



***Department of the Army
Fiscal Year (FY) 2011
Budget Submission***

**Military Construction, Army
Family Housing & Homeowners
Assistance**

Volume 1 of 3

**Justification Data Submitted to Congress
: YVfuary 2010**

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2011
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Alabama		Fort Rucker (IMCOM)			3
	60459	Aviation Maintenance Facility	36,000	36,000	C 5
	60463	Aviation Component Maintenance Shop	29,000	29,000	C 9
	70234	Training Aids Center	4,650	4,650	C 12
		Subtotal Fort Rucker Part I	\$ 69,650	69,650	
		* TOTAL MCA FOR Alabama	\$ 69,650	69,650	
Alaska		Fort Greely (IMCOM)			17
	55873	Fire Station	26,000	26,000	C 19
		Subtotal Fort Greely Part I	\$ 26,000	26,000	
		Fort Richardson (IMCOM)			23
	55695	Brigade Complex, Ph 1	67,038	67,038	N 25
	57369	Simulations Center	34,000	34,000	C 29
	73811	Multipurpose Machine Gun Range	12,200	12,200	C 33
		Subtotal Fort Richardson Part I	\$ 113,238	113,238	
		Fort Wainwright (IMCOM)			37
	67112	Aviation Task Force Complex, Ph 2A (Hngar)	142,650	142,650	C 39
	71697	Urban Assault Course	3,350	3,350	N 43
	76573	Aviation Task Force Complex, Ph 1 Incr 2	0	30,000	C 46
	76873	Aviation Task Force Complex, Ph 2B (COF)	27,000	27,000	C 50
		Subtotal Fort Wainwright Part I	\$ 173,000	203,000	
		* TOTAL MCA FOR Alaska	\$ 312,238	342,238	
California		Presidio of Monterey (IMCOM)			57
	53789	Advanced Individual Training Barracks	63,000	63,000	C 59
	60285	General Instruction Building	39,000	39,000	C 63
	63015	Satellite Communications Facility	38,000	38,000	C 67
		Subtotal Presidio of Monterey Part I	\$ 140,000	140,000	
		* TOTAL MCA FOR California	\$ 140,000	140,000	

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STATE	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	----- REQUEST -----	----- REQUEST -----	----- MISSION -----	----- PAGE -----
Colorado	Fort Carson (IMCOM)				75
13852	Simulations Center	40,000	40,000	C	77
41917	Automated Sniper Field Fire Range	3,650	3,650	C	81
67137	Brigade Complex	56,000	56,000	C	85
72968	Battalion Headquarters	6,700	6,700	N	89
	Subtotal Fort Carson Part I	\$ 106,350	106,350		
	* TOTAL MCA FOR Colorado	\$ 106,350	106,350		
Florida	Eglin Air Force Base (SAC)				
71492	Chapel	6,900	6,900	C	95
	Subtotal Eglin Air Force Base Part I	\$ 6,900	6,900		
	US Army Garrison-Miami (USARSO)				
72932	Commissary	19,000	19,000	C	99
	Subtotal US Army Garrison-Miami Part I	\$ 19,000	19,000		
	Miami-Dade adj to Homestead AFB (USARSO)				
	Miami-Dade				
61533	Command and Control Facility	41,000	41,000	C	103
	Subtotal Miami-Dade adj to Homestead AFB Part I	\$ 41,000	41,000		
	* TOTAL MCA FOR Florida	\$ 66,900	66,900		
Georgia	Fort Benning (IMCOM)				109
63799	Vehicle Maintenance Shop	53,000	53,000	C	111
65061	Museum Operations Support Building	32,000	32,000	C	115
66488	Land Acquisition	12,200	12,200	C	118
72324	Trainee Barracks Ph 2	51,000	51,000	C	121
72456	Training Battalion Complex, Ph 2	14,600	14,600	N	125
72457	Training Battalion Complex, Ph 2	14,600	14,600	N	129
	Subtotal Fort Benning Part I	\$ 177,400	177,400		

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----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST		
-----	-----	-----	-----		-----
	Fort Gordon (IMCOM)				133
70307	Training Aids Center	4,150	4,150	C	135
	Subtotal Fort Gordon Part I	\$ 4,150	4,150		
	Fort Stewart (IMCOM)				139
39614	Simulations Center	26,000	26,000	C	141
67166	Modified Record Fire Range	3,750	3,750	C	145
69830	Aviation Unit Operations Complex	47,000	47,000	N	149
71125	General Instruction Building	8,200	8,200	C	153
71583	Battalion Complex	18,000	18,000	N	156
72188	Automated Multipurpose Machine Gun Range	9,100	9,100	N	159
72189	Automated Infantry Platoon Battle Course	6,200	6,200	N	163
72190	Training Aids Center	7,000	7,000	N	166
	Subtotal Fort Stewart Part I	\$ 125,250	125,250		
	* TOTAL MCA FOR Georgia	\$ 306,800	306,800		
Hawaii	Schofield Barracks (IMCOM)				171
52267	Barracks	98,000	98,000	C	173
52269	Barracks	90,000	90,000	C	176
64760	Training Aids Center	24,000	24,000	C	180
	Subtotal Schofield Barracks Part I	\$ 212,000	212,000		
	Fort Shafter (IMCOM)				183
56024	Flood Mitigation	23,000	23,000	C	185
65650	Command and Control Facility, Ph 1	58,000	58,000	C	188
	Subtotal Fort Shafter Part I	\$ 81,000	81,000		
	Tripler Army Medical Center (USARPAC)				
67258	Barracks	28,000	28,000	C	193
	Subtotal Tripler Army Medical Center Part I	\$ 28,000	28,000		
	* TOTAL MCA FOR Hawaii	\$ 321,000	321,000		

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----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kansas	Fort Leavenworth (IMCOM)				199
73808	Vehicle Maintenance Shop	7,100	7,100	N	201
	Subtotal Fort Leavenworth Part I	\$ 7,100	7,100		
	Fort Riley (IMCOM)				205
65171	Known Distance Range	7,200	7,200	C	207
65460	Automated Qualification/Training Range	14,800	14,800	C	210
65714	Battalion Complex, Ph 1	31,000	31,000	C	213
71696	Automated Infantry Squad Battle Course	4,100	4,100	C	217
	Subtotal Fort Riley Part I	\$ 57,100	57,100		
	* TOTAL MCA FOR Kansas	\$ 64,200	64,200		
Kentucky	Fort Campbell (IMCOM)				223
58511	Brigade Complex	67,000	67,000	C	225
60155	Company Operations Facilities	25,000	25,000	C	229
64295	Vehicle Maintenance Shop	15,500	15,500	C	232
64298	Unit Operations Facilities	26,000	26,000	N	236
67015	Automated Sniper Field Fire Range	1,500	1,500	C	239
67040	Rappelling Training Area	5,600	5,600	C	242
71713	Urban Assault Course	3,300	3,300	C	245
	Subtotal Fort Campbell Part I	\$ 143,900	143,900		
	Fort Knox (IMCOM)				249
58675	Mout Collective Training Facility	12,800	12,800	C	251
70261	Access Corridor Improvements	6,000	6,000	C	254
	Subtotal Fort Knox Part I	\$ 18,800	18,800		
	* TOTAL MCA FOR Kentucky	\$ 162,700	162,700		

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----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST		
-----	-----	-----	-----		-----
Louisiana	Fort Polk (IMCOM)				259
55799	Heavy Sniper Range	4,250	4,250	C	261
60130	Barracks	29,000	29,000	C	264
66194	Land Acquisition	6,000	6,000	C	267
72676	Land Acquisition	24,000	24,000	C	270
	Subtotal Fort Polk Part I	\$ 63,250	63,250		
	* TOTAL MCA FOR Louisiana	\$ 63,250	63,250		
Maryland	Aberdeen Proving Ground (IMCOM)				275
66918	Auto Tech Evaluate Facility Ph 2	14,600	14,600	C	277
	Subtotal Aberdeen Proving Ground Part I	\$ 14,600	14,600		
	Fort Meade (IMCOM)				281
57595	Wideband SATCOM Operations Center	25,000	25,000	C	283
65793	Indoor Firing Range	7,600	7,600	N	286
	Subtotal Fort Meade Part I	\$ 32,600	32,600		
	* TOTAL MCA FOR Maryland	\$ 47,200	47,200		
Missouri	Fort Leonard Wood (IMCOM)				291
57194	Barracks	29,000	29,000	C	293
64520	Information Systems Facility	15,500	15,500	N	296
65009	General Instruction Building	7,000	7,000	C	300
68721	Transient Advanced Trainee Barracks, Ph 2	29,000	29,000	N	303
69267	Training Barracks	19,000	19,000	N	307
72055	Brigade Headquarters	12,200	12,200	N	310
	Subtotal Fort Leonard Wood Part I	\$ 111,700	111,700		
	* TOTAL MCA FOR Missouri	\$ 111,700	111,700		

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STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
New Mexico	White Sands Missile Range (IMCOM)				315
72110	Barracks	29,000	29,000	C	317
	Subtotal White Sands Missile Range Part I	\$ 29,000	29,000		
	* TOTAL MCA FOR New Mexico	\$ 29,000	29,000		
New York	Fort Drum (IMCOM)				323
14456	Training Aids Center	18,500	18,500	C	325
57712	Transient Training Barracks	55,000	55,000	C	328
57735	Infantry Squad Battle Course	8,200	8,200	C	332
62580	Aircraft Fuel Storage Complex	14,600	14,600	C	335
67045	Battalion Complex	61,000	61,000	N	339
67532	Aircraft Maintenance Hangar	16,500	16,500	C	343
71472	Brigade Complex Ph 1	55,000	55,000	N	346
	Subtotal Fort Drum Part I	\$ 228,800	228,800		
	United States Military Academy (IMCOM)				351
59044	Science Facility, Ph 2	130,624	130,624	C	353
65166	Urban Assault Course	1,700	1,700	C	357
	Subtotal United States Military Academy Part I	\$ 132,324	132,324		
	* TOTAL MCA FOR New York	\$ 361,124	361,124		
North Carolina	Fort Bragg (IMCOM)				363
44968	Command and Control Facility	53,000	53,000	C	365
53555	Brigade Complex	50,000	50,000	C	370
57317	Battalion Complex	33,000	33,000	C	374
57836	Staging Area Complex	14,600	14,600	N	378
64340	Brigade Complex	25,000	25,000	C	382
64342	Brigade Complex	41,000	41,000	C	386
65204	Company Operations Facilities	12,600	12,600	C	390
67107	Vehicle Maintenance Shop	28,000	28,000	C	393
73930	Student Barracks	18,000	18,000	C	397
73947	Vehicle Maintenance Shop	7,500	7,500	N	400
74987	Dining Facility	11,200	11,200	C	404

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----- PROJECT NUMBER	----- PROJECT TITLE	----- REQUEST	----- REQUEST			
North Carolina	Fort Bragg (IMCOM) (CONT.)					363
75416	Murchison Road Right of Way Acquisition	17,000	17,000	C		407
	Subtotal Fort Bragg Part I	\$ 310,900	310,900			
	* TOTAL MCA FOR North Carolina	\$ 310,900	310,900			
Oklahoma	McAlester Army Ammunition Plant (AMC)					411
	McAlester AAP					
53389	Igloo Storage, Depot Level	3,000	3,000	C		413
	Subtotal McAlester Army Ammunition Plant Part I	\$ 3,000	3,000			
	Fort Sill (IMCOM)					417
65299	General Purpose Storage Building	13,800	13,800	C		419
66575	Museum Operations Support Building	12,800	12,800	C		423
	Subtotal Fort Sill Part I	\$ 26,600	26,600			
	* TOTAL MCA FOR Oklahoma	\$ 29,600	29,600			
South Carolina	Fort Jackson (IMCOM)					429
53794	Trainee Barracks Complex, Ph 1	46,000	46,000	C		431
71119	Training Aids Center	17,000	17,000	C		435
73299	Trainee Barracks	28,000	28,000	N		438
	Subtotal Fort Jackson Part I	\$ 91,000	91,000			
	* TOTAL MCA FOR South Carolina	\$ 91,000	91,000			
Texas	Fort Bliss (IMCOM)					443
57434	Indoor Swimming Pool	15,500	15,500	C		445
63880	Urban Assault Course	2,800	2,800	C		448
64604	Vehicle Bridge Overpass	8,700	8,700	C		451
65941	Transient Training Complex	31,000	31,000	C		454
72149	Company Operations Facilities	18,500	18,500	N		458
72178	Automated Multipurpose Machine Gun Range	6,700	6,700	N		461
72179	Scout/RECCE Gunnery Complex	15,500	15,500	N		464

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STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Texas	Fort Bliss (IMCOM) (CONT.)				443
72180	Light Demolition Range	2,100	2,100	N	468
72181	Heavy Sniper Range	3,500	3,500	N	471
72182	Digital Multipurpose Training Range	22,000	22,000	N	474
72183	Live Fire Exercise Shoothouse	3,150	3,150	N	478
72184	Squad Defense Range	3,000	3,000	N	481
74635	THAAD Battery Complex	17,500	17,500	N	484
	Subtotal Fort Bliss Part I	\$ 149,950	149,950		
	Fort Hood (IMCOM)				489
57134	Live Fire Exercise Shoothouse	2,100	2,100	C	491
66532	Convoy Live Fire	3,200	3,200	C	494
71462	Battalion Complex	40,000	40,000	N	497
71465	Company Operations Facilities	4,300	4,300	N	501
71639	Brigade Complex	38,000	38,000	N	504
71706	Urban Assault Course	2,450	2,450	C	508
72845	Unmanned Aerial System (UAS) Hangar	55,000	55,000	N	511
	Subtotal Fort Hood Part I	\$ 145,050	145,050		
	Fort Sam Houston (IMCOM)				515
67194	Simulations Center	16,000	16,000	C	517
71116	Training Aids Center	6,200	6,200	C	521
	Subtotal Fort Sam Houston Part I	\$ 22,200	22,200		
	* TOTAL MCA FOR Texas	\$ 317,200	317,200		
Virginia	Fort Eustis (IMCOM)				527
71539	Warrior in Transition Complex	18,000	18,000	C	529
	Subtotal Fort Eustis Part I	\$ 18,000	18,000		
	Fort A P Hill (IMCOM)				533
65726	MOU Collective Training Fac	65,000	65,000	N	535
65789	Indoor Firing Range	6,200	6,200	N	538
65790	Light Demolition Range	4,100	4,100	N	541
65791	1200 Meter Range	14,500	14,500	N	544
65792	Known Distance Range	3,800	3,800	N	547

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STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST		
Virginia	Fort A P Hill (IMCOM) (CONT.)				533
	Subtotal Fort A P Hill Part I	\$ 93,600	93,600		
	Fort Lee (IMCOM)				551
60449	Automated Qualification Training Range	7,700	7,700	C	553
67363	Museum Operations Support Building	30,000	30,000	C	557
71114	Training Aids Center	5,800	5,800	C	560
73298	Company Operations Facility	4,900	4,900	C	563
	Subtotal Fort Lee Part I	\$ 48,400	48,400		
	* TOTAL MCA FOR Virginia	\$ 160,000	160,000		
Washington	Fort Lewis (IMCOM)				569
55198	Barracks Complex	40,000	40,000	C	571
64457	Barracks	47,000	47,000	C	575
72089	Rappelling Training Area	5,300	5,300	C	578
72838	Regional Logistic Spt Complex Warehouse	16,500	16,500	C	581
72854	Regional Logistic Support Complex	63,000	63,000	C	585
	Yakima Firing Center				
65386	Sniper Field Fire Range	3,750	3,750	C	589
	Subtotal Fort Lewis Part I	\$ 175,550	175,550		
	* TOTAL MCA FOR Washington	\$ 175,550	175,550		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 3,246,362	3,276,362		

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STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Afghanistan	Afghanistan Various (ARCENT)				
	Bagram Air Base				
68083	Consolidated Community Support Area	14,800	14,800	C	595
69404	Joint Defense Operations Center	2,800	2,800	C	598
71602	Barracks	18,000	18,000	C	601
71604	Eastside Utilities Infrastructure	29,000	29,000	C	604
71605	Eastside Electrical Distribution	10,400	10,400	C	607
71606	Entry Control Point	7,500	7,500	C	610
72242	Army Aviation HQ Facilities	19,000	19,000	C	613
	Subtotal Afghanistan Various Part I	\$ 101,500	101,500		
	* TOTAL MCA FOR Afghanistan	\$ 101,500	101,500		
Germany	Germany Various (IMCOM)				619
	409th BSB Grafenwoehr				
68606	Barracks	19,000	19,000	C	621
69612	Barracks	20,000	20,000	C	624
69613	Barracks	19,000	19,000	C	627
	Ansbach				
59434	Physical Fitness Center	13,800	13,800	C	630
66834	Vehicle Maintenance Shop	18,000	18,000	C	633
	Grafenwoehr				
67968	Barracks	17,500	17,500	C	637
	Sembach				
66465	Confinement Facility	9,100	9,100	C	640
	Kaiserslautern Rhine Ordnance Barracks				
66595	Barracks Complex	35,000	35,000	C	644
	Wiesbaden Wiesbaden Air Base				
60555	Information Processing Center	30,400	30,400	C	647
68074	Construct New ACP	5,100	5,100	C	651
68866	Sensitive Compartmented Information Fac	91,000	91,000	C	654
69719	Command and Battle Center, Incr 2	0	59,500	C	658
	Subtotal Germany Various Part I	\$ 277,900	337,400		
	* TOTAL MCA FOR Germany	\$ 277,900	337,400		

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STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST			
Honduras	Soto Cano Air Base (USARSO)					
61383	Barracks	20,400	20,400	C		665
	Subtotal Soto Cano Air Base Part I	\$ 20,400	20,400			
	* TOTAL MCA FOR Honduras	\$ 20,400	20,400			
Italy	Italy Various (IMCOM)					671
	Vicenza					
70826	Bde Complex - Operations Spt Fac, Incr 4	0	25,000	C		673
70829	Bde Complex - Barracks/Community, Incr 4	0	26,000	C		678
	Subtotal Italy Various Part I	\$ 0	51,000			
	* TOTAL MCA FOR Italy	\$ 0	51,000			
Korea	Korea Various (IMCOM)					685
	Camp Walker					
61551	Electrical Sys Upgrade & Natural Gas Sys	19,500	19,500	C		687
	Subtotal Korea Various Part I	\$ 19,500	19,500			
	* TOTAL MCA FOR Korea	\$ 19,500	19,500			
	** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 419,300	529,800			

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 WORLDWIDE

STATE	INSTALLATION (COMMAND)	AUTHORIZATION APPROPRIATION		PAGE
----- PROJECT	-----	REQUEST	REQUEST	-----
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES)			
	Planning and Design Host Nation			
62155	Host Nation Support FY 11	0	28,000	693
62153	Planning and Design FY11	0	221,636	695
		-----	-----	
	Subtotal Planning and Design Part I	\$ 0	249,636	
	Minor Construction (MINOR)			
62167	Minor Construction FY 11	0	23,000	697
		-----	-----	
	Subtotal Minor Construction Part I	\$ 0	23,000	
	* TOTAL MCA FOR Worldwide Various	\$ 0	272,636	
	** TOTAL WORLDWIDE FOR MCA	\$ 0	272,636	
	MILITARY CONSTRUCTION (Part I) TOTAL	\$ 3,665,662	4,078,798	
	Total Cost of New Mission Projects	(40)	\$ 798,938	
	Total Cost of Current Mission Projects	(118)	\$ 3,007,224	
	Total Cost of other line items	(3)	\$ 272,636	
	Total Cost of FY 2011 MCA Projects	(161)	\$ 4,078,798	

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (Part I) FY 2011

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command	3,000	3,000
US Army Installation Management Command	3,148,462	3,178,462
Strategic Air Command	6,900	6,900
US Army Pacific	28,000	28,000
US Army South	60,000	60,000
OUTSIDE THE UNITED STATES		
US Army Central	101,500	101,500
US Army Installation Management Command	297,400	407,900
US Army South	20,400	20,400
WORLDWIDE		
Military Construction, Army Minor	0	23,000
Planning and Design	0	249,636
TOTAL	3,665,662	4,078,798

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Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2011

MILITARY CONSTRUCTION, ARMY

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief, \$4,078,798,000, to remain available until September 30, 2015: Provided, That of this amount, not to exceed \$249,636,000 shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefore.

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MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY APPROPRIATIONS (\$)</u>
2011	\$4,078,798,000
2010	\$4,413,903,000
2009	\$6,061,913,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in this year's request for Authorizations and Appropriations.

This request funds the Army's most critical facilities needs within the context of Transformation to Army Modular Force (AMF), the Grow the Army (GTA) initiative, moves associated with the Global Defense Posture Realignment (GDPR) and fiscal constraints. In the current year, investment is primarily directed toward facilities required for Soldiers as our Centerpiece, Current Readiness, and Army Modular Force, such as troop housing, operations and maintenance facilities, and training ranges, along with construction necessary for environmental, recapitalization, and mission essential requirements.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Projects awarded with these funds may not exceed \$2 million or \$3.0 million if there is a threat to life, health, or safety.

3. Planning & Design. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities. In general, design funds requested in fiscal year 2011 will be used to design projects in the Army's Fiscal Years 2012 and 2013 programs.

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Items of Interest-Appropriating Committees

Conference Report 111-366 on the FY2010 Consolidated Appropriations Act

Planning and Design.

On page 1337 (of the Conference Report 111-366), the Committee directed that funds for planning and design be expended for the following active Army projects:

Planning and Design

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>(\$000)</u>	<u>Status</u>
AL	Fort Rucker	AVIM Hangar	1,170	Pending design
AL	Fort Rucker	Water Survival Training Facility	401	Pending design
KY	Fort Campbell	Physical Fitness Complex	900	Pending design
MD	Aberdeen Proving Ground	Information Processing Node Phase 2	956	Pending design
MO	Fort Leonard Wood	Brigade Headquarters	584	Pending design
NC	Fort Bragg	Field Support Brigade Headquarters	720	Pending design
TX	Fort Bliss	Access Control Points	6,500	Pending design
UT	Dugway Proving Ground	Life Science Test Facility Addition	2,890	Pending design

Unspecified Minor Military Construction.

On page 1341 (of the Conference Report 111-366) the Committee directed the Army to complete the following project using unspecified Minor Military Construction funds.

Unspecified Minor Military Construction

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>(\$000s)</u>	<u>Status</u>
CO	Fort Carson	Convoy Skills Trainer (IED)	1,950	Pending design

Items of Interest-Authorizing Committees

Senate Report 110-77 on the FY 2008 National Defense Authorization Act

Incremental and Phased Projects

On page 537 (of the Senate Report 110-77, NDAA 2008), the Committee requested that the military departments include on each project justification document (the DD Form 1391), the entire cost of the requirement as well as the cost, by fiscal year, of each past and future phase or increment, in a table format. The Army has provided this information, as requested on all phased or incrementally funded projects in the FY11 Budget Request. The following phased or incrementally funded projects include the information requested:

<u>ST</u>	<u>Location</u>	<u>Description</u>
AK	Fort Richardson	Brigade Complex Ph 1
AK	Fort Wainwright	Aviation Task Force Complex Ph 2A
AK	Fort Wainwright	Aviation Task Force Complex Ph 1, Increment 2
AK	Fort Wainwright	Aviation Task Force Complex Ph 2B
GA	Fort Benning	Trainee Barracks Ph 2
GA	Fort Benning	Trainee Battalion Complex, Ph 2
GA	Fort Benning	Trainee Battalion Complex, Ph 2
HI	Fort Shafter	Command and Control Facility, Ph 1
KS	Fort Riley	Battalion Complex, Ph 1
MD	Aberdeen Proving Ground	Auto Tech Evaluate Facility Ph 2
MS	Fort Leonard Wood	Transient Advanced Trainee Barracks, Ph 2
NY	Fort Drum	Brigade Complex Ph 1
NY	US Military Academy	Science Facility, Ph 2
SC	Fort Jackson	Trainee Barracks Complex, Ph 1

<u>Country</u>	<u>Location</u>	<u>Description</u>
Germany	Wiesbaden	Command and Battle Center, Increment 2
Italy	Vicenza	Bde Complex – Operations Spt Fac, Increment 4
Italy	Vicenza	Bde Complex – Bks/Community, Increment 4

Additional Issues

Requirement for Additional Scope Authorization, FY 2010 Project.

There is one FY 2010 project that, due to a technical error on the DD Form 1391, did not have the correct scope identified for one of its line items. The additional scope can be executed within the existing programmed amount for the project. Further explanation is provided below.

<u>ST</u>	<u>Location</u>	<u>Description</u>	<u>Correct Scope</u>
KS	Fort Riley	Brigade Complex (Brigade HQs)	40,100 SF

Fort Riley Brigade Complex (FY10)

In FY 2010, the Congress authorized \$49 million for construction of a Brigade Complex which included a brigade headquarters building. Inadvertently, the project justification document (DD Form 1391) approved by the Congress showed a scope of 34,500 square feet instead of 40,100 square feet as required for the brigade headquarters. The project can be executed within the existing programmed amount with correct Brigade Headquarters scope. In order to correct this, the Army will seek, at the next opportunity, revised authority to execute the brigade headquarters at 40,100 square feet. A revised DD Form 1391 is provided at page xxv. No additional funds will be required for this project.

Requirement for Location Change Authorization, FY 2009 Project.

There is one FY 2009 project that, due to an administrative error on the DD Form 1391, did not have the correct location identified. The project can be executed within the existing programmed amount at the correct location. Further explanation is provided below.

<u>ST</u>	<u>Location on DD1391)</u>	<u>Description</u>	<u>Correct Location</u>
GE	Ansbach	Aircraft/Vehicle Maintenance Complex	Grafenwoehr, GE

Katterbach Kaserne (Ansbach), GE (FY09)

In FY 2009, the Congress authorized \$19 million for construction of an Aircraft/Vehicle Maintenance Complex at Katterbach Kaserne (Ansbach), Germany. The project justification document (DD Form 1391) approved by the Congress showed a location of Katterbach Kaserne in error, but the error was not realized until after the database and the budget book were submitted to Congress. The correct location for this project is Grafenwoehr, Germany. In order to correct this, the Army will seek, at the next opportunity, revised authority to execute the Aircraft/Vehicle Maintenance Complex at Grafenwoehr, GE. No additional funds will be required for this project.

Clarification of Project Title and Category Code for FY2009 Automated Anti-Armor Range Project at Fort Benning, Georgia.

There is a 2009 range project at Fort Benning whose category code is 178 41 (vice 178 45, no change is required on the DD Form 1391 since both category codes would be reflected as 178 on the Congressional view of the form). Also, to be consistent with the correct category code, the title of the project should be Live Anti-Armor Weapons Range, Subcaliber. A Congressional notification in accordance with 10 USC 2853, will be submitted outlining the scope reductions within the project to reflect the Live Anti-Armor Weapons Range, Subcaliber.

Fort Belvoir Fire Station Project

This project involves a land-for-construction exchange with the Commonwealth of Virginia. The Fiscal Year (FY) 2002 National Defense Authorization Act (NDAA), as amended by the FY 2006 NDAA and FY2007 NDAA, authorized conveyance of two parcels of land on the Engineer Proving Ground, Fort Belvoir, Virginia, to the Commonwealth in exchange for \$4.88M (to remain available until expended) to be used for construction of a fire station (replacement of Building 191). The current estimate to construct a standard-design, two-company, satellite Fire Station exceeds this amount. Therefore, the Army cannot construct the fire station, because there is no legal authority to add military construction funds to the Commonwealth funds, to pay the increased costs of the project. In order to correct this, the Army will seek, at the next opportunity, revised authority to use unobligated Military Construction, Army, funds in conjunction with the \$4.88 million from the commonwealth of Virginia to accomplish this project.

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 8 Jan 2010			
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Brigade Complex					
5. PROGRAM ELEMENT		6. CATEGORY CODE 721 11	7. PROJECT NUMBER 77169		8. PROJECT COST (\$000) 49,000			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY								35,972
Barracks					SF	57,096	211.73	(12,090)
Brigade Headquarters					SF	40,100	190.30	(7,631)
Battalion HQs w/Classrooms					SF	16,400	212.65	(3,487)
Company Operations Facilities					SF	51,607	153.21	(7,907)
Covered Hardstand					SF	7,341	55.00	(404)
Total from Continuation page(s)								(4,453)
SUPPORTING FACILITIES								6,321
Electric Service					LS	--	--	(57)
Water, Sewer, Gas					LS	--	--	(886)
Steam And/Or Chilled Water Distribution					LS	--	--	(48)
Paving, Walks, Curbs And Gutters					LS	--	--	(916)
Storm Drainage					LS	--	--	(323)
Site Imp(865) Demo(1,745)					LS	--	--	(2,610)
Information Systems					LS	--	--	(1,353)
Antiterrorism Measures					LS	--	--	(128)
ESTIMATED CONTRACT COST								42,293
CONTINGENCY (5.00%)								2,115
SUBTOTAL								44,408
SUPERVISION, INSPECTION & OVERHEAD (5.70%)								2,531
DESIGN/BUILD - DESIGN COST (4.0000%)								1,776
TOTAL REQUEST								48,715
TOTAL REQUEST (ROUNDED)								49,000
INSTALLED EQT-OTHER APPROPRIATIONS								(1,373)
10. Description of Proposed Construction Construct Brigade Complex for a Brigade Troop Battalion (BTB) Heavy 1st Brigade. Primary facilities include standard design barracks, Brigade Headquarters facility, Battalion Headquarters w/Classrooms, Company Operation Facilities with covered hardstands, and a Deployment Storage facility. Supporting facilities include site utilities; electric service; security lighting; fire protection and alarm system; paving, walks, curbs, and gutters, parking and site improvements; storm drainage; and information systems. Access for the persons with disabilities will be provided. Heating and air conditioning will be provided by self-contained systems. Project will include special foundations, connection to Energy Monitoring and Control Systems (EMCS) and installation of Intrusion Detection System (IDS). Anti-Terrorism/Force Protection (AT/FP) measures include blast resistant windows and doors, architectural reinforcement, mass notification, HVAC controls, conduit for security systems, and general structural reinforcements. Site AT/FP measures include vehicle barriers, bollards, force protection lights, barrier and landscaping. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be								

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 8 Jan 2010
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3. INSTALLATION AND LOCATION
Fort Riley
Kansas

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 77169
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				4,453
Deployment Equipment Storage	SF	7,350	98.50	(724)
Special Foundations	LS	--	--	(1,591)
IDS Installation	LS	--	--	(24)
EMCS Connections	LS	--	--	(108)
SDD and EAct05	LS	--	--	(645)
Antiterrorism Measures	LS	--	--	(645)
Building Information Systems	LS	--	--	(716)

Description of Proposed Construction: (CONTINUED)
provided. Demolish existing buildings (TOTAL 103,000 SF). Air Conditioning (Estimated 400 Tons).

11. REQ: 5,932 PN ADQT: 5,732 PN SUBSTD: 2,789 PN
PROJECT:
Construct a standard design Brigade Complex at Fort Riley, Kansas. (Current Mission)

REQUIREMENT:
A new Brigade Complex is required due to the transformation and stationing of a new Battalion of the 1st BCT at Fort Riley. This project is required to provide adequate living, administrative, training and operational facilities that meet current Army standards for a Brigade Troop Battalion (BTB). Maximum utilization is 156 Soldiers. Intended utilization is 108 Junior Enlisted and 24 Sergeants.

CURRENT SITUATION:
Currently there are no existing facilities in the Custer Hill area at Fort Riley that can meet the needs of this Brigade Complex. All existing facilities suitable for use under these facility categories are fully utilized. The new Brigade arriving at Fort Riley will not be replacing any existing unit currently assigned to the installation and no adequate existing permanent facilities are available to support this stationing action at Fort Riley, Kansas.

IMPACT IF NOT PROVIDED:
Failure to provide this project will require that personnel assigned to this Brigade be divided into remote separate facilities. Personnel will be forced to travel excessive distances to facilities to work. Excessive amounts of

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		8 Jan 2010

3. INSTALLATION AND LOCATION
Fort Riley
Kansas

4. PROJECT TITLE	5. PROJECT NUMBER
Brigade Complex	77169

IMPACT IF NOT PROVIDED: (CONTINUED)
travel time will be required due to distances between operational facilities. This will serve to impede operational control from command to units reducing support capabilities and lowering moral of all personnel involved. The chain of command will be severely strained by operations over a long distance.

ADDITIONAL:

This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$26.1M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Riley, KS. Upon completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is zero personnel at this installation.

ESTIMATED CONSTRUCTION START:	MAR 2010	INDEX: 2499
ESTIMATED MIDPOINT OF CONSTRUCTION:	NOV 2010	INDEX: 2517
ESTIMATED CONSTRUCTION COMPLETION:	JUL 2011	INDEX: 2546

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FEBRUARY 2010

Military Construction Army
FY 2011 BUDGET ESTIMATE

PROGRAM ASSESSMENT RATING TOOL

In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website.

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Alabama	Fort Rucker (IMCOM)				3
60459	Aviation Maintenance Facility	36,000	36,000	C	5
60463	Aviation Component Maintenance Shop	29,000	29,000	C	9
70234	Training Aids Center	4,650	4,650	C	12
	Subtotal Fort Rucker Part I	\$ 69,650	69,650		
	* TOTAL MCA FOR Alabama	\$ 69,650	69,650		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Rucker Alabama	4. COMMAND US Army Installation Management Command	5. AREA CONSTRUCTION COST INDEX 0.75
6. PERSONNEL STRENGTH:		
	PERMANENT	STUDENTS
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL
	SUPPORTED	TOTAL
A. AS OF 03 NOV 2009	984 1694 1935	1804 797 0
B. END FY 2015	1052 1134 2323	2287 777 1
		167 100 5804
		154 101 5833
		13,285
		13,662
7. INVENTORY DATA (\$000)		
A. TOTAL AREA.....	25,499 ha	(63,008 AC)
B. INVENTORY TOTAL AS OF 31 DEC 2008.....		2,186,975
C. AUTHORIZATION NOT YET IN INVENTORY.....		85,501
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....		69,650
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		182,158
H. GRAND TOTAL.....		2,524,284
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:		
CATEGORY PROJECT	COST	DESIGN STATUS
CODE NUMBER PROJECT TITLE	(\$000)	START COMPLETE
211 60459 Aviation Maintenance Facility	36,000	10/2009 10/2010
211 60463 Aviation Component Maintenance Shop	29,000	10/2009 10/2010
141 70234 Training Aids Center	4,650	02/2009 12/2010
TOTAL	69,650	
9. FUTURE PROJECT APPROPRIATIONS:		
CATEGORY	COST	
CODE PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2012 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	N/A	
10. MISSION OR MAJOR FUNCTIONS:		
Provides facilities and support for the Army Aviation Center and School whose mission is to provide individual pilot training for all fixed wing and rotary wing aircraft and advanced doctrines and techniques.		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Rucker, Alabama

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Rucker Alabama				4.PROJECT TITLE Aviation Maintenance Facility		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 211	7.PROJECT NUMBER 60459		8.PROJECT COST (\$000) Auth 36,000 Approp 36,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						29,107
High Bay Maintenance Facility		m2 (SF)	12,312 (132,522)		2,054	(25,287)
Airfield Aprons		m2 (SY)	54,842 (65,590)		36.67	(2,011)
Gen Purpose Storage Facility		m2 (SF)	250.84 (2,700)		1,156	(290)
Wash Platform, Organizational		EA	1 --		61,929	(62)
IDS Installation		LS	--		--	(20)
Total from Continuation page						(1,437)
<u>SUPPORTING FACILITIES</u>						3,135
Electric Service		LS	--		--	(225)
Water, Sewer, Gas		LS	--		--	(260)
Paving, Walks, Curbs & Gutters		LS	--		--	(325)
Storm Drainage		LS	--		--	(328)
Site Imp(1,785) Demo(5)		LS	--		--	(1,790)
Information Systems		LS	--		--	(117)
Antiterrorism Measures		LS	--		--	(90)
ESTIMATED CONTRACT COST						32,242
CONTINGENCY (5.00%)						<u>1,612</u>
SUBTOTAL						33,854
SUPV, INSP & OVERHEAD (5.70%)						<u>1,930</u>
TOTAL REQUEST						35,784
TOTAL REQUEST (ROUNDED)						36,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a modified standard design Aviation Maintenance Facility with supporting shop, parts storage, avionics, administrative, restrooms, breakroom, training and conference facilities. This project includes the construction of a maintenance facility to service rotary wing aircraft with 20 maintenance bays, airfield aprons, wash platform and a storage facility. The hangar will contain maintenance bays equipped with overhead bridge cranes, fire alarm/suppression systems, Ground Service Equipment (GSE) covered parking and integrated mechanical support systems. Project will include building information systems, connection to Energy Monitoring and Control Systems (EMCS), and installation of Intrusion Detection Systems (IDS). Measures in accordance with the Department of Defense (DoD) minimum Antiterrorism Standards for buildings will be provided. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs and gutters, parking, storm drainage, information systems, and site improvements. Building to withstand 100 mile-per-hour wind loading. Heating and cooling will be by self contained units. Hangar bay ventilation will be provided by propeller type exhaust fans. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

4. PROJECT TITLE Aviation Maintenance Facility	5. PROJECT NUMBER 60459
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(112)
SDD and EPAct05	LS	--	--	(525)
Antiterrorism Measures	LS	--	--	(632)
Building Information Systems	LS	--	--	(168)
			Total	1,437

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

2005 (EPAct05) features will be included. Air Conditioning (Estimated 2,110 kW/600 Tons).

11. REQ: 107,547 m2 ADQT: 70,137 m2 SUBSTD: 4,210 m2

PROJECT: Construct an Aviation Unit Maintenance Facility at Fort Rucker, AL (Current Mission)

REQUIREMENT: There is a requirement for 54 maintenance bays for the OH-58 and AH-64 aircraft on hand. This project builds a universal unit maintenance facility providing 16 to 20 bays depending on the size of aircraft. By the time the Armed Reconnaissance Helicopter (ARH) is fully fielded, facilities now in use will be obsolete.

CURRENT SITUATION: The Army Materiel Command (AMC) has insufficient permanent maintenance facility space to perform the Aviation Unit Maintenance (AVUM) and Aviation Unit Intermediate Maintenance (AVIM) maintenance mission in support of the U.S. Army Aviation Center of Excellence (USAACE). Some AH-64 and OH-58 work is conducted in Large Area Maintenance Shelter, with over 189 average hours per day conducted outside on the apron. The problem continues to magnify itself as the aircraft fleet increases and reduced repair cycle time is required to support the increased training load for USAACE.

IMPACT IF NOT PROVIDED: If this project is not provided, the maintenance mission to maintain aircraft in support of training AH-64 and OH-58 aviators is jeopardized and will constrain the availability of aircraft for Pilot training. The aviation maintenance mission will continue to be performed in temporary facilities and outdoors, which is inefficient and jeopardizes flight readiness requirements and employee safety.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

4. PROJECT TITLE Aviation Maintenance Facility	5. PROJECT NUMBER 60459
---	--------------------------------

ADDITIONAL: (CONTINUED)
 engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... APR 2010
 - (d) Date Design Complete..... NOV 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Riley

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,053
 - (b) All Other Design Costs..... 702
 - (c) Total Design Cost..... 1,755
 - (d) Contract..... 1,053
 - (e) In-house..... 702

 - (4) Construction Contract Award..... MAR 2011

 - (5) Construction Start..... MAY 2011

 - (6) Construction Completion..... DEC 2012

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

4. PROJECT TITLE Aviation Maintenance Facility	5. PROJECT NUMBER 60459
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Edwin P. Janasky
Phone Number: 334-255-2113

1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Rucker Alabama				4.PROJECT TITLE Aviation Component Maintenance Shop		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 211	7.PROJECT NUMBER 60463		8.PROJECT COST (\$000) Auth 29,000 Approp 29,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,967
Aircraft Component Repair Shop		m2 (SF)	12,263 (132,000)		1,839	(22,551)
IDS Installation		LS	--		--	(20)
EMCS Connection		LS	--		--	(110)
SDD and EPAct05		LS	--		--	(446)
Antiterrorism Measures		LS	--		--	(467)
Building Information Systems		LS	--		--	(373)
<u>SUPPORTING FACILITIES</u>						2,142
Electric Service		LS	--		--	(246)
Water, Sewer, Gas		LS	--		--	(342)
Paving, Walks, Curbs & Gutters		LS	--		--	(454)
Storm Drainage		LS	--		--	(78)
Site Imp(403) Demo(437)		LS	--		--	(840)
Information Systems		LS	--		--	(103)
Antiterrorism Measures		LS	--		--	(79)
ESTIMATED CONTRACT COST						26,109
CONTINGENCY (5.00%)						<u>1,305</u>
SUBTOTAL						27,414
SUPV, INSP & OVERHEAD (5.70%)						<u>1,563</u>
TOTAL REQUEST						28,977
TOTAL REQUEST (ROUNDED)						29,000
INSTALLED EQT-OTHER APPROP						(1,290)
10.Description of Proposed Construction Construct an aviation component maintenance shop to house maintenance functions such as: avionics testing, repair and calibration activities, electronic automated test equipment, electronics repair, spectrographic analysis, fluorescent penetrant and electron microscope inspection, test and inspection of hydraulic systems, magnetic particle inspection, ultrasonic inspection, X-Ray inspection and administrative functions. Project will include building information systems, connection to Energy Monitoring and Control Systems (EMCS), and installation of Intrusion Detection Systems (IDS). Measures in accordance with the Department of Defense (DoD) minimum Antiterrorism Standards for buildings will be provided. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs and gutters, parking, storm drainage, information systems, and site improvements. Heating and cooling will be by self contained units. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 8 Buildings (TOTAL 6,715 m2/72,285 SF). Air Conditioning (Estimated 264 kW/75 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

4. PROJECT TITLE Aviation Component Maintenance Shop	5. PROJECT NUMBER 60463
---	--------------------------------

11. REQ: 116,280 m2 ADQT: 21,887 m2 SUBSTD: 19,143 m2

PROJECT: Construct an Aviation Component Maintenance Shop at Fort Rucker. AL (Current Mission)

REQUIREMENT: This project is required to provide centrally located shop functions that support the helicopter maintenance activity of all aircraft stationed at Fort Rucker. The functions in the new shop will be more efficient and allow a higher projected volume of work flow. Improved mechanical and electrical systems will allow higher quality products reducing defect rates.

CURRENT SITUATION: Currently, maintenance is being performed in facilities that are functionally and physically obsolete. The maintenance activity is performed around the clock with only ten non-active days a year. There is no surge capability under current facility constrained operations, which compromises both safety and efficiency as well as limiting mission effectiveness.

IMPACT IF NOT PROVIDED: If this project is not provided, readiness will be at risk due to a constrained availability of aircraft for pilot training. Further, the projected increase in productivity, mission effectiveness, and surge potential will not be realized.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... OCT 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... APR 2010
- (d) Date Design Complete..... NOV 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Rucker, Alabama

4. PROJECT TITLE Aviation Component Maintenance Shop	5. PROJECT NUMBER 60463
---	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 846

(b) All Other Design Costs..... 564

(c) Total Design Cost..... 1,410

(d) Contract..... 846

(e) In-house..... 564

(4) Construction Contract Award..... MAR 2011

(5) Construction Start..... MAY 2011

(6) Construction Completion..... MAY 2013

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Info Sys - ISC	OPA	2012	1,290
		TOTAL	1,290

Installation Engineer: Edwin P. Janasky

Phone Number: 334-255-2113

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Rucker Alabama			4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 141	7. PROJECT NUMBER 70234	8. PROJECT COST (\$000) Auth 4,650 Approp 4,650		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Training Aids Center	m2 (SF)	2,333 (25,108)		1,491	3,732 (3,479)
IDS Installation	EA	1 --		37,000	(37)
EMCS Connection	EA	1 --		18,000	(18)
SDD and EPAct05	LS	--		--	(70)
Antiterrorism Measures	LS	--		--	(75)
Building Information Systems	LS	--		--	(53)
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--		--	476 (67)
Water, Sewer, Gas	LS	--		--	(83)
Paving, Walks, Curbs & Gutters	LS	--		--	(128)
Storm Drainage	LS	--		--	(48)
Site Imp(106) Demo()	LS	--		--	(106)
Information Systems	LS	--		--	(30)
Antiterrorism Measures	LS	--		--	(14)
ESTIMATED CONTRACT COST					4,208
CONTINGENCY (5.00%)					<u>210</u>
SUBTOTAL					4,418
SUPV, INSP & OVERHEAD (5.70%)					<u>252</u>
TOTAL REQUEST					4,670
TOTAL REQUEST (ROUNDED)					4,650
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Training Aids Center (TAC) to include administration, fabrication, maintenance, and storage space for Army and local training devices, installation of an Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS), and building information systems. Supporting facilities include utilities, walks, curbs and gutters, paved driveways and parking, storm drainage, fire protection and alarm systems, and site improvements. Access for individuals with disabilities will be provided. Heating and air conditioning will be provided by self-contained units. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 70 kW/20 Tons).					
11. REQ: 3,201 m2 ADQT: 585 m2 SUBSTD: 2,514 m2					
PROJECT: Construct a standard design Training Aids Center at Fort Rucker, AL. (Current Mission)					
REQUIREMENT: The Army school relocations to Fort Rucker will increase the quantity and type of live and virtual training devices used. Additional storage is needed to support the increases in training aid devices and to protect the investment for those devices.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 70234
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CURRENT SITUATION: Current facilities are WWII wood construction. Inadequate ventilation within the current fabrication facility as well as not meeting current electrical or fire code requirements pose serious hazards to the workforce. Facility is not centrally located with other TAC functions and pose logistical challenges as well. Limited space directly impacts the overall production capabilities due to constraints of storage of material. Current storage capacity is 60% below the required capacity.

IMPACT IF NOT PROVIDED: If this project is not provided safety hazards will continue to exist and facilities will continue to degrade. Modernization of the facilities is not feasible. Non-efficient production due to space constraints and limited capabilities will continue in the current environment. Accountability of Army items is extremely challenging in facilities that are not co-located with the TAC operations and do not meet secure storage criteria. Employees and equipment will remain at risk of injury, theft, damage or loss if required to continue to operate in the current environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>FEB 2010</u>
(b) Percent Complete As Of January 2010.....	<u>.00</u>
(c) Date 35% Designed.....	<u>AUG 2010</u>
(d) Date Design Complete.....	<u>DEC 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design:	YES
(b) Where Most Recently Used:	Fort Jackson
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)	
(a) Production of Plans and Specifications.....	<u>221</u>
(b) All Other Design Costs.....	<u>177</u>

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Rucker, Alabama

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 70234
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost.....	398
(d) Contract.....	221
(e) In-house.....	177
(4) Construction Contract Award.....	MAY 2011
(5) Construction Start.....	JUL 2011
(6) Construction Completion.....	MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

DEPARTMENT OF THE ARMY
FISCAL YEAR 2011
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
----- PROJECT	-----		REQUEST	REQUEST			
NUMBER	PROJECT TITLE		-----	-----			
-----	-----		-----	-----			
Alaska	Fort Greely (IMCOM)						17
55873	Fire Station		26,000	26,000	C		19
	Subtotal Fort Greely Part I		\$ 26,000	26,000			
	Fort Richardson (IMCOM)						23
55695	Brigade Complex, Ph 1		67,038	67,038	N		25
57369	Simulations Center		34,000	34,000	C		29
73811	Multipurpose Machine Gun Range		12,200	12,200	C		33
	Subtotal Fort Richardson Part I		\$ 113,238	113,238			
	Fort Wainwright (IMCOM)						37
67112	Aviation Task Force Complex, Ph 2A (Hngar)		142,650	142,650	C		39
71697	Urban Assault Course		3,350	3,350	N		43
76573	Aviation Task Force Complex, Ph 1 Incr 2		0	30,000	C		46
76873	Aviation Task Force Complex, Ph 2B (COF)		27,000	27,000	C		50
	Subtotal Fort Wainwright Part I		\$ 173,000	203,000			
	* TOTAL MCA FOR Alaska		\$ 312,238	342,238			

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Greely Alaska			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 2.36	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL	TOTAL
A. AS OF 03 NOV 2009	77	336	107	0	0	0	14 55 1160 1,749
B. END FY 2015	79	342	287	0	0	0	14 55 1198 1,975
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	2,914 ha		(7,200 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						2,028,036	
C. AUTHORIZATION NOT YET IN INVENTORY.....						2,700	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						26,000	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						96,305	
H. GRAND TOTAL.....						2,153,041	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
730	55873	Fire Station			26,000	09/2008	05/2011
TOTAL					26,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Ft Greely conducts base operations to support the Ground-Based Midcourse Defense (GMD) Test Bed system and other tenants, while providing resources to support ALCOM, USARAK, and other training. It also provides on-post family housing for approximately 126 families.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
A. AIR POLLUTION					0		
B. WATER POLLUTION					0		
C. OCCUPATIONAL SAFETY AND HEALTH					0		

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1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Greely Alaska				4.PROJECT TITLE Fire Station		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 730	7.PROJECT NUMBER 55873		8.PROJECT COST (\$000) Auth 26,000 Approp 26,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						17,043
Fire Station		m2 (SF)	2,619 (28,194)		5,903	(15,462)
Special Foundation		LS	--		--	(445)
Standby Generator		kWe(KW)	180 (180)		1,359	(245)
EMCS Connection		LS	--		--	(73)
SDD and EPAct05		LS	--		--	(310)
Total from Continuation page						(508)
<u>SUPPORTING FACILITIES</u>						5,725
Electric Service		LS	--		--	(1,463)
Water, Sewer, Gas		LS	--		--	(104)
Steam And/Or Chilled Water Dist		LS	--		--	(43)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,579)
Storm Drainage		LS	--		--	(110)
Site Imp(1,262) Demo(683)		LS	--		--	(1,945)
Information Systems		LS	--		--	(371)
Antiterrorism Measures		LS	--		--	(110)
ESTIMATED CONTRACT COST						22,768
CONTINGENCY (5.00%)						1,138
SUBTOTAL						23,906
SUPV, INSP & OVERHEAD (6.50%)						1,554
DESIGN/BUILD - DESIGN COST						956
TOTAL REQUEST						26,416
TOTAL REQUEST (ROUNDED)						26,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard-design three-company headquarters fire station. Primary facility will include a special foundation, standby generator, antiterrorism measures and building information systems. Provide connection to Energy Monitoring and Control Systems (EMCS). Supporting facilities include utilities, steam and condensate lines, utilidor, communications, paving, sidewalks, storm drainage, and site improvements. Heat will be provided by existing central steam plant. Force protection measures include security lighting, berms, and bollards. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 3 Buildings (TOTAL 2,726 m2/29,338 SF).						
11. REQ:		2,665 m2	ADQT: NONE		SUBSTD:	575 m2
PROJECT: Construct a standard-design three-company headquarters fire station at Fort Greely, AK. (Current Mission)						
REQUIREMENT: This project is required to protect facilities that support the Ft Greely cantonment area, the deployment of the Ground Based Midcourse Missile Defense (GMD) system and operational requirements for Allen Army Airfield.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Greely, Alaska

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 55873
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(391)
Building Information Systems	LS	--	--	(117)
			Total	508

CURRENT SITUATION: There are no adequate or available facilities on or off the installation that can be used to satisfy this requirement. When Ft Greely realigned under Base Realignment and Closure a skeleton workforce provided limited caretaker support for the existing infrastructure. Facilities deteriorated under the harsh Alaskan climate. The Missile Defense Agency's test bed activities and the deployment of an operational Army Ground Based Interceptor Battalion mandated reactivation of the installation. The existing three-bay fire station, constructed in 1955, cannot accommodate the 44 personnel, 17 vehicles, and related equipment for the required three engine company. The fire department supports the cantonment area, the missile field as well as Allen Army Airfield. Its missions include all fire fighting services (structural, airfield crash rescue and wildfire), hazardous material response, spill containment and the only timely emergency medical response within 80 miles. New fire engines are too large to fit into the existing apparatus bays. The building does not meet fire or life safety codes and numerous OSHA violations exist. The existing facility's location precludes meeting the required emergency response time.

IMPACT IF NOT PROVIDED: If this project is not provided, the firefighters will continue to be housed in a substandard, failing, inadequate facility. Expensive equipment will be dispersed in other substandard structures which will further increase response time. The airfield operation which supports both missile deployments and community emergency medical evacuation will also be seriously impaired.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Greely, Alaska

4.PROJECT TITLE Fire Station	5.PROJECT NUMBER 55873
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... OCT 2010
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 611
 - (b) All Other Design Costs..... 366
 - (c) Total Design Cost..... 977
 - (d) Contract..... 611
 - (e) In-house..... 366

 - (4) Construction Contract Award..... JAN 2011

 - (5) Construction Start..... MAR 2011

 - (6) Construction Completion..... DEC 2012

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Greely, Alaska

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 55873
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Lawrence M. Ryan
Phone Number: (907) 873-4582

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM					2. DATE 27 JAN 2010					
3. INSTALLATION AND LOCATION Fort Richardson Alaska			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.82						
6. PERSONNEL STRENGTH:												
			PERMANENT			STUDENTS			SUPPORTED			
			OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009			1013	6819	835	0	87	0	57	101	1915	10,827
B. END FY 2015			1040	6677	837	0	65	0	8	54	1917	10,598
7. INVENTORY DATA (\$000)												
A. TOTAL AREA.....			29,613 ha		(73,174 AC)							
B. INVENTORY TOTAL AS OF 31 DEC 2008.....								3,723,538				
C. AUTHORIZATION NOT YET IN INVENTORY.....								443,564				
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....								113,238				
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....								106,700				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....								0				
G. REMAINING DEFICIENCY.....								687,170				
H. GRAND TOTAL.....								5,074,210				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:												
CATEGORY PROJECT							COST	DESIGN STATUS				
CODE	NUMBER	PROJECT TITLE					(\$000)	START	COMPLETE			
721	55695	Brigade Complex, Ph 1					67,038	09/2008	05/2011			
172	57369	Simulations Center					34,000	09/2009	10/2010			
178	73811	Multipurpose Machine Gun Range					12,200	09/2009	12/2010			
						TOTAL	113,238					
9. FUTURE PROJECT APPROPRIATIONS:												
CATEGORY							COST					
CODE	PROJECT TITLE					(\$000)						
A. INCLUDED IN THE FY 2012 PROGRAM:												
141	Rapid Deployment Facility					39,700						
141	Brigade Complex, Ph 2					67,000						
						TOTAL	106,700					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE												
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A						
10. MISSION OR MAJOR FUNCTIONS:												
Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.												

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Richardson, Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Richardson Alaska				4.PROJECT TITLE Brigade Complex, Ph 1		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 55695		8.PROJECT COST (\$000) Auth 67,038 Approp 67,038	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						48,026
Barracks		m2 (SF)	6,921 (74,496)		3,660	(25,329)
Company Operations Faciities		m2 (SF)	5,868 (63,159)		2,699	(15,836)
Covered Hardstand		m2 (SF)	1,081 (11,640)		1,227	(1,326)
Special Foundations		LS	--		--	(679)
Vehicle Fueling Facility		L (GA)	166,558 (44,000)		11.66	(1,943)
Total from Continuation page						(2,913)
<u>SUPPORTING FACILITIES</u>						9,753
Electric Service		LS	--		--	(1,331)
Water, Sewer, Gas		LS	--		--	(622)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,333)
Storm Drainage		LS	--		--	(623)
Site Imp(2,523) Demo(688)		LS	--		--	(3,211)
Information Systems		LS	--		--	(438)
Antiterrorism Measures		LS	--		--	(195)
ESTIMATED CONTRACT COST						57,779
CONTINGENCY (5.00%)						2,889
SUBTOTAL						60,668
SUPV, INSP & OVERHEAD (6.50%)						3,943
DESIGN/BUILD - DESIGN COST						2,427
TOTAL REQUEST						67,038
TOTAL REQUEST (ROUNDED)						67,038
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction This project is phase 1 of a 2 phase project. Phase 2 is PN 72270 and will be programmed in the future. Construct phase one of a Brigade Complex. Work includes standard design barracks, a company operations facility with covered hardstand for five companies, an administrative facility, and relocation of a fueling point. Project also includes information systems, fire protection and alarm system, Intrusion Detection System (IDS) installation, and Energy Monitoring and Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 2 Buildings (TOTAL 2,335 m2/25,138 SF). Air Conditioning (Estimated 971 kW/276 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE Brigade Complex, Ph 1	5. PROJECT NUMBER 55695
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Administrative Facility	m2 (SF)	27.87 (300)	7,028	(196)
IDS Installation	LS	--	--	(47)
EMCS Connections	LS	--	--	(101)
SDD and EPAct05	LS	--	--	(764)
Antiterrorism Measures	LS	--	--	(1,098)
Building Information Systems	LS	--	--	(707)
			Total	2,913

11. REQ: 3,057 PN ADQT: 1,313 PN SUBSTD: 1,759 PN
PROJECT: Construct Phase 1 of a Brigade Complex at Fort Richardson, AK. (New Mission)

REQUIREMENT: This project is required to accommodate stationing of a Brigade at Fort Richardson, Alaska. This stationing action is directed as part of the Grow the Army initiative. the maximum utilization is 192 Soldiers. Intended utilization is 132 Junior Enlisted and 30 Sergeants.

CURRENT SITUATION: Currently there are no existing facilities available to support this stationing action. All existing facilities suitable for use under these facility categories are fully utilized. This project provides essential permanent living and working facilities to support the stationing of a Brigade at Fort Richardson. Relocatable facilities will be utilized for Company Operations administrative area at less than 50% of the authorized space requirements.

IMPACT IF NOT PROVIDED: If this project is not provided the Brigade will not have permanent living and operational facilities that meet current standards. Continued use of relocatable facilities will be required.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$4.9M has been spent on sustainment, restoration

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE Brigade Complex, Ph 1	5. PROJECT NUMBER 55695
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ADDITIONAL: (CONTINUED)

and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Richardson, AK. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 1,552 personnel at this installation.

	Requested FY2011(\$000)	FYDP FY2012(\$000)
Authorization	\$67,038	\$67,000
Authorization of Appropriation	\$67,038	\$67,000
Appropriation	\$67,038	\$67,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 1,508
- (b) All Other Design Costs..... 905
- (c) Total Design Cost..... 2,413
- (d) Contract..... 1,508
- (e) In-house..... 905

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE Brigade Complex, Ph 1	5. PROJECT NUMBER 55695
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Allan Lucht
Phone Number: 907-384-3000

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Richardson Alaska				4. PROJECT TITLE Simulations Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 172	7. PROJECT NUMBER 57369		8. PROJECT COST (\$000) Auth 34,000 Approp 34,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						25,274
Battle Command Training Center		m2 (SF)	4,279 (46,060)		5,047	(21,598)
Access Control Facility		m2 (SF)	37.16 (400)		6,765	(251)
EMCS Connection		EA	1 --		42,987	(43)
Tactical Operation Pads		EA	2 --		505,471	(1,011)
IDS Installation		LS	--		--	(381)
Total from Continuation page						(1,990)
SUPPORTING FACILITIES						5,488
Electric Service		LS	--		--	(1,365)
Water, Sewer, Gas		LS	--		--	(517)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,417)
Storm Drainage		LS	--		--	(157)
Site Imp(1,301) Demo()		LS	--		--	(1,301)
Information Systems		LS	--		--	(713)
Antiterrorism Measures		LS	--		--	(18)
ESTIMATED CONTRACT COST						30,762
CONTINGENCY (5.00%)						1,538
SUBTOTAL						32,300
SUPV, INSP & OVERHEAD (6.50%)						2,100
TOTAL REQUEST						34,400
TOTAL REQUEST (ROUNDED)						34,000
INSTALLED EQT-OTHER APPROP						(6,814)
10. Description of Proposed Construction Construct a standard design Battle Command Training Center (BCTC). Primary facilities include the Battle Command Training Center, Access Control Facility, Tactical Operations Center (TOC) Pads, installation of Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS), and building information systems. Support facilities include electric service; water, sewer and gas; paving; storm drainage; site improvements; and information systems. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Heating will be provided by a self contained unit. Accessibility for persons with disabilities will be provided in public areas. Air Conditioning (Estimated 404 kW/115 Tons).						
11. REQ:		4,279 m2	ADQT:		NONE	SUBSTD: 4,084 m2
PROJECT: Construct a standard design Battle Command Training Center at Fort Richardson, AK. (Current Mission)						
REQUIREMENT: This project is required to support individual and collective digital training and battle staff training using constructive simulations with command, control, communications, computers and intelligence interoperability (C4I). This project is required to provide effective training in the command						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 57369
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Communication Tower	LS	--	--	(1)
SDD and EPAct05	LS	--	--	(412)
Antiterrorism Measures	LS	--	--	(412)
Building Information Systems	LS	--	--	(1,165)
			Total	1,990

REQUIREMENT: (CONTINUED)

and control of individual as well as combined operations in a simulated tactical environment, incorporating appropriate opposing forces. This facility is required to support several different levels of battle command training for contingency force units and various additional combat, combat support, and combat service support units. Battle simulations and command post exercises are conducted at company, battalion, brigade, division, corps and joint levels. The size and complexity of battle command training using simulations and C4I systems have increased significantly.

CURRENT SITUATION: Current Battle Command capability does not support expanded training needs for battle command using increased simulations, instrumentation and C4I systems. Present training limits the integration of combat systems C4I systems, and equipment and does not provide a platform for integration of other Army and joint battle command systems. Minimum required capabilities of integrating architecture, operational C4I system stimulation, reach capability and training sustainment are not available. The need is not being fully met.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Richardson will not have adequate battle command training and simulation enhanced facilities for individual and collective digital and battle staff training. The quality of battle command and staff simulation exercises and unit C4I expertise will decline. Essential training and skill development will not be able to keep pace with mission demands.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Richardson, Alaska		
4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 57369	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2009</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>NO</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Riley</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>1,337</u></p> <p>(b) All Other Design Costs..... <u>1,337</u></p> <p>(c) Total Design Cost..... <u>2,674</u></p> <p>(d) Contract..... <u>1,337</u></p> <p>(e) In-house..... <u>1,337</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2013</u></p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE Simulations Center	5.PROJECT NUMBER 57369
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Equipment	OPA	2012	6,570
Info Sys - ISC	OPA	2012	244
TOTAL			6,814

Installation Engineer: Allan D. Lucht
Phone Number: 907-384-3000

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Richardson Alaska				4. PROJECT TITLE Multipurpose Machine Gun Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 73811		8. PROJECT COST (\$000) Auth 12,200 Approp 12,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						10,814
Multipurpose Machine Gun Range		FP	10 --		968,287	(9,683)
Range Operations & Control Area		EA	1 --		133,467	(133)
Operations/Storage Building		m2 (SF)	74.32 (800)		3,135	(233)
Classroom Building		m2 (SF)	74.32 (800)		4,153	(309)
Latrine		EA	1 --		146,687	(147)
Total from Continuation page						(309)
SUPPORTING FACILITIES						176
Electric Service		LS	--		--	(53)
Site Imp(94) Demo()		LS	--		--	(94)
Information Systems		LS	--		--	(29)
ESTIMATED CONTRACT COST						10,990
CONTINGENCY (5.00%)						550
SUBTOTAL						11,540
SUPV, INSP & OVERHEAD (6.50%)						750
TOTAL REQUEST						12,290
TOTAL REQUEST (ROUNDED)						12,200
INSTALLED EQT-OTHER APPROP						(2,055)
10. Description of Proposed Construction Upgrade an existing Multipurpose Machine Gun Range (MPMG). Primary facilities include the MPMG, range operations and control area, operations and storage building, classroom building, latrine, bleacher enclosure, ammunition breakdown building, antiterrorism measures, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, site improvements and information systems. Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ: 10 FP ADQT: NONE SUBSTD: 6 FP						
PROJECT: Upgrade a Multipurpose Machine Gun Range (MPMG) at Fort Richardson, AK. (Current Mission)						
REQUIREMENT: This MPMG is required to provide basic war fighting training and improve marksmanship skills for all Department of Defense personnel stationed in this area of Alaska. The range will be used to help Soldiers prepare for worldwide operations and deployments. This complex satisfies the training and qualification requirements of the squad automatic weapon and other machine guns, the 40mm grenade launcher, and sniper weapon systems.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE Multipurpose Machine Gun Range	5. PROJECT NUMBER 73811
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Bleacher Enclosure	m2 (SF)	67.45 (726)	2,652	(179)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	6,299	(108)
SDD and EPAct05	LS	--	--	(10)
Antiterrorism Measures	LS	--	--	(10)
Building Information Systems	LS	--	--	(2)
Total				309

CURRENT SITUATION: Fort Richardson has a 6-lane MPMG that does not meet current standards. This range does not allow units to meet training requirements for Transformation.

IMPACT IF NOT PROVIDED: Failure to provide a standardized MPMG range will result in Soldiers not receiving required training needed to fully support their critical combat roles. Additionally, advanced weapons marksmanship training will not be adequately supported at the site. This will adversely impact on readiness and availability of Units for deployment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2009
 - (b) Percent Complete As Of January 2010..... 5.00
 - (c) Date 35% Designed..... JUN 2010
 - (d) Date Design Complete..... DEC 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE

Multipurpose Machine Gun Range

5. PROJECT NUMBER

73811

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	650
(b) All Other Design Costs.....	512
(c) Total Design Cost.....	1,162
(d) Contract.....	860
(e) In-house.....	302
(4) Construction Contract Award.....	MAR 2011
(5) Construction Start.....	MAY 2011
(6) Construction Completion.....	MAY 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Targetry	OPA	2012	2,000
Furniture	OPA	2012	52
Info Sys - ISC	OPA	2012	3
		TOTAL	2,055

Installation Engineer: ALLAN D. LUCHT
Phone Number: 907-384-3000

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 2.20	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	800	5565	926	0	0	0	6 121 2244 9,662
B. END FY 2015	848	5799	1063	0	0	0	10 120 2192 10,032
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	649,130 ha		(1,604,029 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						7,253,901	
C. AUTHORIZATION NOT YET IN INVENTORY.....						893,858	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						173,000	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						109,000	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						382,049	
H. GRAND TOTAL.....						8,811,808	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
211	67112	Aviation Task Force Complex, Ph 2A (Hngar)			142,650	09/2008	05/2011
178	71697	Urban Assault Course			3,350	09/2008	10/2010
141	76573	Aviation Task Force Complex, Ph 1 Incr 2			30,000	09/2006	05/2010
141	76873	Aviation Task Force Complex, Ph 2B (COF)			27,000	09/2008	05/2011
TOTAL					203,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE		PROJECT TITLE			(\$000)		
A. INCLUDED IN THE FY 2012 PROGRAM:							
141		Aviation Task Force Complex, Ph 3			109,000		
TOTAL					109,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Fort Wainwright garrisons elements of the 172nd Infantry Brigade and supporting organizations. It also provides on-post Army family housing for approximately 1860 families. Support includes training ranges and maneuver areas on post and at the Donnelly Training Area.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Wainwright, Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska			4.PROJECT TITLE Aviation Task Force Complex, Ph 2A (Hngar)			
5.PROGRAM ELEMENT 22096A	6.CATEGORY CODE 211	7.PROJECT NUMBER 67112		8.PROJECT COST (\$000) Auth 142,650 Approp 142,650		
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					114,782	
Aircraft Maintenance Hangar		m2 (SF)	12,601 (135,636)	6,018	(75,830)	
Rotary Wing Parking Apron		m2 (SY)	67,726 (81,000)	178.72	(12,104)	
Water Storage Building		m2 (SF)	743.22 (8,000)	3,840	(2,854)	
Ground Storage Tank (Water)		EA	2 --	456,806	(914)	
Special Foundations		LS	--	--	(16,955)	
Total from Continuation page					(6,125)	
SUPPORTING FACILITIES					8,166	
Electric Service		LS	--	--	(1,110)	
Water, Sewer, Gas		LS	--	--	(993)	
Steam And/Or Chilled Water Dist		LS	--	--	(1,941)	
Paving, Walks, Curbs & Gutters		LS	--	--	(1,907)	
Storm Drainage		LS	--	--	(559)	
Site Imp(437) Demo()		LS	--	--	(437)	
Information Systems		LS	--	--	(167)	
Antiterrorism Measures		LS	--	--	(159)	
Utilidors		LS	--	--	(893)	
ESTIMATED CONTRACT COST					122,948	
CONTINGENCY (5.00%)					6,147	
SUBTOTAL					129,095	
SUPV, INSP & OVERHEAD (6.50%)					8,391	
DESIGN/BUILD - DESIGN COST					5,164	
TOTAL REQUEST					142,650	
TOTAL REQUEST (ROUNDED)					142,650	
INSTALLED EQT-OTHER APPROP					()	
10.Description of Proposed Construction This is phase 2A of a four phase project for \$142.65M. Phase 1, PN 65076, \$125M was requested in FY 2010. Phase 1 was incremented. Phase 1, increment 2, PN 76573 for \$30M is requested in FY 2011. Phase 2B, PN 76873 for \$27M is also requested in FY 2011. Phase 3, PN 67113, estimated at \$109M, will be requested in FY2012. Phase 4, PN 67116 estimated at \$61M will be requested in FY2013. Construct standard design facilities for an Aviation Task Force Complex. Primary facilities include an Aircraft Maintenance Hangar, Rotary Wing Parking, water storage tanks and water storage building. Project includes installation of Intrusion Detection System (IDS), Mass Notifications Systems, connection to Energy Monitoring and Control Systems (EMCS), special foundations, and Building Information Systems. Supporting facilities include utilities; electric service, water, sewer, steam distribution lines, paving, walks, curbs and gutters, parking, storm drainage, utilidors, site improvements and information systems. Accessibility for individuals with disabilities will be provided in public areas. Anti-terrorism/force protection measures will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities costs include						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 2A (Hngar)	5. PROJECT NUMBER 67112
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(1,744)
SDD and EPAct05	LS	--	--	(1,826)
Antiterrorism Measures	LS	--	--	(2,282)
Building Information Systems	LS	--	--	(273)
			Total	6,125

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

extensive earthwork and the requirements for underground utilidors to protect the utilities in arctic climates. Air Conditioning (Estimated 18 kW/5 Tons).

11. REQ: 11,480 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Construct a standard design Aviation Task Force Complex, Phase 2A at Fort Wainwright, AK. (Current Mission)

REQUIREMENT: This project is required for Fort Wainwright, Alaska to support the stationing of an Aviation Task Force of approximately 1,316 Soldiers in accordance with the Global Defense Posture Realignment (GDPR).

CURRENT SITUATION: Adequate existing facilities do not exist to accommodate the stationing action of the Aviation Task Force to Fort Wainwright, Alaska. All existing facilities suitable for conversion to use under these facility category codes are occupied by other tenants. This project provides essential permanent maintenance and operational facilities to support the Aviation Task Force stationing at Fort Wainwright, Alaska.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to accomplish the permanent stationing of the Aviation Task Force at Fort Wainwright, Alaska. In addition, several other restationing actions are occurring in the same timeframe. Military personnel will continue to live and work in substandard and inadequate facilities which will adversely impact quality of life, morale, retention and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 2A (Hngar)	5. PROJECT NUMBER 67112
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ADDITIONAL: (CONTINUED)
Executive Orders.

	FY2010 (\$000)	Requested FY2011 (\$000)	FYDP FY2012 (\$000)	FYDP FY2013 (\$000)
Authorization	\$125,000	\$169,650	\$109,000	\$61,000
Authorization of Appropriation	\$95,000	\$199,650	\$109,000	\$61,000
Appropriation	\$95,000	\$199,650	\$109,000	\$61,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... OCT 2010
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Riley
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 3,651
 - (b) All Other Design Costs..... 2,191
 - (c) Total Design Cost..... 5,842
 - (d) Contract..... 3,651
 - (e) In-house..... 2,191
 - (4) Construction Contract Award..... DEC 2010
 - (5) Construction Start..... JAN 2011
 - (6) Construction Completion..... OCT 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE Aviation Task Force Complex, Ph 2A (Hngar)	5.PROJECT NUMBER 67112
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Micheal Meeks
Phone Number: 907-363-7287

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska				4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 71697		8. PROJECT COST (\$000) Auth 3,350 Approp 3,350	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,597
Urban Assault Course		SN	3 --		656,435	(1,969)
Downrange Electrical		EA	1 --		31,785	(32)
Range Operations & Storage		m2 (SF)	74.32 (800)		4,770	(354)
Ammo Breakdown Building		m2 (SF)	17.19 (185)		4,791	(82)
SDD and EPAct05		LS	--		--	(8)
Total from Continuation page						(152)
<u>SUPPORTING FACILITIES</u>						403
Electric Service		LS	--		--	(49)
Paving, Walks, Curbs & Gutters		LS	--		--	(52)
Storm Drainage		LS	--		--	(14)
Site Imp(51) Demo()		LS	--		--	(51)
Information Systems		LS	--		--	(237)
ESTIMATED CONTRACT COST						3,000
CONTINGENCY (5.00%)						<u>150</u>
SUBTOTAL						3,150
SUPV, INSP & OVERHEAD (6.50%)						<u>205</u>
TOTAL REQUEST						3,355
TOTAL REQUEST (ROUNDED)						3,350
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities include the UAC; downrange electrical; operations and storage building; ammunition breakdown building; and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, paving, storm drainage, and information systems. Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ: 5 SN ADQT: NONE SUBSTD: 3 SN						
PROJECT: Construct a standard design Urban Assault Course at Fort Wainwright, AK. (New Mission)						
REQUIREMENT: This facility is used to train individual Soldiers, squads, and platoons on tasks necessary to operate within a built-up/urban area.						
CURRENT SITUATION: The current need is not fully met. Individual urban centric training on a nonstandard range results in longer range periods and nonstandard urban techniques in order to adjust to training physical limitations.						
IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will not be able to train to current standards and requirements. Soldiers will continue to train on sub and nonstandard training facilities.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 71697
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(1)
Building Information Systems	LS	--	--	(151)
			Total	152

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 352
- (b) All Other Design Costs..... 15
- (c) Total Design Cost..... 367
- (d) Contract..... 188
- (e) In-house..... 179

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE Urban Assault Course	5.PROJECT NUMBER 71697
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Michael T. Meeks
Phone Number: 907-363-7287

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Aviation Task Force Complex, Ph 1 Incr 2		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 76573	8. PROJECT COST (\$000) Auth Approp 30,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					78,606
Barracks	m2 (SF)		9,997 (107,604)	4,467	(44,656)
Vehicle Maintenance Shop	m2 (SF)		3,464 (37,290)	4,534	(15,709)
Aircraft Parts Storage Building	m2 (SF)		1,858 (20,000)	2,060	(3,828)
Oil & Haz Material Storage	m2 (SF)		200.67 (2,160)	2,265	(455)
Organizational Vehicle Parking	m2 (SY)		44,234 (52,904)	225.50	(9,975)
Total from Continuation page					(3,983)
<u>SUPPORTING FACILITIES</u>					28,750
Electric Service	LS		--	--	(858)
Water, Sewer, Gas	LS		--	--	(1,895)
Steam And/Or Chilled Water Dist	LS		--	--	(1,961)
Paving, Walks, Curbs & Gutters	LS		--	--	(2,962)
Storm Drainage	LS		--	--	(1,388)
Site Imp(8,012) Demo()	LS		--	--	(8,012)
Information Systems	LS		--	--	(466)
Antiterrorism Measures	LS		--	--	(514)
Utilidors	LS		--	--	(10,694)
ESTIMATED CONTRACT COST					107,356
CONTINGENCY (5.00%)					5,368
SUBTOTAL					112,724
SUPV, INSP & OVERHEAD (6.50%)					7,327
DESIGN/BUILD - DESIGN COST					4,509
TOTAL REQUEST					124,560
TOTAL REQUEST (ROUNDED)					125,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction This is phase 1, increment 2 of a four phase project. The full authorization of \$125M of phase 1 was requested in FY10 (PN 65076) with the first funding increment of \$95M. The phase 1 second funding increment of \$30M is requested in FY11 (PN 76573). Phase 2A, (PN 67122) for \$142.65M and phase 2B (PN 76873) for \$27M are requested in FY 2011. Phase 3 and Phase 4 will be requested in the future. Primary facilities include barracks, a vehicle maintenance shop, aircraft parts storage, oil and hazardous material storage and vehicle parking. Project includes building Information Systems, connection to Energy Monitoring and Control systems (EMCS) and installation of intrusion detection system (IDS). Supporting facilities include utilities; electric service; water, sewer, steam connections, paving, walks, curbs and gutters; parking; storm drainage; site improvements and information systems. Accessibility for individuals with disabilities will be provided in public areas. Anti-terrorism (AT) measures will be provided. Special foundations are required. Comprehensive building and furnishings related interior design services is required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 281 kW/80 Tons).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 1 Incr 2	5. PROJECT NUMBER 76573
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(712)
IDS Installation	LS	--	--	(34)
EMCS Connections	LS	--	--	(300)
SDD and EPAct05	LS	--	--	(1,331)
Antiterrorism Measures	LS	--	--	(895)
Building Information Systems	LS	--	--	(711)
			Total	3,983

11. REQ: 2,456 PN ADQT: 1,724 PN SUBSTD: 1,463 PN
PROJECT: Construct a standard design Aviation Task Force Complex, Phase 1 at Fort Wainwright, Alaska. (Current Mission)
REQUIREMENT: This project is required to support the modular Army conversion to an Aviation Task Force in permanent facilities meeting current Army standards. The maximum utilization will be 294 Soldiers and the intended utilization will be 202 Junior Enlisted Soldiers and 24 Sergeants.
CURRENT SITUATION: Adequate existing facilities do not exist to accommodate the stationing action of the Aviation Task Force. All existing facilities suitable for use under these facility category codes are occupied by other tenants. This project provides for mission essential permanent living and working facilities to support the transformation to an Aviation Task Force.
IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to permanently station the transformed Aviation Task Force at Fort Wainwright, Alaska.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.
During the past two years, \$25.5 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Wainwright, Alaska. Upon

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 1 Incr 2	5. PROJECT NUMBER 76573
--	--------------------------------

ADDITIONAL: (CONTINUED)

completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is 438 personnel at this installation.

	FY2010 (\$000)	Requested FY2011 (\$000)	FYDP FY2012 (\$000)	FYDP FY2013 (\$000)
Authorization	\$125,000	\$169,650	\$109,000	\$61,000
Authorization of Appropriation	\$95,000	\$199,650	\$109,000	\$61,000
Appropriation	\$95,000	\$199,650	\$109,000	\$61,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2006
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... OCT 2010
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Wainwright

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,833
 - (b) All Other Design Costs..... 1,700
 - (c) Total Design Cost..... 4,533
 - (d) Contract..... 2,833
 - (e) In-house..... 1,700

- (4) Construction Contract Award..... JAN 2010

- (5) Construction Start..... MAR 2010

- (6) Construction Completion..... MAR 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 1 Incr 2	5. PROJECT NUMBER 76573
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>
NA			

Installation Engineer: Micheal Meeks
Phone Number: 907-363-7287

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska				4.PROJECT TITLE Aviation Task Force Complex, Ph 2B (COF)		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 76873		8.PROJECT COST (\$000) Auth 27,000 Approp 27,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNITCOST	COST (\$000)
<u>PRIMARY FACILITY</u>						16,835
Company Operations Facility		m2 (SF)	1,075 (11,567)		5,266	(5,659)
Enclosed Hardstand		m2 (SF)	155.24 (1,671)		1,981	(308)
Organizational Unit Storage		m2 (SF)	1,333 (14,350)		2,637	(3,516)
Nonorganizational Parking Area		m2 (SY)	37,288 (44,596)		81.97	(3,057)
Water Well, Potable		EA	1 --		1951049	(1,951)
Total from Continuation page						(2,344)
<u>SUPPORTING FACILITIES</u>						6,537
Electric Service		LS	--		--	(655)
Water, Sewer, Gas		LS	--		--	(271)
Steam And/Or Chilled Water Dist		LS	--		--	(240)
Paving, Walks, Curbs & Gutters		LS	--		--	(539)
Site Imp(1,853) Demo(2,182)		LS	--		--	(4,035)
Information Systems		LS	--		--	(638)
Antiterrorism Measures		LS	--		--	(159)
ESTIMATED CONTRACT COST						23,372
CONTINGENCY (5.00%)						<u>1,169</u>
SUBTOTAL						24,541
SUPV, INSP & OVERHEAD (6.50%)						1,595
DESIGN/BUILD - DESIGN COST						<u>982</u>
TOTAL REQUEST						27,118
TOTAL REQUEST (ROUNDED)						27,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction This is phase 2B of a four phase project to construct the permanent facilities required to support the stationing of the Aviation Task Force at Ft. Wainwright, Alaska. Phase 1, PN 65076, \$125M, was requested in FY2010. Phase 1 was incremented. Phase 1, increment 2, PN 76573, for \$30M is requested in FY 2011. Phase 2A, PN 67122 for \$142.65M is requested in FY 2011. Phase 3 and Phase 4 will be requested in the future. Primary facilities include a Company Operations Facility with Enclosed Hardstand, Organizational Unit Storage, Potable Water Well, connection to Energy Monitoring and Control System (EMCS) and installation of an Intrusion Detection Systems (IDS), Mass Notifications Systems, special foundations, Building Information Systems and Antiterrorism features. Supporting facilities include electric service; water, sewer, steam distribution lines; paving, walks, curbs and gutters; parking; storm drainage; security fencing, and site information systems. Accessibility for individuals with disabilities will be provided in public areas. Anti-terrorism/force protection measures will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 3 Buildings (TOTAL 3,868 m2/41,639 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 2B (COF)	5. PROJECT NUMBER 76873
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(1,216)
IDS Installation	LS	--	--	(396)
EMCS Connection	LS	--	--	(44)
SDD and EPAct05	LS	--	--	(171)
Antiterrorism Measures	LS	--	--	(232)
Building Information Systems	LS	--	--	(285)
			Total	2,344

11. REQ: 61,411 m2 ADQT: 41,933 m2 SUBSTD: NONE
PROJECT: Construct a standard design Aviation Task Force Complex, Phase 2B, at Fort Wainwright, AK. (Current Mission)
REQUIREMENT: This project is required by the Army's directive for Fort Wainwright, Alaska to support the stationing of an Aviation Task Force of approximately 1,316 Soldiers in accordance with the Global Defense Posture Realignment (GDPR).
CURRENT SITUATION: Adequate existing facilities do not exist to accommodate the stationing action of the Aviation Task Force to Fort Wainwright, Alaska. All existing facilities suitable for conversion to use under these facility category codes are occupied by other tenants. This project provides essential permanent maintenance and operational facilities to support the Aviation Task Force stationing at Fort Wainwright, Alaska.
IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to accomplish the permanent stationing of the Aviation Task Force at Fort Wainwright, Alaska. In addition, several other restationing actions are occurring in the same timeframe. Military personnel will continue to live and work in substandard and inadequate facilities which will adversely impact quality of life, morale, retention and readiness.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 2B (COF)	5. PROJECT NUMBER 76873
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ADDITIONAL: (CONTINUED)

Executive Orders.

	FY2010 (\$000)	Requested FY2011 (\$000)	FYDP FY2012 (\$000)	FYDP FY2013 (\$000)
Authorization	\$125,000	\$169,650	\$109,000	\$61,000
Authorization of Appropriation	\$95,000	\$199,650	\$109,000	\$61,000
Appropriation	\$95,000	\$199,650	\$109,000	\$61,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... OCT 2010
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Riley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 3,651
- (b) All Other Design Costs..... 2,191
- (c) Total Design Cost..... 5,842
- (d) Contract..... 3,651
- (e) In-house..... 2,191

(4) Construction Contract Award..... DEC 2010

(5) Construction Start..... JAN 2011

(6) Construction Completion..... OCT 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE Aviation Task Force Complex, Ph 2B (COF)	5.PROJECT NUMBER 76873
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Michael T. Meeks
Phone Number: 907-361-7287

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
California	Presidio of Monterey (IMCOM)				57
53789	Advanced Individual Training Barracks	63,000	63,000	C	59
60285	General Instruction Building	39,000	39,000	C	63
63015	Satellite Communications Facility	38,000	38,000	C	67
		-----	-----		
	Subtotal Presidio of Monterey Part I	\$ 140,000	140,000		
	* TOTAL MCA FOR California	\$ 140,000	140,000		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Presidio of Monterey California			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.28	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	70	169	1867	408	3694	2	42 200 2107 8,559
B. END FY 2015	100	257	2162	394	5607	6	11 55 2050 10,642
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	490 ha		(1,212 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						1,451,538	
C. AUTHORIZATION NOT YET IN INVENTORY.....						43,000	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						140,000	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						2,550	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						469,383	
H. GRAND TOTAL.....						2,106,471	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	53789	Advanced Individual Training Barracks		63,000	09/2008	10/2010	
171	60285	General Instruction Building		39,000	10/2007	10/2010	
131	63015	Satellite Communications Facility		38,000	09/2008	10/2010	
TOTAL				140,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
171	DLI-Gen Instruction Bldg (Weckerling Ctr)			2,550			
TOTAL				2,550			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Provide professional base support services which facilitate mission readiness and promote well-being for all supported elements. Home of the Defense Language Institute Foreign Language Center (DLIFLC) which provides foreign language education, training, evaluation, and sustainment for DoD personnel in order to ensure the success of the Defense Foreign Language Program and enhance the security of the Nation.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Presidio of Monterey, California

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Presidio of Monterey California				4.PROJECT TITLE Advanced Individual Training Barracks		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 53789		8.PROJECT COST (\$000) Auth 63,000 Approp 63,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						47,126
Barracks		m2 (SF)	11,535 (	124,160)	2,555	(29,472)
Administrative Facility		m2 (SF)	1,700 (	18,300)	2,988	(5,080)
Dining Facility		m2 (SF)	2,462 (	26,500)	4,020	(9,897)
Swing Space Housing		LS	--		--	(149)
IDS Installation		LS	--		--	(20)
Total from Continuation page						(2,508)
<u>SUPPORTING FACILITIES</u>						10,072
Electric Service		LS	--		--	(696)
Water, Sewer, Gas		LS	--		--	(1,392)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,478)
Storm Drainage		LS	--		--	(92)
Site Imp(3,116) Demo(1,342)		LS	--		--	(4,458)
Information Systems		LS	--		--	(1,774)
Antiterrorism Measures		LS	--		--	(182)
ESTIMATED CONTRACT COST						57,198
CONTINGENCY (5.00%)						<u>2,860</u>
SUBTOTAL						60,058
SUPV, INSP & OVERHEAD (5.70%)						<u>3,423</u>
TOTAL REQUEST						63,481
TOTAL REQUEST (ROUNDED)						63,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a training barracks building based on permanent party standard designs for 320 Soldiers, administrative facility, and a standard design dining facility. Project will include formation areas, parking, and physical training space. Provide connection to Energy Monitoring and Control Systems (EMCS) and installation of Intrusion Detection Systems (IDS). Temporary swing space housing will be provided during construction of these facilities. Supporting facilities include electric service; water, sewer, and gas; paving, walks, curbs and gutters; storm drainage; site improvement and demolition; information systems; and antiterrorism measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 1 Building (TOTAL 7,672 m2/82,583 SF).						
11. REQ:		2,111 PN ADQT:		1,622 PN SUBSTD:		1,120 PN
PROJECT: Construct Advanced Individual Training Barracks at Presidio of Monterey, CA. (Current Mission)						
REQUIREMENT: Project is required to provide adequate barracks for language students at the Defense Language Institute Foreign Language Center (DLIFLC). Students housed at two per module can continue their target language studies						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE Advanced Individual Training Barracks	5. PROJECT NUMBER 53789
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(135)
SDD and EPAct05	LS	--	--	(867)
Antiterrorism Measures	LS	--	--	(867)
Building Information Systems	LS	--	--	(639)
			Total	2,508

REQUIREMENT: (CONTINUED)

after school hours. Communication and home study is improved with interchange between two students studying a like language. Facilities are required to replace old "gang latrine" barracks, increase dining facility capacity, and provide administrative facilities.

CURRENT SITUATION: Existing barracks and dining facilities date to 1957-1965. These gang latrine barracks and dining facilities are maintenance intensive and their utility infrastructures are in need of extensive repairs even for the current population. The dining facility is old and is overloaded at lunch due to its location in relationship to the majority of academic facilities.

IMPACT IF NOT PROVIDED: Language students (service members) will continue to live in an old, crowded, and difficult to maintain barracks. Administrative operations will continue to be housed in the barracks that in turn reduces living space capacity. Crowding students into the current living spaces degrades their ability to complete their home study requirements and adversely impacts the entire language training mission of the Defense Language Institute.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the best method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Presidio of Monterey, California		
4. PROJECT TITLE Advanced Individual Training Barracks	5. PROJECT NUMBER 53789	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Adapt-Build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Lee</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>945</u></p> <p>(b) All Other Design Costs..... <u>944</u></p> <p>(c) Total Design Cost..... <u>1,889</u></p> <p>(d) Contract..... <u>945</u></p> <p>(e) In-house..... <u>944</u></p> <p>(4) Construction Contract Award..... <u>FEB 2011</u></p> <p>(5) Construction Start..... <u>APR 2011</u></p> <p>(6) Construction Completion..... <u>NOV 2013</u></p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE Advanced Individual Training Barracks	5. PROJECT NUMBER 53789
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Tai H. Cao
Phone Number: 831-242-6837

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Presidio of Monterey California				4. PROJECT TITLE General Instruction Building		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 171	7. PROJECT NUMBER 60285		8. PROJECT COST (\$000) Auth 39,000 Approp 39,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						31,699
General Instruction Building		m2 (SF)	10,219 (110,000)		2,805	(28,666)
Special Foundation		LS	--		--	(275)
EMCS Connection		LS	--		--	(131)
IDS Installation		LS	--		--	(16)
SDD and EPAct05		LS	--		--	(573)
Total from Continuation page						(2,038)
SUPPORTING FACILITIES						3,821
Electric Service		LS	--		--	(720)
Water, Sewer, Gas		LS	--		--	(336)
Paving, Walks, Curbs & Gutters		LS	--		--	(961)
Storm Drainage		LS	--		--	(196)
Site Imp(995) Demo()		LS	--		--	(995)
Information Systems		LS	--		--	(584)
Antiterrorism Measures		LS	--		--	(29)
ESTIMATED CONTRACT COST						35,520
CONTINGENCY (5.00%)						1,776
SUBTOTAL						37,296
SUPV, INSP & OVERHEAD (5.70%)						2,126
TOTAL REQUEST						39,422
TOTAL REQUEST (ROUNDED)						39,000
INSTALLED EQT-OTHER APPROP						(2,227)
10. Description of Proposed Construction Construct a standard design General Instruction Building. The facility includes classrooms, staff and faculty offices, storage, test control areas, conference room, multi-purpose training areas, cultural rooms, curriculum resource areas, multi-media laboratories, break areas, and other academic support areas, energy monitoring and control system connections, intrusion detection system (IDS) installation, and building information systems. Supporting facilities include all utilities and mechanical systems support, fire protection and alarm systems, parking, paving, walks, curbs and gutters, storm drainage, information/network support systems, and site improvements. Special foundations are required. Access for persons with disabilities will be provided. Antiterrorism/Force Protection measures will be provided to include laminated glazing, pressure rated doors, and site limiting landscaping features. Heating and air conditioning provided by self contained systems. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 77 kW/22 Tons).						
11. REQ:		77,909 m2	ADQT:		37,882 m2	SUBSTD: 16,842 m2
PROJECT: Construct a General Instruction Building at Presidio of Monterey,						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 60285
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(486)
Building Information Systems	LS	--	--	(1,552)
			Total	2,038

PROJECT: (CONTINUED)

CA. (Current Mission)

REQUIREMENT: This project is required to support transforming language instruction to meet increased proficiency requirements of the Combatant Commands (COCOMs), Services, and National Security Agency (NSA). As a result of additional and increasing requirements, the Defense Language Institute Foreign Language Center (DLIFLC) experienced a 40% increase in student population projections (FY 2003-2010). This increase in population is directly attributable to a surge in requirements from the COCOMs, Services, and NSA. Those requirements are associated with our Overseas Contingency Operations and other national security requirements. Additionally, the Secretary of Defense funded DLIFLC to increase the proficiency of linguists based on needs assessments from the COCOMs, Services, and NSA. To meet these needs and execute the Secretary of Defense's directives, DLIFLC initiated a program that, among other things, reduced the number of students per classroom. This reduction will improve student-to-instructor ratios, and ultimately enhance the reading, listening, and speaking proficiency of our linguists. DLIFLC is a unique institution with unique requirements, and cannot be replicated. Given the urgency of the growing requirements, additional instructional facilities are needed. In addition, DLIFLC is required to support considerable growth of students over a five-year period. Increases in staff and faculty to support these changes in ratios and planned course growth are substantial. FY05 alone saw a growth of 250 new employees. The total growth for staff and faculty, FY05 through FY10, equals approximately 600 new employees. Transforming current practice and incorporating significant growth will require a sizable expansion of offices and classrooms, yielding an increase in classroom requirements by nearly 200 additional classrooms.

CURRENT SITUATION: Language instruction, faculty and support offices are housed in substandard, converted barracks buildings that lack adequate and efficient heating, lighting, ventilation, acoustics, sanitary facilities, and fire protection. Many of the structures date from 1903. Present facilities do not provide adequate classroom and staff/faculty office space, layout, or environmental conditions necessary for intensive learning activities, and support facilities. DLIFLC school and support functions are widely separated across the Presidio of Monterey. This situation prevents the consolidation of activities and leads to logistical and management span of control problems in

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 60285
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CURRENT SITUATION: (CONTINUED)
both classrooms and support offices. Increases in language requirements have required temporary leasing of classrooms off-post. The benefits of a central campus are significant in terms of management and efficient use of limited resources such as testing facilities, laboratories, and other academic support systems. Additional off-post classrooms are in short supply and represent temporary and an unsustainable solution to programmed growth. DLIFLC's ability to meet mission requirements (train, sustain, and evaluate foreign language skills) is substantially degraded by these factors.
IMPACT IF NOT PROVIDED: If this project is not provided, the ability of the Defense Language Institute Foreign Language Center (DLIFLC) to raise language proficiency will not be achieved. The lack of additional classrooms will prevent reduction of student-to-instructor ratio; the most critical cornerstone of DLIFLC's transformation plan. This continued shortage of space will severely limit language curriculum, evaluation, and faculty development, which will make it unlikely they meet the desired language proficiency in accordance with the Secretary of Defense's directives.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... OCT 2007
(b) Percent Complete As Of January 2010..... 65.00
(c) Date 35% Designed..... SEP 2009
(d) Date Design Complete..... OCT 2010
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: Design-bid-build
(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Presidio of Monterey

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 60285
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>1,540</u>
(b) All Other Design Costs.....	<u>1,540</u>
(c) Total Design Cost.....	<u>3,080</u>
(d) Contract.....	<u>1,540</u>
(e) In-house.....	<u>1,540</u>
(4) Construction Contract Award.....	<u>DEC 2010</u>
(5) Construction Start.....	<u>FEB 2011</u>
(6) Construction Completion.....	<u>JUN 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Gen Inst Bldg- Equip	OPA	2011	2,161
Info Sys - ISC	OPA	2012	66
		TOTAL	<u>2,227</u>

Installation Engineer: Tai H. Cao
Phone Number: (831)242-6837

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Presidio of Monterey California				4. PROJECT TITLE Satellite Communications Facility		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 131	7. PROJECT NUMBER 63015		8. PROJECT COST (\$000) Auth 38,000 Approp 38,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						29,964
SATCOM Center		m2 (SF)	3,995 (43,000)		6,216	(24,830)
Command/Admin Support Center		m2 (SF)	639.17 (6,880)		2,986	(1,909)
SATCOM Repair & Utilities Bldg		m2 (SF)	532.89 (5,736)		2,096	(1,117)
Storage Shed, Covered		m2 (SF)	185.81 (2,000)		579.52	(108)
Standby Generators		LS	--		--	(148)
Total from Continuation page						(1,852)
<u>SUPPORTING FACILITIES</u>						4,718
Electric Service		LS	--		--	(955)
Water, Sewer, Gas		LS	--		--	(1,625)
Paving, Walks, Curbs & Gutters		LS	--		--	(450)
Storm Drainage		LS	--		--	(226)
Site Imp(1,024) Demo(42)		LS	--		--	(1,066)
Information Systems		LS	--		--	(323)
Antiterrorism Measures		LS	--		--	(73)
ESTIMATED CONTRACT COST						34,682
CONTINGENCY (5.00%)						<u>1,734</u>
SUBTOTAL						36,416
SUPV, INSP & OVERHEAD (5.70%)						<u>2,076</u>
TOTAL REQUEST						38,492
TOTAL REQUEST (ROUNDED)						38,000
INSTALLED EQT-OTHER APPROP						(1,558)
10. Description of Proposed Construction Construct a Strategic Communications Earth Station Operations, Satellite Communications (SATCOM) Repair and Utilities Facilities, and Command/Administration Support Center. Project will include space for electronic equipment, operations and systems maintenance support areas, technical control center, network operations center, satellite repair facility, secure conference/training areas, technical library, break area, storage, loading docks, and antenna operating sites with cable trenches. The facility will include fire protection/detection systems and connection to the on-site power generation system. Project will also include a storage shed, standby generators, connection to Energy Monitoring and Control Systems (EMCS) and installation of Intrusion Detection Systems (IDS). Supporting facilities include utilities, information systems, paved parking, sidewalks, curb, gutters, storm drainage, landscaping, exterior lighting, access roads, retaining walls, and site development. Comprehensive building and furnishings related interior design services are required. Facility shall comply with force protection/antiterrorism measures. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 2 Buildings (TOTAL 2,069 m2/22,271 SF). Air Conditioning (Estimated 1,442 kW/410 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE Satellite Communications Facility	5. PROJECT NUMBER 63015
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(31)
EMCS Connection	LS	--	--	(67)
SDD and EPAct05	LS	--	--	(557)
Antiterrorism Measures	LS	--	--	(557)
Building Information Systems	LS	--	--	(640)
			Total	1,852

11. REQ: 4,980 m2 ADQT: 985 m2 SUBSTD: 1,801 m2

PROJECT: Construct a Strategic Satellite Communications Earth Station Facility at Presidio of Monterey, CA. (Current Mission)

REQUIREMENT: This project is required to provide a consolidated, state-of-the-art satellite earth terminal communications facility to support Joint Chiefs of Staff command, control, communications and intelligence. Project is required to support the current and emerging Defense Satellite Communication missions. The project will replace an aging facility housing critical high value communications equipment and infrastructure. Project will also permit a Company of the Signal Battalion to consolidate personnel and function from a separate building. The facility must operate 7 days a week, 24 hours a day with high reliability provided by back-up systems. This project will provide space for both legacy and new wideband critical communications equipment supporting worldwide military and commercial satellite communications. These systems provide the only primary transmission path for high capacity and protected communications supporting the warfighter at all levels of command and control within their area of responsibility.

CURRENT SITUATION: Operations are currently performed in a forty-five-year-old building that has reached the end of its useful life. Presently, all the facilities are inadequately sized and configured for current and future strategic communications missions. Camp Roberts is located in a remote area of southern California and is the only satellite facility on the West Coast. The mission is currently performed in the concrete cinder block structure that has been expanded outward since 1964 and Building 1800's inner core has been in use beyond its designed life. The initial mission was assigned in 1964 and was activated with minimal staff (24) and an austere satellite earth terminal facility of 5,000 GSF. As new missions were assigned and more electronic equipment with exterior antennas were installed, multiple extensions to the original facility were constructed that maximized the readily available site expansion capability. The facilities do not provide areas for tools storage; Test Measurement Diagnostic Equipment operations; security vestibule for processing visitors; arms room; Nuclear, Biological and

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Presidio of Monterey, California		
4. PROJECT TITLE Satellite Communications Facility	5. PROJECT NUMBER 63015	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>Chemical storage; or unit storage. This growth is directly related to the changing world conditions and the expanded requirement for wideband satellite communications. Within the past 3 years, the satellite communications mission and requirements have increased exponentially and will continue to expand as new strategic and tactical requirements are identified and approved in support of warfighting commanders. The facility is not large enough to support new systems or equipment and site constraints prohibit additional facility expansions, the electrical infrastructure is undersized to support new equipment, and the building mechanical systems are at the end of their design life and showing signs of failure. Over the years, the facility has been expanded in all possible directions and cannot be expanded any further. Outages during times of critical need are becoming more common place. Floor space to house the additional missions, computer/communication equipment racks and functions has been utilized to the maximum extent possible. The current functions are performed in space that is overcrowded and unsuitable to meet present day requirements. Operational continuity and responsiveness suffer because space restrictions cause key personnel and operators to be located in dispersed areas in the building. There are no other available facilities at the site to accommodate the increased mission and new equipment fielding to support the strategic SATCOM mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this facility is not provided, the Army's portion of the worldwide satellite communications network may be compromised resulting in the inability to provide complete and continuous command, control, communications computers and intelligence (C4I) information to the warfighter. Lack of space and adequate facility support will critically impact the ability of the US Army to provide the Joint Chiefs of Staff critical communications to the warfighter. There will be insufficient facilities to install future critical communications equipment and support approved upgrades to worldwide communications command and control for the defense of the United States. The inability to expand and support existing and future communications requirements will impact the field commander's capability for communications reach-back, a vital mission requirement for the warfighter. Secure and reliable real time information may not be readily available to installation and field commanders. In addition, existing aged facilities will make the Army's satellite communication portion of the Global Information Grid operationally unreliable. The ability to meet Joint Chiefs of Staff requirements and to meet combatant commander's requirements will be severely impaired. The performance of the satellite communications missions at this site will be adversely impacted by continuing to use this existing substandard facility.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project</p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Presidio of Monterey, California

4. PROJECT TITLE Satellite Communications Facility	5. PROJECT NUMBER 63015
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ADDITIONAL: (CONTINUED)
is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,450
 - (b) All Other Design Costs..... 1,450
 - (c) Total Design Cost..... 2,900
 - (d) Contract..... 1,450
 - (e) In-house..... 1,450

- (4) Construction Contract Award..... FEB 2011

- (5) Construction Start..... APR 2011

- (6) Construction Completion..... APR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Presidio of Monterey, California

4.PROJECT TITLE Satellite Communications Facility	5.PROJECT NUMBER 63015
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
UPS Equipment	OPA	2012	1,500
Info Sys - ISC	OPA	2012	58
TOTAL			<u>1,558</u>

Installation Engineer: Tai H. Cao
Phone Number: 831-242-6837

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Colorado	Fort Carson (IMCOM)				75
13852	Simulations Center	40,000	40,000	C	77
41917	Automated Sniper Field Fire Range	3,650	3,650	C	81
67137	Brigade Complex	56,000	56,000	C	85
72968	Battalion Headquarters	6,700	6,700	N	89
	Subtotal Fort Carson Part I	\$ 106,350	106,350		
	* TOTAL MCA FOR Colorado	\$ 106,350	106,350		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.02	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	2598	20727	1867	9	41	0	30,128
B. END FY 2015	2829	21295	2245	8	87	0	31,095
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	151,075 ha		(373,313 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							4,367,194
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,329,116
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							106,350
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							58,200
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							5,700
G. REMAINING DEFICIENCY.....							1,010,386
H. GRAND TOTAL.....							6,876,946
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
172	13852	Simulations Center			40,000	09/2008	09/2010
178	41917	Automated Sniper Field Fire Range			3,650	09/2008	07/2010
141	67137	Brigade Complex			56,000	09/2008	10/2010
141	72968	Battalion Headquarters			6,700	07/2009	05/2011
TOTAL					106,350		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
141	Brigade Headquarters Building			9,600			
760	Museum Operations Support Building			9,600			
510	Hospital Alteration			39,000			
TOTAL					58,200		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):							
550	Add/Alter Preventive Medicine Facility			5,700			
TOTAL					5,700		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Carson, Colorado

10. MISSION OR MAJOR FUNCTIONS:

Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Security Objectives. Major functions include: support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Carson Colorado				4.PROJECT TITLE Simulations Center		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 172	7.PROJECT NUMBER 13852		8.PROJECT COST (\$000) Auth 40,000 Approp 40,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						29,598
Battle Command Training Center		m2 (SF)	7,955 (85,630)		3,143	(25,004)
Access Control Facility		m2 (SF)	37.16 (400)		2,723	(101)
Special Foundations		m2 (SF)	7,992 (86,030)		215.28	(1,721)
Tactical Pads		LS	--		--	(477)
IDS Installation		LS	--		--	(405)
Total from Continuation page						(1,890)
SUPPORTING FACILITIES						6,785
Electric Service		LS	--		--	(1,571)
Water, Sewer, Gas		LS	--		--	(408)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,171)
Storm Drainage		LS	--		--	(217)
Site Imp(1,563) Demo(333)		LS	--		--	(1,896)
Information Systems		LS	--		--	(394)
Antiterrorism Measures		LS	--		--	(128)
ESTIMATED CONTRACT COST						36,383
CONTINGENCY (5.00%)						<u>1,819</u>
SUBTOTAL						38,202
SUPV, INSP & OVERHEAD (5.70%)						<u>2,178</u>
TOTAL REQUEST						40,380
TOTAL REQUEST (ROUNDED)						40,000
INSTALLED EQT-OTHER APPROP						(1,599)
10.Description of Proposed Construction Construct a standard design Battle Command Training Center (BCTC). Primary facilities include the BCTC, access control facility, tactical pads, communications tower, connection to Energy Monitoring and Control System (EMCS), installation of Intrusion Detection System (IDS), and building information systems. Antiterrorism protection measures are included. Special foundations will be provided for expansive clay soil. Supporting facilities include electric service; water, sewer and gas; paving; storm drainage; site improvements and demolition; and information systems. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 4 Buildings (TOTAL 5,366 m2/57,754 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).						
11. REQ:		7,955 m2	ADQT:		NONE	SUBSTD: 3,291 m2
PROJECT: Construct a standard Battle Command Training Center (Simulation Center) at Fort Carson, CO. (Current Mission)						
REQUIREMENT: This project is required to support battle staff training and constructive simulations. The facility is required to support the several different levels of battle command training for contingency force units and						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 13852
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	m2 (SF)	7,992 (	86,030)	32.44 (259)
Communications Tower	LS	--	--	(150)
SDD and EPAct05	LS	--	--	(543)
Antiterrorism Measures	LS	--	--	(544)
Building Information Systems	LS	--	--	(394)
			Total	1,890

REQUIREMENT: (CONTINUED)

various additional combat, combat support, and combat service support units. Battle Simulations and command post exercises are conducted at the battalion, brigade and division level. The size and complexity of battle command training and simulations have increased significantly.

CURRENT SITUATION: At present, simulation training at Fort Carson is being supported through the use of six pre-engineered and one converted permanent former woodshop facilities. These facilities together provide insufficient total space and technical provisions to accommodate modern automated simulation systems. The facility complex currently being used is thus not able to meet the current demands for services as a result of these restrictions. From both a space availability and floor space configuration, these buildings are inadequate to support today's mission. The training environment is not conducive to excellence in training nor is the physical plan adequate to support a steady environment in support of computer systems. Increased climate control systems are needed to support operation of a large number of computer workstations required for exercises on a weekly basis. Exterior adjacent parking is limited, thus hindering support capability. Power outages are a common occurrence and waste valuable training time and have the potential to damage simulation systems.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson will not have adequate battle command training and simulation enhanced facilities that possess the physical capabilities necessary to support current and future battle staff and battle command training needs of the units assigned to Fort Carson. The quality of battle command simulation exercises will decline. Essential training and skill development will not be able to keep pace with the mission demands.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE Simulations Center	5.PROJECT NUMBER 13852
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ADDITIONAL: (CONTINUED)
has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 2008

(b) Percent Complete As Of January 2010..... 35.00

(c) Date 35% Designed..... JAN 2010

(d) Date Design Complete..... SEP 2010

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-bid-build

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Riley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 1,895

(b) All Other Design Costs..... 1,515

(c) Total Design Cost..... 3,410

(d) Contract..... 1,895

(e) In-house..... 1,515

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Carson, Colorado

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 13852
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
OneSAF System	OPA	2012	250
Standby Generator	OPA	2012	84
WARSIM System	OPA	2012	301
JANUS System	OPA	2012	250
SPECTRUM System	OPA	2012	50
Digital Communications	OPA	2012	200
BBS System	OPA	2012	301
Info Sys - ISC	OPA	2012	163
		TOTAL	<u>1,599</u>

Installation Engineer: Hal Alguire
Phone Number: 719-526-3415

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Automated Sniper Field Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 41917		8. PROJECT COST (\$000) Auth 3,650 Approp 3,650	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,128
Auto Sniper Field Fire Range		FP	4 --		315,583	(1,262)
Range Operations & Storage		m2 (SF)	74.32 (800)		1,757	(131)
Latrine		m2 (SF)	18.58 (200)		6,752	(125)
Bleacher Enclosure		EA	726 --		138.23	(100)
Ammo Breakdown Building		m2 (SF)	17.19 (185)		3,538	(61)
Total from Continuation page						(1,449)
<u>SUPPORTING FACILITIES</u>						160
Electric Service		LS	--		--	(31)
Information Systems		LS	--		--	(129)
ESTIMATED CONTRACT COST						3,288
CONTINGENCY (5.00%)						<u>164</u>
SUBTOTAL						3,452
SUPV, INSP & OVERHEAD (5.70%)						<u>197</u>
TOTAL REQUEST						3,649
TOTAL REQUEST (ROUNDED)						3,650
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Automated Sniper Field Fire Range. Primary facilities include the sniper range, range operations and control area, classroom building, ammunition breakdown building, bleacher enclosure, range operations tower, range operations and storage building, latrine, covered mess and building information systems. Special foundations are required. Antiterrorism protection measures will be provided. Supporting facilities include electric service and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ:		4 FP	ADQT: NONE		SUBSTD:	2 FP
PROJECT: Construct a standard design Automated Sniper Field Fire Range at Fort Carson, CO.(Current Mission)						
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of the sniper rifle. Combat and combat support units require training proficiency in sniper weapon systems. Army standard ranges with target systems affording doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 41917
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Classroom Building	m2 (SF)	74.32 (800)	2,328	(173)
Range Operations Control Area	EA	1 --	930,248	(930)
Covered Mess	m2 (SF)	74.32 (800)	900.32	(67)
Range Operations Center Tower	m2 (SF)	26.94 (290)	4,525	(122)
Special Foundations	m2 (SF)	211.35 (2,275)	215.28	(46)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(93)
			Total	1,449

CURRENT SITUATION: Fort Carson currently has no standard automated sniper field fire range. The existing range was constructed during the early 1970s'. Due to changes in doctrine and weapon capabilities, the range design has been altered by the addition of makeshift substandard target emplacements. The target positions are simple piles of dirt placed in front of the target mechanism to prevent damage from projectile impacts. Operation of the target mechanisms is currently done by monitoring a stopwatch to achieve standard engagement durations while flipping a toggle switch to manually raise or lower the targets. Scoring is achieved by having an additional Soldier observe and record target hits and misses. This method of scoring proves to be less reliable than automated target ranges.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers at Fort Carson, will not be able to obtain and maintain efficiency for live fire training for sniper engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 41917	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>DEC 2009</u></p> <p>(d) Date Design Complete..... <u>JUL 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Richardson</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>100</u></p> <p>(b) All Other Design Costs..... <u>225</u></p> <p>(c) Total Design Cost..... <u>325</u></p> <p>(d) Contract..... <u>205</u></p> <p>(e) In-house..... <u>120</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2012</u></p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE Automated Sniper Field Fire Range	5.PROJECT NUMBER 41917
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Hal Alguire
Phone Number: 719-526-3415

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 67137		8. PROJECT COST (\$000) Auth 56,000 Approp 56,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						42,884
Group Headquarters		m2 (SF)	978.08 (10,528)		2,617	(2,559)
Brigade Headquarters		m2 (SF)	5,138 (55,300)		2,492	(12,805)
Battalion HQs w/Classrooms		m2 (SF)	1,301 (14,000)		2,381	(3,097)
Company Operations Facilities		m2 (SF)	4,383 (47,177)		2,063	(9,044)
Covered Hardstand		m2 (SF)	709.87 (7,641)		777.16	(552)
Total from Continuation page						(14,827)
SUPPORTING FACILITIES						7,736
Electric Service		LS	--		--	(839)
Water, Sewer, Gas		LS	--		--	(1,000)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,055)
Storm Drainage		LS	--		--	(460)
Site Imp(1,046) Demo(674)		LS	--		--	(1,720)
Information Systems		LS	--		--	(501)
Antiterrorism Measures		LS	--		--	(161)
ESTIMATED CONTRACT COST						50,620
CONTINGENCY (5.00%)						<u>2,531</u>
SUBTOTAL						53,151
SUPV, INSP & OVERHEAD (5.70%)						<u>3,030</u>
TOTAL REQUEST						56,181
TOTAL REQUEST (ROUNDED)						56,000
INSTALLED EQT-OTHER APPROP						(5,402)
10. Description of Proposed Construction Construct standard facilities for a Brigade Complex. Primary facilities to include: Group, Brigade, and Battalion Headquarters w/classrooms, six company operations facilities with covered hardstand, vehicle maintenance shop, oil storage, organizational storage, organizational parking, communications center, and hazardous Waste storage area. Provide connection to energy monitoring and control systems (EMCS), installation of intrusion detection system (IDS), fire alarm detection, and reporting systems, mass notification system, and force protection measures. Special foundations are required. Supporting facilities include electricity; security lighting; water, sewer, and natural gas services; fire protection; paving, POV parking areas, service roads, walks, curbs and gutters; storm drainage; lightning protection systems; site improvements and landscaping; information systems and anti-terrorism/force protection measures. Anti-terrorism/force protection will be provided by resistance to progressive collapse, special windows and doors. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 7 Buildings (TOTAL 3,810 m2/41,007 SF). Air Conditioning (Estimated 791 kWr/225 Tons).						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Fort Carson, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Brigade Complex	67137

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vehicle Maintenance Shop	m2 (SF)	1,672 (18,000)	2,390	(3,997)
Organizational Vehicle Parking	m2 (SY)	15,014 (17,957)	132.40	(1,988)
Organizational Storage	m2 (SF)	292.64 (3,150)	1,099	(322)
Oil Storage Building	m2 (SF)	33.45 (360)	1,277	(43)
Hazardous Waste Storage	m2 (SF)	33.45 (360)	1,277	(43)
Communications Center	EA	1 --	1702500	(1,703)
Special Foundations	LS	--	--	(2,889)
IDS Installation	LS	--	--	(127)
EMCS Connections	LS	--	--	(519)
SDD and EPAct05	LS	--	--	(636)
Antiterrorism Measures	LS	--	--	(636)
Building Information Systems	LS	--	--	(1,924)
			Total	14,827

11. REQ: 24,846 m2 ADQT: 6,852 m2 SUBSTD: NONE
PROJECT: Construct standard facilities for a brigade complex at Fort Carson, CO. (Current Mission)
REQUIREMENT: This project is required to provide group, brigade and battalion headquarters, company operations, and maintenance facilities. There are no available facilities at Fort Carson for these units to occupy that meet current standards.
CURRENT SITUATION: The existing facilities are old and severely deteriorated. Adequate existing facilities are not available to support this realignment action. Currently, all existing facilities suitable for use under these facility category codes are fully utilized.
IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to work in substandard and deteriorated facilities, which will adversely impact unit morale and readiness. Additionally, if facilities are not provided, substandard modular facilities for administrative functions will be required.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE Brigade Complex	5.PROJECT NUMBER 67137
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ADDITIONAL: (CONTINUED)
principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Drum
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 798
 - (b) All Other Design Costs..... 798
 - (c) Total Design Cost..... 1,596
 - (d) Contract..... 798
 - (e) In-house..... 798
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION
Fort Carson, Colorado

4.PROJECT TITLE Brigade Complex	5.PROJECT NUMBER 67137
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Group HQ	OPA	2012	184
BDE HQ	OPA	2012	1,072
BN HQ	OPA	2012	290
COFS	OPA	2012	381
TEMF	OPA	2012	201
Info Sys - ISC	OPA	2012	3,274
		TOTAL	5,402

Installation Engineer: Hal Alguire
Phone Number: 719-526-3415

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Battalion Headquarters		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 72968		8. PROJECT COST (\$000) Auth 6,700 Approp 6,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						4,351
Battalion HQs w/Classrooms		m2 (SF)	1,682 (18,100)		2,188	(3,679)
Special Foundations		LS	--		--	(318)
IDS Installation		LS	--		--	(23)
EMCS Connection		LS	--		--	(50)
SDD and EAct05		LS	--		--	(74)
Total from Continuation page						(207)
SUPPORTING FACILITIES						1,489
Electric Service		LS	--		--	(164)
Water, Sewer, Gas		LS	--		--	(247)
Paving, Walks, Curbs & Gutters		LS	--		--	(226)
Storm Drainage		LS	--		--	(71)
Site Imp(187) Demo()		LS	--		--	(187)
Information Systems		LS	--		--	(563)
Antiterrorism Measures		LS	--		--	(31)
ESTIMATED CONTRACT COST						5,840
CONTINGENCY (5.00%)						292
SUBTOTAL						6,132
SUPV, INSP & OVERHEAD (5.70%)						350
DESIGN/BUILD - DESIGN COST						245
TOTAL REQUEST						6,727
TOTAL REQUEST (ROUNDED)						6,700
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct standard design battalion headquarters with classrooms. Provide connection to energy monitoring and control systems (EMCS), installation of intrusion detection system (IDS), fire alarm, detection and reporting systems, mass notification system, and building information systems. Special foundations are required. Supporting facilities include electricity; security lighting; water, sewer, and natural gas services; fire protection; paving, parking areas, service roads, walks, curbs and gutters; storm drainage; information systems; lightning protection systems; site improvements and landscaping; and information systems. Anti-terrorism/force protection will be provided by resistance to progressive collapse, special windows and doors. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be provided. Air Conditioning (Estimated 85 Tons).						
11. REQ:		43,726 m2	ADQT:		21,746 m2	SUBSTD: 3,514 m2
PROJECT: Construct a standard design battalion headquarters at Fort Carson, CO.(New mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Battalion Headquarters	5. PROJECT NUMBER 72968
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(74)
Building Information Systems	LS	--	--	(133)
			Total	207

REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units.

CURRENT SITUATION: This Battalion Headquarters is needed to provide adequate administrative and operational space for a battalion headquarters. All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative at Fort Carson, CO.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... OCT 2010
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE Battalion Headquarters	5.PROJECT NUMBER 72968
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used: Fort Bliss
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	198
(b) All Other Design Costs.....	132
(c) Total Design Cost.....	330
(d) Contract.....	198
(e) In-house.....	132
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... OCT 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Hal Alguire
Phone Number: 719-526-3415

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Florida	Eglin Air Force Base (SAC)				
71492	Chapel	6,900	6,900	C	95
	Subtotal Eglin Air Force Base Part I	\$ 6,900	6,900		
	US Army Garrison-Miami (USARSO)				
72932	Commissary	19,000	19,000	C	99
	Subtotal US Army Garrison-Miami Part I	\$ 19,000	19,000		
	Miami-Dade adj to Homestead AFB (USARSO)				
	Miami-Dade				
61533	Command and Control Facility	41,000	41,000	C	103
	Subtotal Miami-Dade adj to Homestead AFB Part I	\$ 41,000	41,000		
	* TOTAL MCA FOR Florida	\$ 66,900	66,900		

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1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Eglin Air Force Base Florida				4.PROJECT TITLE Chapel		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 730	7.PROJECT NUMBER 71492		8.PROJECT COST (\$000) Auth 6,900 Approp 6,900	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,148
Chapel		m2 (SF)	1,709 (18,400)		2,838	(4,851)
EMCS Connection		LS	--		--	(19)
SDD and EPAct05		LS	--		--	(97)
Antiterrorism Measures		LS	--		--	(136)
Building Information Systems		LS	--		--	(45)
<u>SUPPORTING FACILITIES</u>						866
Electric Service		LS	--		--	(103)
Water, Sewer, Gas		LS	--		--	(66)
Paving, Walks, Curbs & Gutters		LS	--		--	(318)
Storm Drainage		LS	--		--	(87)
Site Imp(229) Demo()		LS	--		--	(229)
Information Systems		LS	--		--	(44)
Antiterrorism Measures		LS	--		--	(19)
ESTIMATED CONTRACT COST						6,014
CONTINGENCY (5.00%)						<u>301</u>
SUBTOTAL						6,315
SUPV, INSP & OVERHEAD (5.70%)						360
DESIGN/BUILD - DESIGN COST						<u>253</u>
TOTAL REQUEST						6,928
TOTAL REQUEST (ROUNDED)						6,900
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design Chapel. This facility will include a worship center, activity center, religious education areas, baptistry areas capable of immersion baptisms, resource center, sacristy area and administrative spaces. Worship center features regular seating for 202 persons. Worship center can support a great range of worship activities, and includes capability for high quality audio visual presentations. The Activity center will support a range of worship and gathering activities and includes features to accommodate meals or activities involving food. Work also includes connections to energy monitoring and control system (EMCS) and fire detection and alarm systems. Support facilities include site improvements, utilities, paving, walks, curbs and gutters, storm drainage, information systems and parking. Heating and air conditioning will be provided by self contained systems. Antiterrorism force protection measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 158 kW/45 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Eglin Air Force Base, Florida

4. PROJECT TITLE Chapel	5. PROJECT NUMBER 71492
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11. REQ: 2,795 m2 ADQT: 1,086 m2 SUBSTD: NONE
PROJECT: Construct a standard design Chapel at Eglin Air Force Base, FL.
(Current Mission)
REQUIREMENT: This project is required to support the Special Forces Group (Airborne) (SFG(A)) at Eglin Air Force Base, FL.
CURRENT SITUATION: This is a new requirement and no existing facilities are available at Eglin AFB within 15 miles to meet the requirement.
IMPACT IF NOT PROVIDED: If this project is not provided Soldiers will have to travel 15 miles away for religious facilities at Eglin AFB.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2008
(b) Percent Complete As Of January 2010..... 15.00
(c) Date 35% Designed..... FEB 2011
(d) Date Design Complete..... MAY 2011
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: Design-build
(2) Basis:
(a) Standard or Definitive Design: YES
(b) Where Most Recently Used:
Fort Lewis
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
(a) Production of Plans and Specifications..... 199
(b) All Other Design Costs..... 132
(c) Total Design Cost..... 331
(d) Contract..... 199
(e) In-house..... 132

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Eglin Air Force Base, Florida

4. PROJECT TITLE Chapel	5. PROJECT NUMBER 71492
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Col Michelle Stewart
Phone Number: 910-432-1296

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION US Army Garrison-Miami Florida				4. PROJECT TITLE Commissary		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 740	7. PROJECT NUMBER 72932		8. PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,765
Commissary		m2 (SF)	5,009 (53,916)		2,615	(13,098)
EMCS Connections		LS	--		--	(66)
SDD and EAct05		LS	--		--	(283)
Antiterrorism Measures		LS	--		--	(274)
Building Information Systems		LS	--		--	(44)
<u>SUPPORTING FACILITIES</u>						3,156
Electric Service		LS	--		--	(88)
Water, Sewer, Gas		LS	--		--	(401)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,244)
Storm Drainage		LS	--		--	(174)
Site Imp(1,175) Demo()		LS	--		--	(1,175)
Information Systems		LS	--		--	(12)
Antiterrorism Measures		LS	--		--	(62)
ESTIMATED CONTRACT COST						16,921
CONTINGENCY (5.00%)						846
SUBTOTAL						17,767
SUPV, INSP & OVERHEAD (5.70%)						1,013
TOTAL REQUEST						18,780
TOTAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a commissary complete with a sales area including general sales, electronic checkout registers, receiving area, loading dock, meat and produce preparation areas, fixed equipment, cold and freeze storage, sustainability features, anti-terrorism features, and other supporting areas. Mechanical ventilation will be used where required. Heat recovery is to be used where possible backed up by a self contained system. Air conditioning (A/C) in the sales areas and computer rooms is required. Reclaim of cold air spill over from Commissary display cases will be used in conjunction with the A/C system. Construction will include refrigeration support system with automatic monitoring control systems, emergency building lighting and fire protection systems, interior communications, and mechanical space. Accessibility for persons with disabilities will be provided. Supporting facilities include all required utilities, communications and alarms, power, pavement, curb and gutter, sidewalks, storm drainage, landscaping, vehicle parking spaces for patrons and employees, sustainability features, anti-terrorism features, and other site improvements. Project will be constructed to satisfy current energy conservation policies. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be provided. Air Conditioning (Estimated 633 kW/180						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

US Army Garrison-Miami, Florida

4. PROJECT TITLE Commissary	5. PROJECT NUMBER 72932
------------------------------------	--------------------------------

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
Tons).

11. REQ: 5,009 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Construct a commissary facility at SOUTHCOM Headquarters, Miami, FL. (Current Mission)
REQUIREMENT: A new commissary is required to provide adequate service to authorized patrons. A new start request is not required since commissaries are exempt from commercial activities considerations. Total projected population to be supported is 1,956 active duty, 6,664 Guard and Reserve, and 4,865 retirees within a 20 mile radius of the installation.
CURRENT SITUATION: No commissary facility currently exists at this location. The nearest commissary is located at Patrick AFB, FL, over 200 miles away from Miami.
IMPACT IF NOT PROVIDED: If this project is not provided, commissary support for the authorized population will not be available.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... JUN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 384

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

US Army Garrison-Miami, Florida

4.PROJECT TITLE Commissary	5.PROJECT NUMBER 72932
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	230
(c) Total Design Cost.....	614
(d) Contract.....	384
(e) In-house.....	230

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: COL Norberto Cintron
Phone Number: 305-437-1151

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1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Miami-Dade Florida				4.PROJECT TITLE Command and Control Facility		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 61533		8.PROJECT COST (\$000) Auth 41,000 Approp 41,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						31,479
Command and Control Facility		m2 (SF)	11,505 (123,842)		2,504	(28,811)
Standby Generator		kWe(KW)	1,000 (1,000)		250.55	(251)
EMCS Connection		LS	--		--	(114)
IDS Installation		LS	--		--	(12)
SDD and EPAct05		LS	--		--	(545)
Total from Continuation page						(1,746)
SUPPORTING FACILITIES						4,460
Electric Service		LS	--		--	(651)
Water, Sewer, Gas		LS	--		--	(1,127)
Paving, Walks, Curbs & Gutters		LS	--		--	(535)
Storm Drainage		LS	--		--	(171)
Site Imp(755) Demo(242)		LS	--		--	(997)
Information Systems		LS	--		--	(902)
Antiterrorism Measures		LS	--		--	(77)
ESTIMATED CONTRACT COST						35,939
CONTINGENCY (5.00%)						1,797
SUBTOTAL						37,736
SUPV, INSP & OVERHEAD (5.70%)						2,151
DESIGN/BUILD - DESIGN COST						1,509
TOTAL REQUEST						41,396
TOTAL REQUEST (ROUNDED)						41,000
INSTALLED EQT-OTHER APPROP						(1,933)
10.Description of Proposed Construction Construct a headquarters command and control building for Special Operations Command South. Primary facility will consist of a Command and Control facility with a Secure Compartmentalized Information Facility (SCIF), sensitive items storage, standby generator and general purpose administrative areas. Installation of intrusion detection system (IDS), and fire alarm systems will be included. Supporting facilities will include connection to utilities (water, sewer, electrical, storm drainage, and information systems), site development, paving, walks, curbs and gutters, parking areas, landscaping, and other site improvements including a secure communications reception area and minor demolition of existing hard surfaced areas and utilities on the existing site. Provide antiterrorism measures to include appropriate stand-off distances, barriers, and gate. Buildings feature heavier window/door glass front protection, door/frame construction, and additional wall/floor/roof connections to comply with Category 5 hurricane protection and prevent progressive collapse. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 1 Building (TOTAL 4,181 m2/45,000 SF). Air Conditioning (Estimated 1,090 kWr/310						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Miami-Dade, Florida

4. PROJECT TITLE Command and Control Facility	5. PROJECT NUMBER 61533
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(545)
Building Information Systems	LS	--	--	<u>(1,201)</u>
			Total	1,746

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Tons).

11. REQ: 11,505 m2 ADQT: NONE SUBSTD: 4,181 m2

PROJECT: Construct a new command and control headquarters facility for Special Operations Command, South (SOCSOUTH) at Miami-Dade, FL. (Current mission)

REQUIREMENT: This project is required to provide permanent facilities for Special Operations Command, South. The Army is in the process of acquiring the property for this project site by purchase, exchange, donations, or other means at a nominal fee in Miami-Dade County, Florida, adjacent to Homestead Air Force Base.

CURRENT SITUATION: Currently, Special Operations Command South (SOCSOUTH) is headquartered at Homestead Air Force Reserve Base (HARB), Florida.

Headquarters personnel are supported by temporary, leased double-wide trailers. The lease has expired necessitating purchase of remaining residual value and continued use of the trailers pending completion of a permanent headquarters facility. Trailers have exceeded economic life expectancy and require above average sustainment repairs for continued use. Temporary trailers were not intended to support the headquarters mission longer than 3 years. Physical condition and size no longer support the mission.

IMPACT IF NOT PROVIDED: If this project is not provided, SOCSOUTH Headquarters Command and Control will be forced to remain in temporary relocatable buildings. These facilities are temporary accommodations and are not conducive to mission responsive operations for this special forces command. The unit's ability to conduct operations in the Southern Command Area of Responsibility will continue to be unnecessarily restricted compromising unit effectiveness in fighting threats to national security.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Miami-Dade, Florida

4.PROJECT TITLE Command and Control Facility	5.PROJECT NUMBER 61533
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ADDITIONAL: (CONTINUED)
 engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... OCT 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 972
 - (b) All Other Design Costs..... 584
 - (c) Total Design Cost..... 1,556
 - (d) Contract..... 972
 - (e) In-house..... 584
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION
Miami-Dade, Florida

4.PROJECT TITLE Command and Control Facility	5.PROJECT NUMBER 61533
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Secure Comms	OPA	2012	293
IDS Equipment	OPA	2012	58
UPS	OPA	2012	704
Info Sys - ISC	OPA	2012	878
		TOTAL	1,933

Installation Engineer: LTC Matt Ferguson
Phone Number: 305.224.6403

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Georgia	Fort Benning (IMCOM)				109
63799	Vehicle Maintenance Shop	53,000	53,000	C	111
65061	Museum Operations Support Building	32,000	32,000	C	115
66488	Land Acquisition	12,200	12,200	C	118
72324	Trainee Barracks Ph 2	51,000	51,000	C	121
72456	Training Battalion Complex, Ph 2	14,600	14,600	N	125
72457	Training Battalion Complex, Ph 2	14,600	14,600	N	129
	Subtotal Fort Benning Part I	\$ 177,400	177,400		
	Fort Gordon (IMCOM)				133
70307	Training Aids Center	4,150	4,150	C	135
	Subtotal Fort Gordon Part I	\$ 4,150	4,150		
	Fort Stewart (IMCOM)				139
39614	Simulations Center	26,000	26,000	C	141
67166	Modified Record Fire Range	3,750	3,750	C	145
69830	Aviation Unit Operations Complex	47,000	47,000	N	149
71125	General Instruction Building	8,200	8,200	C	153
71583	Battalion Complex	18,000	18,000	N	156
72188	Automated Multipurpose Machine Gun Range	9,100	9,100	N	159
72189	Automated Infantry Platoon Battle Course	6,200	6,200	N	163
72190	Training Aids Center	7,000	7,000	N	166
	Subtotal Fort Stewart Part I	\$ 125,250	125,250		
	* TOTAL MCA FOR Georgia	\$ 306,800	306,800		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.03	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1588	10863	2696	2093	16907	0	87 566 7173 41,973
B. END FY 2015	1905	12367	3970	2185	21396	0	76 595 6865 49,359
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	74,630 ha		(184,413 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	6,437,869						
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,164,028						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	177,400						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	74,670						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	1,048,854						
H. GRAND TOTAL.....	8,902,821						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
214	63799	Vehicle Maintenance Shop		53,000	09/2008	10/2010	
760	65061	Museum Operations Support Building		32,000	04/2008	05/2011	
911	66488	Land Acquisition		12,200	02/2010	01/2011	
721	72324	Trainee Barracks Ph 2		51,000	09/2008	10/2010	
171	72456	Training Battalion Complex, Ph 2		14,600	09/2008	05/2011	
171	72457	Training Battalion Complex, Ph 2		14,600	09/2008	04/2011	
TOTAL				177,400			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
860	Rail Loading Facility Expansion			12,800			
172	Battle Command Training Center			18,000			
740	Physical Fitness Facility			18,500			
721	Trainee Barracks			25,000			
TOTAL				74,300			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Benning, Georgia

10. MISSION OR MAJOR FUNCTIONS:

Provides support for the US Army Infantry Center and School, major combat and combat support forces, Martin US Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Benning Georgia				4.PROJECT TITLE Vehicle Maintenance Shop		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 214	7.PROJECT NUMBER 63799		8.PROJECT COST (\$000) Auth 53,000 Approp 53,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						32,048
Vehicle Maintenance Shop		m2 (SF)	5,298 (57,031)		2,297	(12,173)
Organizational Storage		m2 (SF)	812.90 (8,750)		975.45	(793)
Organizational Vehicle Parking		m2 (SY)	35,346 (42,274)		103.41	(3,655)
Access Roads		m2 (SY)	66,633 (79,692)		41.06	(2,736)
Tank Trails		m2 (SY)	100,335 (120,000)		106.44	(10,680)
Total from Continuation page						(2,011)
<u>SUPPORTING FACILITIES</u>						16,132
Electric Service		LS	--		--	(1,158)
Water, Sewer, Gas		LS	--		--	(587)
Paving, Walks, Curbs & Gutters		LS	--		--	(119)
Storm Drainage		LS	--		--	(550)
Site Imp(11,837) Demo()		LS	--		--	(11,837)
Information Systems		LS	--		--	(1,766)
Antiterrorism Measures		LS	--		--	(115)
ESTIMATED CONTRACT COST						48,180
CONTINGENCY (5.00%)						<u>2,409</u>
SUBTOTAL						50,589
SUPV, INSP & OVERHEAD (5.70%)						<u>2,884</u>
TOTAL REQUEST						53,473
TOTAL REQUEST (ROUNDED)						53,000
INSTALLED EQT-OTHER APPROP						(1,045)
10.Description of Proposed Construction Construct a standard design vehicle maintenance shop to include a maintenance facility, organization storage, access roads, hazardous waste storage, oil storage, tank trails, organizational vehicle parking and unmanned aerial vehicle (UAV) maintenance hangar. Project will include installation of intrusion detection system (IDS) and connection to energy monitoring and control system (EMCS). Supporting facilities include electrical, water, sewer, and natural gas services, security lighting, exterior communications, fire protection, storm sewer system and detention structure, curbs and gutters, and sidewalks, site preparation, erosion control, landscaping, fencing, and signage. Provide Anti-terrorism/force protection measures to include necessary set backs from adjacent roads, POV parking and fencing. Air conditioning is to be provided in the administrative area. Provide mechanical ventilation in repair bays. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 1,161 kW/330 Tons).						
11. REQ:		88,068 m2	ADQT: 35,270 m2		SUBSTD:	15,221 m2
PROJECT: Construct standard design vehicle maintenance shop at Fort Benning,						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 63799
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hazardous Waste Storage	m2 (SF)	66.89 (720)	1,128	(75)
Oil Storage Building	m2 (SF)	66.89 (720)	1,128	(75)
UAV Maintenance Hangar	m2 (SF)	167.23 (1,800)	1,587	(265)
IDS Installation	LS	--	--	(5)
EMCS Connections	LS	--	--	(14)
SDD and EAct05	LS	--	--	(244)
Antiterrorism Measures	LS	--	--	(244)
Building Information Systems	LS	--	--	(1,089)
			Total	2,011

PROJECT: (CONTINUED)

GA. (Current Mission)

REQUIREMENT: This project is required to provide adequate unit maintenance facilities to support the reorganization and stationing of a Brigade Combat Team at Kelley Hill on Fort Benning as part of the Army's transformation. The existing brigade at Fort Benning is transforming from three battalions into six battalions and is being fully populated with existing personnel and newly trained Soldiers and can only be accommodated in new facilities. This project will provide a tactical equipment maintenance complex in support of unit operations.

CURRENT SITUATION: Currently, the brigade occupies facilities on Kelley Hill. Adequate existing facilities are not available to support current and proposed modularity stationing actions. Existing maintenance structures are not capable of supporting military vehicles. Two company sized motor pools constructed in the 1950s are inadequate and unusable. The roll-up doors are too narrow with insufficient overhead clearance to accommodate current vehicles. Consequently, a portion of maintenance operations must be performed out of doors. None of the facilities have adequate heavy lift capabilities. Tank retrievers must be used to pull engine packs and tank turrets. None of the facilities meet current electrical and mechanical codes. Current facilities do not provide the space necessary to support the unit's organizational and direct support maintenance missions. The current facilities do not provide an adequate number of maintenance bays required to accommodate the mission.

IMPACT IF NOT PROVIDED: If this project is not provided, it will have a negative impact on unit readiness. Presently there are not enough vehicle maintenance facilities to accommodate the new BCT expansion. Use of the existing, substandard, out-dated facilities for maintenance functions will continue. The absence of an adequate facility specifically designed to accommodate the unit's mission results in slow turnaround times for direct

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 63799
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IMPACT IF NOT PROVIDED: (CONTINUED)
support maintenance. Working under these conditions will have a significant adverse impact on not only troop morale and retention rates but on readiness as well.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>SEP 2008</u>
(b) Percent Complete As Of January 2010.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2010</u>
(d) Date Design Complete.....	<u>OCT 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-bid-build	

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>2,134</u>
(b) All Other Design Costs.....	<u>1,601</u>
(c) Total Design Cost.....	<u>3,735</u>
(d) Contract.....	<u>2,134</u>
(e) In-house.....	<u>1,601</u>

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Benning, Georgia

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 63799
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2012	1,045
		TOTAL	<u>1,045</u>

Installation Engineer: Craig Taylor
Phone Number: (706) 545-3155

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Museum Operations Support Building		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 760	7. PROJECT NUMBER 65061		8. PROJECT COST (\$000) Auth 32,000 Approp 32,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,173
Museum Operations Support Bldg		m2 (SF)	9,848 (106,000)		2,167	(21,338)
Special Foundations		LS	--		--	(488)
IDS Installation		LS	--		--	(71)
EMCS Connections		LS	--		--	(196)
SDD and EPAct05		LS	--		--	(436)
Total from Continuation page						(644)
<u>SUPPORTING FACILITIES</u>						4,974
Electric Service		LS	--		--	(374)
Water, Sewer, Gas		LS	--		--	(232)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,014)
Storm Drainage		LS	--		--	(402)
Site Imp(2,811) Demo()		LS	--		--	(2,811)
Information Systems		LS	--		--	(81)
Antiterrorism Measures		LS	--		--	(60)
ESTIMATED CONTRACT COST						28,147
CONTINGENCY (5.00%)						1,407
SUBTOTAL						29,554
SUPV, INSP & OVERHEAD (5.70%)						1,685
DESIGN/BUILD - DESIGN COST						1,182
TOTAL REQUEST						32,421
TOTAL REQUEST (ROUNDED)						32,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a climate controlled storage facility with high bay. Project will include museum operations support building, intrusion detection system (IDS) installation, energy monitoring and control system (EMCS) connections, antiterrorism measures and building information systems. Supporting facilities include: water, sewer, and natural gas services, parking, curbs and gutters, security lighting, exterior communications, fire protection, storm sewer system, sidewalks, site preparation, erosion control/grassing, landscaping, signage, cultural and wetland mitigation at the site. Provide necessary antiterrorism measures. Heating and air conditioning will be provided by self contained units. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 1,319 kW/375 Tons).						
11. REQ:		9,848 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a Museum Operations Support Building at Fort Benning, GA. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Museum Operations Support Building	5. PROJECT NUMBER 65061
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(436)
Building Information Systems	LS	--	--	(208)
			Total	644

REQUIREMENT: This project is required to provide an adequate, secure storage area and training facility for US Army owned artifacts related to relocation of the Armor School to Fort Benning, GA. This facility will serve as a historical knowledge base for the evolution of armor and weapons systems that can be used as part of the Maneuver Center's training curriculum.

CURRENT SITUATION: Currently, there are no existing facilities on Fort Benning that can be utilized to accommodate relocation of these systems to the installation.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be no facilities at Fort Benning to receive, store, and maintain Army artifacts that are to be sent to Fort Benning.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... APR 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

(2) Basis:

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE Museum Operations Support Building	5.PROJECT NUMBER 65061
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 762
 - (b) All Other Design Costs..... 457
 - (c) Total Design Cost..... 1,219
 - (d) Contract..... 762
 - (e) In-house..... 457
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Craig Taylor
Phone Number: 706-545-3155

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. PROJECT TITLE Land Acquisition		
5. PROGRAM ELEMENT 78018A	6. CATEGORY CODE 911	7. PROJECT NUMBER 66488	8. PROJECT COST (\$000) Auth 12,200 Approp 12,200		
9. COST ESTIMATES					
ITEM <u>PRIMARY FACILITY</u> Land Acquisition		UM (M/E) ha (AC)	QUANTITY 2,243 (5,542)	UNIT COST 5,438	COST (\$000) 12,197 (12,197)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					12,197
CONTINGENCY (.00 %)					0
SUBTOTAL					12,197
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					12,197
TOTAL REQUEST (ROUNDED)					12,200
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Acquire fee title ownership of additional training lands contiguous to or in vicinity of current Army owned land. There are multiple contiguous geographic areas that support the training land shortages. Acreage to be acquired may result in existing real property relocation, disposal, or decommissioning.					
11. REQ: 166,450 ha ADQT: 53,681 ha SUBSTD: 20,390 ha PROJECT: Acquire fee title fee ownership of contiguous training land acreage. Fort Benning has been authorized to purchase up to 82,800 acres. (Current Mission) REQUIREMENT: The Army has determined that Fort Benning, Georgia has a doctrinal training land shortfall that has been documented in accordance with Army Regulation 350-19. The Army has determined that it can achieve the maximum training benefit by acquiring enough land to accommodate training for the Armored Reconnaissance Course (ARC) and the Range Training Brigade (RTB), as well as additional land to support a heavy maneuver battalion. Through this acquisition, Fort Benning will be able to support training of TRADOC, FORSCOM, and USASOC tenant units, simultaneously. This acquisition and existing maneuver land will provide maneuver capability for two heavy maneuver battalions and elements of the Maneuver Center of Excellence (MCoE) to train					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Benning, Georgia		
4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER 66488	
<p><u>REQUIREMENT:</u> (CONTINUED) simultaneously.</p> <p><u>CURRENT SITUATION:</u> Fort Benning has a critical training land shortfall based on a supported population of approximately 120,000 with anticipated mission growth to 152,000 and an average daily training population of 30,000 Soldiers executing an estimated 147 training events daily. Fort Benning is home to the Maneuver Center (Infantry School and Armor School); 3rd HBCT, 3rd ID, Headquarters, 75th Ranger Regiment, 3rd Ranger Battalion and Range Special Troops Battalion (RSTB); 14th Combat Support Hospital; 11th Engineer Battalion; and the 13th Combat Support Sustainment Battalion. The demand of operational unit requirements for home-station training combined with the increased institutional training load of the Maneuver Center of Excellence has created a significant training acre shortfall.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided there will be insufficient training land available to meet the Army's projected training needs. There will be an inability to meet the requirements of ARFORGEN maneuver training in support of Combined Arms and Joint operations. There would be increased constraint on development options to meet present and future training requirements. There will be a decreased ability to rehabilitate or reclaim training lands due to heavy training coupled with increased maintenance time and costs. Environmental impact including increased erosion and possible water quality degradation due to greater training usage and decreased ability to support recovery of the RCW (red-cockaded woodpecker) and other threatened and endangered species as the training mission expands. Additionally, Fort Benning has a Jeopardy Biological Opinion which is part of the MCoE Environmental Impact Statement conducted on BRAC 05. This JBO states that the Army must migrate the Armor School's Armored Reconnaissance Course outside of Fort Benning's boundaries no later than five years after training begins here. The purchase of this land would be the preferred method of mitigation.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER 66488
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... FEB 2010
 - (b) Percent Complete As Of January 2010..... .00
 - (c) Date 35% Designed..... JUN 2010
 - (d) Date Design Complete..... JAN 2011
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Other
Project is a pure negotiated land acquisition procurement.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 650
- (b) All Other Design Costs..... _____
- (c) Total Design Cost..... 650
- (d) Contract..... _____
- (e) In-house..... 650

(4) Construction Contract Award..... MAY 2011

(5) Construction Start..... JUL 2011

(6) Construction Completion..... JUL 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested (\$000)</u>

NONE

Installation Engineer: Brian Ondrick

Phone Number: 703-692-6409

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Trainee Barracks Ph 2		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 72324		8. PROJECT COST (\$000) Auth 51,000 Approp 51,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						43,345
Barracks/Company OPS Building		m2 (SF)	12,022 (129,400)		2,101	(25,256)
General Instruction Building		m2 (SF)	3,512 (37,800)		2,379	(8,356)
Central Issue Facility		m2 (SF)	3,716 (40,000)		1,487	(5,525)
Gen Purpose Storage Facility		m2 (SF)	325.16 (3,500)		1,036	(337)
Running Track		EA	1 --		170,236	(170)
Total from Continuation page						(3,701)
<u>SUPPORTING FACILITIES</u>						3,047
Electric Service		LS	--		--	(532)
Water, Sewer, Gas		LS	--		--	(387)
Steam And/Or Chilled Water Dist		LS	--		--	(348)
Paving, Walks, Curbs & Gutters		LS	--		--	(424)
Storm Drainage		LS	--		--	(337)
Site Imp(777) Demo()		LS	--		--	(777)
Information Systems		LS	--		--	(127)
Antiterrorism Measures		LS	--		--	(115)
ESTIMATED CONTRACT COST						46,392
CONTINGENCY (5.00%)						2,320
SUBTOTAL						48,712
SUPV, INSP & OVERHEAD (5.70%)						2,777
TOTAL REQUEST						51,489
TOTAL REQUEST (ROUNDED)						51,000
INSTALLED EQT-OTHER APPROP						(1,807)
10. Description of Proposed Construction This project is Phase 2 of a three-phase project. Phase 1 (PN 72322, \$74M) was appropriated in FY 2010, Phase 3 will be requested in the future. Construct a standard design Initial Entry Combat Training Battalion Barracks and Company Operations building, general instruction building, central issue facility, running track, and general purpose storage facility. Project also includes special foundations. Install intrusion detection systems (IDS), building information systems, fire/smoke detection/enunciation and suppression systems and connect to installation central systems, connect to energy monitoring and control systems (EMCS). Supporting facilities include utility systems (electricity, water, sewer, gas); parking; walks, curb and gutters; troop formation area; signage; information systems and site improvements. Heating and cooling of barracks will be provided via a central energy plant and the remaining facilities via self-contained systems. Access for individuals with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 1,759 kW/500 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Trainee Barracks Ph 2	5. PROJECT NUMBER 72324
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(1,189)
IDS Installation	LS	--	--	(57)
EMCS Connections	LS	--	--	(215)
SDD and EPAct05	LS	--	--	(754)
Antiterrorism Measures	LS	--	--	(1,008)
Building Information Systems	LS	--	--	(478)
			Total	3,701

11. REQ: 25,803 PN ADQT: 9,618 PN SUBSTD: 12,243 PN

PROJECT: Construct an Initial Entry Combat Training Battalion Barracks Complex Phase 2 at Fort Benning, GA. (Current Mission)

REQUIREMENT: This project is required to provide adequate facilities to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports stationing of an additional Initial Entry Combat Training Battalion (IECTB) at Fort Benning as part of the increase in permanent end strength of the Army. Accordingly, additional facilities are necessary to command, house, feed and train soldiers assigned to the five companies of this battalion. This project is also required to provide additional general instructional space to train new Soldiers on marksmanship techniques.

CURRENT SITUATION: Currently, Fort Benning supports forty companies of Initial Entry and Basic Training Soldiers in eight trainee barracks complexes located at Sand Hill. There are no adequate, permanent barracks complexes available on Fort Benning to command, house, feed, and train an additional five companies of Initial Entry Training Soldiers.

IMPACT IF NOT PROVIDED: If this project is not provided, assignment of an additional Initial Entry Combat Training Battalion will require trainees to live and train in substandard and/or temporary facilities, which will have an adverse effect on their morale, training absorption and potential retention.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Trainee Barracks Ph 2	5. PROJECT NUMBER 72324
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ADDITIONAL: (CONTINUED)

into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2010(\$000)	Requested FY2011(\$000)	FYDP FY2012(\$000)
Authorization	\$74,000	\$51,000	\$25,000
Authorization of Appropriation	\$74,000	\$51,000	\$25,000
Appropriation	\$74,000	\$51,000	\$25,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Lee

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,021
 - (b) All Other Design Costs..... 510
 - (c) Total Design Cost..... 1,531
 - (d) Contract..... 1,021
 - (e) In-house..... 510

 - (4) Construction Contract Award..... DEC 2010

 - (5) Construction Start..... JAN 2011

 - (6) Construction Completion..... JUL 2012

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Benning, Georgia

4. PROJECT TITLE Trainee Barracks Ph 2	5. PROJECT NUMBER 72324
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
GIB Equip	OPA	2011	1,529
Info Sys - ISC	OPA	2012	278
		TOTAL	<u>1,807</u>

Installation Engineer: Craig Taylor
Phone Number: 706-545-3155

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Training Battalion Complex, Ph 2		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 171	7. PROJECT NUMBER 72456		8. PROJECT COST (\$000) Auth 14,600 Approp 14,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,454
Convert DFAC to Classrooms		m2 (SF)	5,203 (56,000)		1,075	(5,594)
Organizational Storage		m2 (SF)	2,378 (25,600)		962.30	(2,289)
Expand Battalion Headquarters		m2 (SF)	711.27 (7,656)		1,439	(1,024)
Company Ops Equip Cleaning Fac		m2 (SF)	1,522 (16,384)		1,050	(1,598)
Hazardous Material Abatement		LS	--		--	(414)
Total from Continuation page						(535)
<u>SUPPORTING FACILITIES</u>						1,210
Electric Service		LS	--		--	(64)
Water, Sewer, Gas		LS	--		--	(92)
Paving, Walks, Curbs & Gutters		LS	--		--	(285)
Storm Drainage		LS	--		--	(262)
Site Imp(342) Demo()		LS	--		--	(342)
Information Systems		LS	--		--	(129)
Antiterrorism Measures		LS	--		--	(36)
ESTIMATED CONTRACT COST						12,664
CONTINGENCY (5.00%)						633
SUBTOTAL						13,297
SUPV, INSP & OVERHEAD (5.70%)						758
DESIGN/BUILD - DESIGN COST						532
TOTAL REQUEST						14,587
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is phase 2 of a two-phase project. Phase 1 is PN 70026 (FY10, \$31M). Convert existing dining facility (DFAC) space in building numbers 3210 and 3305 to organizational classrooms (4 each), storage space and latrines; expand existing battalion headquarters. Construct Company Operations individual equipment cleaning facilities and organizational storage space. Project will include installation of intrusion detection system (IDS) and connection to energy monitoring and control system (EMCS). Supporting facilities include electrical, water, sewer, and natural gas services; security lighting; exterior communications; fire protection; storm sewer system and detention structure; paving, striping, curb and gutter, and sidewalks; site preparation, erosion control/grassing, landscaping; and signage. All hazardous materials identified in the affected building areas (asbestos, lead-based paint, etc.) will be abated. Access for individuals with disabilities will be provided. Provide anti-terrorism (AT) measures. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Heat and cool classrooms and battalion headquarters expansions via connection with existing building systems. Air Conditioning (Estimated 387 kW _r /110 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Training Battalion Complex, Ph 2	5. PROJECT NUMBER 72456
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(12)
EMCS Connection	LS	--	--	(55)
SDD and EPAct05	LS	--	--	(180)
Antiterrorism Measures	LS	--	--	(133)
Building Information Systems	LS	--	--	(155)
			Total	535

11. REQ: 5,203 m2 ADQT: NONE SUBSTD: 5,203 m2
PROJECT: Construct a Training Battalion Complex, Phase 2 at Fort Benning, GA.
(New mission)

REQUIREMENT: This project is required to correct and alleviate shortfalls in classroom and battalion headquarters space located within two Initial Entry Training barracks complexes at Fort Benning. Over the years changes to the Army's training doctrine, as well as implementation of the Grow the Army (GTA) initiative, have produced a much larger need for classroom instruction space and supporting battalion administrative and general storage areas than the two 1,200 person Initial Entry Training barracks complexes can provide. Consequently, existing dining facility space within trainee barracks building numbers 3210 and 3305 will be converted into much needed organizational classroom space and the existing battalion headquarters within each building enlarged. This project will bring the two trainee barracks into compliance with Army's current criteria.

CURRENT SITUATION: Trainee barracks building numbers 3210 and 3305 were both constructed in 1978 and are each occupied by one battalion (1,200 trainees) of Initial Entry Training Soldiers. Each facility consists of billeting, dining, classroom, battalion and company level administrative space. Classroom space in each building is limited to only two, 200-person classrooms for the entire training battalion.

IMPACT IF NOT PROVIDED: If this project is not provided, Initial Entry Trainees assigned to these battalions will continue to be accommodated in insufficient facilities resulting in lower morale and retention rates. Classroom deficiencies will continue to hamper critical training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Training Battalion Complex, Ph 2	5. PROJECT NUMBER 72456
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ADDITIONAL: (CONTINUED)

for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2010(\$000)	Requested FY2011(\$000)
Authorization	\$31,000	\$14,600
Authorization of Appropriation	\$31,000	\$14,600
Appropriation	\$31,000	\$14,600

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 357
 - (b) All Other Design Costs..... 214
 - (c) Total Design Cost..... 571
 - (d) Contract..... 357
 - (e) In-house..... 214
 - (4) Construction Contract Award..... JAN 2011

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE Training Battalion Complex, Ph 2	5.PROJECT NUMBER 72456
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Craig Taylor
Phone Number: 706-545-3155

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. PROJECT TITLE Training Battalion Complex, Ph 2			
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 171	7. PROJECT NUMBER 72457		8. PROJECT COST (\$000) Auth 14,600 Approp 14,600		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,454
Convert DFAC to Classrooms		m2 (SF)	5,203 (	56,000)	1,075	(5,594)
Organizational Storage		m2 (SF)	2,378 (	25,600)	962.30	(2,289)
Expand Battalion Headquarters		m2 (SF)	711.27 (	7,656)	1,439	(1,024)
Company Ops Equip Cleaning Fac		m2 (SF)	1,522 (	16,384)	1,050	(1,598)
Hazardous Material Abatement		LS	--	--	--	(414)
Total from Continuation page						(535)
<u>SUPPORTING FACILITIES</u>						1,287
Electric Service		LS	--	--	--	(64)
Water, Sewer, Gas		LS	--	--	--	(93)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(278)
Storm Drainage		LS	--	--	--	(256)
Site Imp(337) Demo()		LS	--	--	--	(337)
Information Systems		LS	--	--	--	(222)
Antiterrorism Measures		LS	--	--	--	(37)
ESTIMATED CONTRACT COST						12,741
CONTINGENCY (5.00%)						637
SUBTOTAL						13,378
SUPV, INSP & OVERHEAD (5.70%)						763
DESIGN/BUILD - DESIGN COST						535
TOTAL REQUEST						14,676
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is Phase 2 of a two-phase project. Phase 1 is PN 70027 (FY 10, \$31M). Convert existing dining facility space in building numbers 3105 and 3335 to organizational classrooms (4 each), storage space and latrines and expand existing battalion headquarters. Construct Company Operations individual equipment cleaning facilities and organizational storage space. Project will include installation of intrusion detection system (IDS) and connection to energy monitoring and control system (EMCS). Supporting facilities include electrical, water, sewer, and natural gas services; security lighting; exterior communications; fire protection; storm sewer system and detention structure; paving, parking, walks, curbs and gutters, site preparation, erosion control/grassing, landscaping; and signage. All hazardous materials identified in the affected building areas (asbestos, lead-based paint, etc.) will be abated. Access for individuals with disabilities will be provided. Provide anti-terrorism (AT) measures. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Heat and cool classrooms and battalion headquarters expansions via connection with existing building systems. Air Conditioning (Estimated 387 kW _r /110 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Training Battalion Complex, Ph 2	5. PROJECT NUMBER 72457
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(12)
EMCS Connection	LS	--	--	(55)
SDD and EPAct05	LS	--	--	(180)
Antiterrorism Measures	LS	--	--	(133)
Building Information Systems	LS	--	--	(155)
			Total	535

11. REQ: 5,203 m2 ADQT: NONE SUBSTD: 5,203 m2
PROJECT: Construct a Training Battalion Complex, Phase 2 at Fort Benning, GA.
(New mission)

REQUIREMENT: This project is required to correct and alleviate shortfalls in classroom and battalion headquarters space located within two Initial Entry Training barracks complexes at Fort Benning. Over the years changes to the Army's training doctrine, as well as implementation of the Grow the Army (GTA) initiative, have produced a much larger need for classroom instruction space and supporting battalion administrative and general storage areas than the two 1,200 person Initial Entry Training barracks complexes can provide. Consequently, existing dining facility space within trainee barracks building numbers 3105 and 3335 will be converted into much needed organizational classroom space and the existing battalion headquarters within each building enlarged. This project will bring the two trainee barracks into compliance with Army's current criteria.

CURRENT SITUATION: Trainee barracks Buildings 3105 and 3335 were constructed in 1982 and 1984 respectively, and are occupied by one battalion (1,200 trainees) of Initial Entry Training Soldiers. Each facility consists of billeting, dining, classroom, battalion and company level administrative space. Classroom space in each building is limited to only two, 200-person classrooms for the entire training battalion.

IMPACT IF NOT PROVIDED: If this project is not provided, Initial Entry Trainees assigned to these battalions will continue to be in insufficient facilities thus resulting in lower morale and retention rates. Classroom deficiencies will continue to hamper critical training. Since both battalions train and develop Soldiers in basic combat training, any reductions in retention will negatively affect manning the Grow the Army initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Training Battalion Complex, Ph 2	5. PROJECT NUMBER 72457
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ADDITIONAL: (CONTINUED)

Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2010(\$000)	Requested FY2011(\$000)
Authorization	\$31,000	\$14,600
Authorization of Appropriation	\$31,000	\$14,600
Appropriation	\$31,000	\$14,600

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... APR 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>359</u>
(b) All Other Design Costs.....	<u>215</u>
(c) Total Design Cost.....	<u>574</u>
(d) Contract.....	<u>359</u>
(e) In-house.....	<u>215</u>

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Training Battalion Complex, Ph 2	5. PROJECT NUMBER 72457
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Craig Taylor
Phone Number: 706-545-3155

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 27 JAN 2010				
3. INSTALLATION AND LOCATION Fort Gordon Georgia		4. COMMAND US Army Installation Management Command		5. AREA CONSTRUCTION COST INDEX 0.89			
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1334	5298	2217	634	6396	7	133 2358 5060 23,437
B. END FY 2015	1359	4943	2474	788	5237	42	123 2343 4685 21,994
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	22,867 ha		(56,505 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							2,454,343
C. AUTHORIZATION NOT YET IN INVENTORY.....							185,785
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							4,150
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							1,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							570,641
H. GRAND TOTAL.....							3,216,419
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
141	70307	Training Aids Center		4,150	09/2008	06/2010	
				TOTAL			4,150
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
178	Hand Grenade Familiarization Range			1,500			
				TOTAL			1,500
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
<p>FT Gordon is home to numerous tenant units with diverse missions. Presently the largest is the US Army Signal Corps and includes the largest information technology and communications training school in the Armed Forces. The installation is also home to the SE Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the Army's only Dental Laboratory, the 93rd Sig Bde (FORSCOM) - theater tactical communications, the Gordon Regional Security Operations Center (INSCOM) - one of three Joint CONUS-based intelligence platforms, the 513th MI Bde (INSCOM) - theater-level intelligence and security, and Reserve/National Guard units (359th Sig Bde, RTS-Med, 878th Engineers).</p>							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Gordon, Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Gordon Georgia				4.PROJECT TITLE Training Aids Center		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 141	7.PROJECT NUMBER 70307		8.PROJECT COST (\$000) Auth 4,150 Approp 4,150	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					3,419	
Training Aids Center		m2 (SF)	1,858 (20,000)	1,754	(3,260)	
EMCS Connection		LS	--	--	(10)	
SDD and EPAct05		LS	--	--	(69)	
Antiterrorism Measures		LS	--	--	(69)	
Building Information Systems		LS	--	--	(11)	
<u>SUPPORTING FACILITIES</u>					342	
Electric Service		LS	--	--	(65)	
Water, Sewer, Gas		LS	--	--	(32)	
Paving, Walks, Curbs & Gutters		LS	--	--	(36)	
Storm Drainage		LS	--	--	(23)	
Site Imp(134) Demo()		LS	--	--	(134)	
Information Systems		LS	--	--	(31)	
Antiterrorism Measures		LS	--	--	(21)	
ESTIMATED CONTRACT COST					3,761	
CONTINGENCY (5.00%)					188	
SUBTOTAL					3,949	
SUPV, INSP & OVERHEAD (5.70%)					225	
TOTAL REQUEST					4,174	
TOTAL REQUEST (ROUNDED)					4,150	
INSTALLED EQT-OTHER APPROP					()	
10.Description of Proposed Construction Construct a standard design Training Aids Center (TAC). Project includes building information systems and connection to energy monitoring and control systems (EMCS). Supporting facilities include; electric service; water, sewer and gas; fire protection and alarm systems; paving, walks, curbs and gutters; security fencing and lighting; storm drainage; site improvements; information systems; and antiterrorism measures. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 11 kW/3 Tons).						
11. REQ: 13,725 m2 ADQT: 9,575 m2 SUBSTD: 4,150 m2						
PROJECT: Construct a standard design Training Aids Center at Fort Gordon, GA. (Current Mission)						
REQUIREMENT: This project is required to provide adequate storage facilities for training equipment in support of multi-unit training on Fort Gordon and for device production in support of the training demands of the Army. Fort Gordon is scheduled to received 1200 sets of Multiple Integrated Laser Engagement System (MILES) training equipment to support the installation. The Training Aids Center has expanded production requirements and space is						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Gordon, Georgia

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 70307
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REQUIREMENT: (CONTINUED)

required for enhanced operations.
CURRENT SITUATION: The existing facilities are WWII wood mobilization buildings that are beyond economic repair and failing. Many have already failed and collapsed causing both dangerous conditions for the workers and requiring overloading of other warehouse facilities that are in almost identical condition to those that have failed. Current stack height is limited to 7 feet. Those still usable are full to capacity and there are no remaining warehouse, or convertible facilities on the installation to meet this mission. Replacement of existing facilities will be accomplished with minimal square footage by use of modern, high bay storage and racking.
IMPACT IF NOT PROVIDED: If not provided, there will be no storage capacity for the MILES training equipment and the MILES mission will be jeopardized. Soldiers will be denied access to training aids needed to provide quality training for current missions.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... JUN 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Gordon, Georgia

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 70307
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	151
(b) All Other Design Costs.....	120
(c) Total Design Cost.....	271
(d) Contract.....	151
(e) In-house.....	120
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Curt Oglesby
Phone Number: 706-791-3225

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.91	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1905	14853	1764	0	185	0	845 2440 3645 25,637
B. END FY 2015	1903	14163	2265	0	201	0	1131 3129 3345 26,137
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	115,381 ha		(285,111 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							7,842,332
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,214,812
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							125,250
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							88,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							17,000
G. REMAINING DEFICIENCY.....							570,737
H. GRAND TOTAL.....							9,858,131
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
172	39614	Simulations Center		26,000	09/2009	08/2011	
178	67166	Modified Record Fire Range		3,750	09/2008	10/2010	
211	69830	Aviation Unit Operations Complex		47,000	09/2008	05/2011	
171	71125	General Instruction Building		8,200	09/2008	06/2011	
141	71583	Battalion Complex		18,000	09/2008	10/2010	
178	72189	Automated Infantry Platoon Battle Course		6,200	09/2008	07/2010	
178	72188	Automated Multipurpose Machine Gun Range		9,100	09/2008	07/2010	
141	72190	Training Aids Center		7,000	09/2008	10/2010	
TOTAL				125,250			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
510	Hospital Add/Alt Ph 2			88,000			
TOTAL				88,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):							
178	Digital Multipurpose Training Range			17,000			
TOTAL				17,000			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Stewart, Georgia

10. MISSION OR MAJOR FUNCTIONS:

Fort Stewart Mission: Provide the nation's Armed Forces with a sustaining base and a power projection platform in support of National Security Objectives. Major functions include: exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Stewart Georgia				4.PROJECT TITLE Simulations Center		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 172	7.PROJECT NUMBER 39614		8.PROJECT COST (\$000) Auth 26,000 Approp 26,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						18,809
Battle Command Training Center		m2 (SF)	5,556 (59,800)		2,804	(15,578)
Access Control Facility		m2 (SF)	37.16 (400)		3,901	(145)
Tactical Operation Center Pads		EA	6 --		111,975	(672)
Concrete Pavement		m2 (SY)	3,363 (4,022)		105.43	(355)
IDS Installation		LS	--		--	(400)
Total from Continuation page						(1,659)
SUPPORTING FACILITIES						5,038
Electric Service		LS	--		--	(546)
Water, Sewer, Gas		LS	--		--	(358)
Paving, Walks, Curbs & Gutters		LS	--		--	(944)
Storm Drainage		LS	--		--	(466)
Site Imp(1,662) Demo(297)		LS	--		--	(1,959)
Information Systems		LS	--		--	(661)
Antiterrorism Measures		LS	--		--	(104)
ESTIMATED CONTRACT COST						23,847
CONTINGENCY (5.00%)						1,192
SUBTOTAL						25,039
SUPV, INSP & OVERHEAD (5.70%)						1,427
TOTAL REQUEST						26,466
TOTAL REQUEST (ROUNDED)						26,000
INSTALLED EQT-OTHER APPROP						(3,921)
10.Description of Proposed Construction Construct a Battle Command Training Center (BCTC). Primary facilities include the BCTC, access control facility, tactical operation center pads, concrete pavement, installation of Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS), and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service; water, sewer and gas; paving, walks, curbs and gutters; storm drainage; site improvements; demolition; and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 5 Buildings (TOTAL 2,145 m2/23,093 SF). Air Conditioning (Estimated 753 kWr/214 Tons).						
11. REQ:		7,955 m2	ADQT:	NONE	SUBSTD:	744 m2
PROJECT: Construct a Battle Command Training Center at Fort Stewart, GA. (Current Mission)						
REQUIREMENT: This project is required to meet mission essential training requirements for Brigade Combat Teams. This project will provide a facility that supports individual and collective Army digital training and battle staff						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 39614
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(63)
SDD and EPAct05	LS	--	--	(314)
Antiterrorism Measures	LS	--	--	(314)
Building Information Systems	LS	--	--	(968)
			Total	1,659

REQUIREMENT: (CONTINUED)

training using constructive simulations with command, control, communications, computers and intelligence interoperability (C4I). This project is required to provide effective training in the command and control of individual as well as combined operations in a simulated tactical environment, incorporating appropriate opposing forces. This facility is required to support several different levels of battle command training for contingency force units and various additional combat, combat support, and combat service support units. Battle simulations and command post exercises are conducted at company, battalion, brigade, division, corps and joint levels. Size and complexity of battle command training using simulations and C4I systems have increased significantly.

CURRENT SITUATION: The current Battle Command Training Center occupies space in 11 separate buildings in the Evans Field Complex. These buildings were originally designed and constructed as aviation facilities. The current Center does not support expanded training needs for battle command using increased simulations, and instrumentation, and C4I systems. Present training limits the integration of combat systems C4I systems, and equipment and does not provide a platform for integration of other Army and joint battle command systems. Minimum required capabilities of integrating architecture, operational C4I system simulation, reach back capability, and training sustainment are not available. The current training need is not being fully met.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Stewart will not have adequate battle command training and simulation enhanced facilities for individual and collective digital and battle staff training. The quality of battle command and staff simulation exercises and unit C4I expertise will decline. Essential training and skill development will not be able to keep pace with mission demands.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE Simulations Center	5.PROJECT NUMBER 39614
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ADDITIONAL: (CONTINUED)
has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Campbell
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,115
 - (b) All Other Design Costs..... 743
 - (c) Total Design Cost..... 1,858
 - (d) Contract..... 1,115
 - (e) In-house..... 743
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION
Fort Stewart, Georgia

4.PROJECT TITLE Simulations Center	5.PROJECT NUMBER 39614
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture and Equipment	OPA	2013	2,549
UPS	OPA	2011	492
Info Sys - ISC	OPA	2013	861
Info Sys - PROP	OPA	2013	19
		TOTAL	<u>3,921</u>

Installation Engineer: Michael W. Biering
Phone Number: 912.767.8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 67166		8. PROJECT COST (\$000) Auth 3,750 Approp 3,750	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						3,204
Modified Record Fire Range		FP	16 --		145,971	(2,336)
Range Operations & Control Area		EA	1 --		90,942	(91)
Operations/Storage Building		m2 (SF)	74.32 (800)		1,566	(116)
Classroom Building		m2 (SF)	74.32 (800)		2,074	(154)
Latrine		m2 (SF)	18.58 (200)		6,018	(112)
Total from Continuation page						(395)
SUPPORTING FACILITIES						185
Electric Service		LS	--		--	(56)
Site Imp() Demo(3)		LS	--		--	(3)
Information Systems		LS	--		--	(123)
Antiterrorism Measures		LS	--		--	(3)
ESTIMATED CONTRACT COST						3,389
CONTINGENCY (5.00%)						169
SUBTOTAL						3,558
SUPV, INSP & OVERHEAD (5.70%)						203
TOTAL REQUEST						3,761
TOTAL REQUEST (ROUNDED)						3,750
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Upgrade existing range to a Modified Record Fire range. Primary facilities include upgrading firing lanes to standard width, range operations and control area, range operation control tower, operations and storage building, classroom building, ammunition breakdown building, covered mess, latrine, covered bleachers, and building information systems. Supporting facilities include electric service, demolition, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 2 Buildings (TOTAL 56 m2/601 SF). Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ:		16 FP	ADQT:		NONE	SUBSTD: 16 FP
PROJECT: Upgrade and convert existing range to a Modified Record Fire Range at Fort Stewart, GA. (Current Mission)						
REQUIREMENT: This project is required to support annual weapons trainings at Fort Stewart. This range is used to train and test individual Soldiers on the skills necessary to identify, engage and defeat stationary infantry targets for day/night qualification requirements with the individual weapons. Modern, target dense training environments are important skill qualifiers for individual Soldiers. This range supports the installation Range Development Plan and the individual skill training and weapons qualification requirements						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 67166
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Bleachers	EA	536 --	126.96	(68)
Covered Mess	m2 (SF)	74.32 (800)	802.37	(60)
Ammo Breakdown Building	m2 (SF)	17.19 (185)	3,147	(54)
Control Tower	m2 (SF)	26.94 (290)	4,027	(108)
SDD and EPAct05	LS	--	--	(8)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(88)
			Total	395

REQUIREMENT: (CONTINUED)

of the units supported.

CURRENT SITUATION: The current need is not fully met. Individual weapons training on a nonstandard range results in longer range periods and nonstandard weapons techniques in order to adjust to range physical limitations. Current lanes are not standard width, reducing target acquisition opportunities and requiring adjustments to engagement scenarios. Target systems are old generation and do not recover as quickly as more modern systems. Target nonresponsiveness or inoperation defeats training discipline standards. This reduces throughput and requires longer training events. The goal of weapons training is focused on applying steel on target. Nonstandard ranges with limited engagement opportunities restricts this goal.

IMPACT IF NOT PROVIDED: If this project is not provided, US Army Forces Command (FORSCOM), Reserve, and National Guard Soldiers will not be able to train to current standards and requirements. Soldiers will continue to train on sub and nonstandard training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
3.INSTALLATION AND LOCATION Fort Stewart, Georgia		
4.PROJECT TITLE Modified Record Fire Range	5.PROJECT NUMBER 67166	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Benning</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>125</u></p> <p>(b) All Other Design Costs..... <u>83</u></p> <p>(c) Total Design Cost..... <u>208</u></p> <p>(d) Contract..... <u>125</u></p> <p>(e) In-house..... <u>83</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2012</u></p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE Modified Record Fire Range	5.PROJECT NUMBER 67166
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Michael W. Biering
Phone Number: 912.767.8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Aviation Unit Operations Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 211	7. PROJECT NUMBER 69830		8. PROJECT COST (\$000) Auth 47,000 Approp 47,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						37,160
UAS Maintenance Hangar		m2 (SF)	12,021 (129,389)		2,417	(29,048)
Aircraft Apron		m2 (SY)	2,749 (3,288)		151.24	(416)
Reconstruct Taxiway		m2 (SY)	33,027 (39,500)		94.00	(3,105)
Aircraft Taxiway		m2 (SY)	3,972 (4,750)		94.00	(373)
Taxiway Lighting		m (LF)	1,433 (4,700)		180.64	(259)
Total from Continuation page						(3,959)
<u>SUPPORTING FACILITIES</u>						4,060
Electric Service		LS	--		--	(397)
Water, Sewer, Gas		LS	--		--	(809)
Paving, Walks, Curbs & Gutters		LS	--		--	(625)
Storm Drainage		LS	--		--	(269)
Site Imp(1,794) Demo()		LS	--		--	(1,794)
Information Systems		LS	--		--	(72)
Antiterrorism Measures		LS	--		--	(94)
ESTIMATED CONTRACT COST						41,220
CONTINGENCY (5.00%)						<u>2,061</u>
SUBTOTAL						43,281
SUPV, INSP & OVERHEAD (5.70%)						2,467
DESIGN/BUILD - DESIGN COST						<u>1,731</u>
TOTAL REQUEST						47,479
TOTAL REQUEST (ROUNDED)						47,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct standard design facilities to support the Unmanned Aerial System (UAS) unit at Fort Stewart. Primary facilities include a standard design Aviation unit maintenance hangar with shops and aprons. Also included in this project are an aircraft tie down area, hangar apron, reconstructed taxiway, aircraft taxiway, taxiway lighting, an access road and tank trails, warm-up pads, a container storage yard, and an elevated water storage tank. Supporting facilities include electrical distribution, area lighting, water distribution system, sanitary sewer collection system, natural gas line, parking, paving, walks, curbs and gutters, storm drainage, wetland mitigation, information systems, landscaping, and site improvements. Heating and air conditioning for administrative and specialty shop areas of the hangar will be provided by self-contained units. Fire detection and suppression systems, access control, and connection to the energy monitoring and control systems (EMCS) and building information systems will be provided. Force protection measures include building access control, surveillance, mass notification systems, appropriate standoff distances, elevated air intakes, and laminated glass for windows and doors. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE	5. PROJECT NUMBER
Aviation Unit Operations Complex	69830

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Access Road and Tank Trail	m2 (SY)	22,575 (27,000)	83.17	(1,878)
Warm-Up Pads	m2 (SY)	1,858 (2,222)	27.07	(50)
Container Storage Yard	m2 (SY)	4,459 (5,333)	67.42	(301)
Elevated Water Storage Tank	L/d(KG)	189.27 (50)	1,992	(377)
EMCS Connections	LS	--	--	(39)
SDD and EPAct05	LS	--	--	(581)
Antiterrorism Measures	LS	--	--	(581)
Building Information Systems	LS	--	--	(152)
			Total	3,959

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

provided. Access for persons with disabilities will be provided. Air Conditioning (Estimated 229 kW/65 Tons).

11. REQ: 12,021 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Provide standard design facilities for an UAS Aviation Unit Operations Complex at Fort Stewart, GA. (New Mission)

REQUIREMENT: This project is required to support the fielding of a UAS (Sky Warrior) unit at Fort Stewart. The Sky Warrior is being fielded as the communication hub that links numerous systems into one coordinated assault. This project provides facilities for a UAS unit that will maintain and operate the Sky Warrior.

CURRENT SITUATION: There are no existing adequate facilities to support this mission at Fort Stewart.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be insufficient adequate permanent maintenance facilities to support the UAS mission at Fort Stewart, GA.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Stewart, Georgia		
4. PROJECT TITLE Aviation Unit Operations Complex	5. PROJECT NUMBER 69830	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2011</u></p> <p>(d) Date Design Complete..... <u>MAY 2011</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Bliss</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>1,084</u></p> <p>(b) All Other Design Costs..... <u>651</u></p> <p>(c) Total Design Cost..... <u>1,735</u></p> <p>(d) Contract..... <u>1,084</u></p> <p>(e) In-house..... <u>651</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>SEP 2012</u></p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE Aviation Unit Operations Complex	5.PROJECT NUMBER 69830
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Michael W. Biering
Phone Number: 912-767-8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE General Instruction Building		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 171	7. PROJECT NUMBER 71125		8. PROJECT COST (\$000) Auth 8,200 Approp 8,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,811
General Instruction Building		m2 (SF)	2,586 (27,840)		2,115	(5,470)
EMCS Connection		LS	--		--	(14)
SDD and EPAct05		LS	--		--	(109)
Antiterrorism Measures		LS	--		--	(109)
Building Information Systems		LS	--		--	(109)
<u>SUPPORTING FACILITIES</u>						1,330
Electric Service		LS	--		--	(87)
Water, Sewer, Gas		LS	--		--	(112)
Paving, Walks, Curbs & Gutters		LS	--		--	(427)
Storm Drainage		LS	--		--	(157)
Site Imp(364) Demo()		LS	--		--	(364)
Information Systems		LS	--		--	(173)
Antiterrorism Measures		LS	--		--	(10)
ESTIMATED CONTRACT COST						7,141
CONTINGENCY (5.00%)						357
SUBTOTAL						7,498
SUPV, INSP & OVERHEAD (5.70%)						427
DESIGN/BUILD - DESIGN COST						300
TOTAL REQUEST						8,225
TOTAL REQUEST (ROUNDED)						8,200
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard Virtual Training Aids Device Systems (TADDS) General Instruction Building. Primary facilities include the Virtual TADDS general instruction building, building information systems, connection to energy monitoring and control system (EMCS) and antiterrorism measures. Supporting facilities include electrical power, water, sanitary sewer, gas, and site preparation/improvements. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 88 kW _r /25 Tons).						
11. REQ:		3,449 m2	ADQT: NONE		SUBSTD:	1,712 m2
PROJECT: Construct a standard design Virtual TADDS General Instruction Building at Fort Stewart, GA. (Current Mission)						
REQUIREMENT: This project is required to provide Virtual TAADS training at Fort Stewart. Current buildings do not provide enough space to support the additional driver training devices. The Army uses training simulations to enhance live training so Soldiers benefit from full spectrum training exposures prior to being placed in harms way.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 71125
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CURRENT SITUATION: Existing buildings do not have functional capacity to support increased training aids and devices. Current buildings are fully engaged supporting existing missions.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Stewart will not be able to support additional training aid and device fieldings in adequate permanent facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... JUN 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Benning

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 199
 - (b) All Other Design Costs..... 119
 - (c) Total Design Cost..... 318
 - (d) Contract..... 199
 - (e) In-house..... 119

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 71125
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Michael W. Biering
Phone Number: 912-767-8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. PROJECT TITLE Battalion Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 71583	8. PROJECT COST (\$000) Auth 18,000 Approp 18,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					11,866
Company Operations Facilities		m2 (SF)	4,204 (45,256)	1,734	(7,291)
Covered Hardstand		m2 (SF)	682 (7,341)	639.49	(436)
Battalion HQs w/Classrooms		m2 (SF)	1,682 (18,100)	1,986	(3,339)
IDS Installation		LS	--	--	(57)
EMCS Connections		LS	--	--	(28)
Total from Continuation page					(715)
<u>SUPPORTING FACILITIES</u>					4,569
Electric Service		LS	--	--	(419)
Water, Sewer, Gas		LS	--	--	(541)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,013)
Storm Drainage		LS	--	--	(325)
Site Imp(1,151) Demo()		LS	--	--	(1,151)
Information Systems		LS	--	--	(1,073)
Antiterrorism Measures		LS	--	--	(47)
ESTIMATED CONTRACT COST					16,435
CONTINGENCY (5.00%)					822
SUBTOTAL					17,257
SUPV, INSP & OVERHEAD (5.70%)					984
TOTAL REQUEST					18,241
TOTAL REQUEST (ROUNDED)					18,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct standard design unit operations facilities. Primary facilities include: company operation facilities with covered hardstand, and battalion headquarters with classrooms. Project will include installation of intrusion detection system (IDS), energy monitoring and control system (EMCS) connections, fire alarm detection, reporting systems, mass notification system, force protection measures and building information systems. Supporting facilities include electricity; security lighting; water, sewer, and natural gas services; fire protection; paving, parking areas, service roads, walks, curbs and gutters; storm drainage; information systems; lightning protection systems; site improvements and landscaping; information systems and antiterrorism measures. AT/FP will be provided by use of setbacks, special windows and doors. Comprehensive building and furnishings related to interior design services are required. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 879 kW/250 Tons).					
11. REQ: 52,003 m2 ADQT: 13,528 m2 SUBSTD: 8,423 m2 PROJECT: Construct standard design unit operations facilities for a Battalion Complex at Fort Stewart, GA. (New mission).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 71583
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(213)
Antiterrorism Measures	LS	--	--	(213)
Building Information Systems	LS	--	--	(289)
Total				715

REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities for EAB units to support the GTA initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 71583
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Riley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 364

(b) All Other Design Costs..... 273

(c) Total Design Cost..... 637

(d) Contract..... 364

(e) In-house..... 273

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Michael W. Biering

Phone Number: 912-767-8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. PROJECT TITLE Automated Multipurpose Machine Gun Range			
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72188		8. PROJECT COST (\$000) Auth 9,100 Approp 9,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,935
Auto Multipurpose Machine Gun		LN	10 --		663,437	(6,634)
Range Control Tower		m2 (SF)	26.94 (290)		4,514	(122)
Range Operations and Storage		m2 (SF)	74.32 (800)		1,728	(128)
Bleacher Enclosure		m2 (SF)	67.45 (726)		1,490	(101)
Ammo Breakdown Building		m2 (SF)	17.19 (185)		3,617	(62)
Total from Continuation page						(888)
<u>SUPPORTING FACILITIES</u>						288
Electric Service		LS	--		--	(97)
Information Systems		LS	--		--	(187)
Antiterrorism Measures		LS	--		--	(4)
ESTIMATED CONTRACT COST						8,223
CONTINGENCY (5.00%)						<u>411</u>
SUBTOTAL						8,634
SUPV, INSP & OVERHEAD (5.70%)						<u>492</u>
TOTAL REQUEST						9,126
TOTAL REQUEST (ROUNDED)						9,100
INSTALLED EQT-OTHER APPROP						(2,018)
10. Description of Proposed Construction Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, classroom building, ammunition breakdown building, bleacher enclosure, range control tower, range operations and storage building, latrine, covered mess, range operations and control area, and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW _r /5 Tons).						
11. REQ:		10 LN	ADQT: NONE		SUBSTD:	10 LN
PROJECT: Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range at Fort Stewart, GA. (New Mission)						
REQUIREMENT: This project is required to support the Grow the Army initiative to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of light and heavy machine guns. Combat and combat support units require training proficiency in machine gun weapon systems. Army standard ranges with target systems affording doctrinal densities and target types are						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 72188
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	6,641	(123)
Covered Mess	m2 (SF)	74.32 (800)	885.47	(66)
Classroom Building	m2 (SF)	74.32 (800)	2,289	(170)
Range Ops and Control Area	EA	1 --	483,771	(484)
SDD and EPAct05	LS	--	--	(23)
Antiterrorism Measures	LS	--	--	(8)
Building Information Systems	LS	--	--	(14)
			Total	888

REQUIREMENT: (CONTINUED)

the minimum necessary to prepare Soldiers for combat.

CURRENT SITUATION: Currently Fort Stewart does not have a suitable training area that meets the requirements needed for machine gunnery. The mission of combat readiness is hindered due to lack of an adequate training area. Existing machine gun ranges do not support the current doctrine and targetry systems.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers of Fort Stewart, Reserve and National Guard units that train there will not be able to obtain and maintain efficiency for live fire training for machine gun engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 72188
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... JUL 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Leonard Wood

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 390
 - (b) All Other Design Costs..... 345
 - (c) Total Design Cost..... 735
 - (d) Contract..... 509
 - (e) In-house..... 226

 - (4) Construction Contract Award..... JAN 2011

 - (5) Construction Start..... MAR 2011

 - (6) Construction Completion..... SEP 2012

1.COMONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		27 JAN 2010

3.INSTALLATION AND LOCATION
Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Automated Multipurpose Machine Gun Range	72188

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Target System	OPA	2012	2,012
Info Sys - ISC	OPA	2012	6
		TOTAL	<u>2,018</u>

Installation Engineer: Michael W. Biering
Phone Number: 912.767.8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Automated Infantry Platoon Battle Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72189		8. PROJECT COST (\$000) Auth 6,200 Approp 6,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,104
Infantry Platoon Battle Course		FP	7	--	562,338	(3,936)
Helicopter Landing Zones		EA	2	--	134,499	(269)
Range Control Tower		m2 (SF)	26.94	(290)	4,111	(111)
Range Operations & Storage		m2 (SF)	74.32	(800)	1,752	(130)
Range Classroom Building		m2 (SF)	74.32	(800)	2,085	(155)
Total from Continuation page						(503)
<u>SUPPORTING FACILITIES</u>						514
Electric Service		LS	--	--	--	(84)
Site Imp(406) Demo()		LS	--	--	--	(406)
Information Systems		LS	--	--	--	(24)
ESTIMATED CONTRACT COST						5,618
CONTINGENCY (5.00%)						<u>281</u>
SUBTOTAL						5,899
SUPV, INSP & OVERHEAD (5.70%)						<u>336</u>
TOTAL REQUEST						6,235
TOTAL REQUEST (ROUNDED)						6,200
INSTALLED EQT-OTHER APPROP						(1,856)
10. Description of Proposed Construction Construct a standard design Automated Infantry Platoon Battle Course. Primary facilities include the Battle Course, helicopter landing zones, range operations tower, operations and storage building, classroom building, latrine, covered mess, ammo breakdown building, bleacher enclosure, range operations and control area, and building information systems. Supporting facilities include electric service, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW _r /5 Tons).						
11. REQ: 14 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard design Automated Infantry Platoon Battle Course at Fort Stewart, GA. (New Mission)						
REQUIREMENT: This project is required to train and test Infantry squads on the skills necessary to conduct tactical movement techniques, detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This requirement supports the stationing of Brigade Combat Teams as directed by Grow the Army.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Automated Infantry Platoon Battle Course	5. PROJECT NUMBER 72189
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	6,529	(121)
Covered Mess	m2 (SF)	74.32 (800)	806.46	(60)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	3,555	(61)
Bleacher Enclosure	m2 (SF)	67.45 (726)	1,357	(92)
Range Operations and Control	EA	1 --	126,253	(126)
SDD and EPAct05	LS	--	--	(23)
Antiterrorism Measures	LS	--	--	(8)
Building Information Systems	LS	--	--	(12)
			Total	503

CURRENT SITUATION: Fort Stewart does not have this type of training facility.

IMPACT IF NOT PROVIDED: If this project is not provided, Grow the Army Soldiers will lack the training provided by a standard infantry platoon battle course. Soldiers will be less than fully qualified in their mission essential tasks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... JUL 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Automated Infantry Platoon Battle Course	5. PROJECT NUMBER 72189
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	315
(b) All Other Design Costs.....	359
(c) Total Design Cost.....	674
(d) Contract.....	468
(e) In-house.....	206

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... JUL 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Target Systems	OPA	2012	1,849
Info Sys - ISC	OPA	2012	7
		TOTAL	1,856

Installation Engineer: Michael W. Biering
Phone Number: 912.767.8356

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 141	7. PROJECT NUMBER 72190	8. PROJECT COST (\$000) Auth 7,000 Approp 7,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,243
Training Aids Center	m2 (SF)	3,147 (33,870)		1,545	(4,862)
IDS Installation	LS	--		--	(27)
EMCS Connection	LS	--		--	(20)
SDD and EPAct05	LS	--		--	(104)
Antiterrorism Measures	LS	--		--	(104)
Building Information Systems	LS	--		--	(126)
<u>SUPPORTING FACILITIES</u>					1,106
Electric Service	LS	--		--	(167)
Water, Sewer, Gas	LS	--		--	(211)
Paving, Walks, Curbs & Gutters	LS	--		--	(230)
Storm Drainage	LS	--		--	(118)
Site Imp(204) Demo()	LS	--		--	(204)
Information Systems	LS	--		--	(168)
Antiterrorism Measures	LS	--		--	(8)
ESTIMATED CONTRACT COST					6,349
CONTINGENCY (5.00%)					317
SUBTOTAL					6,666
SUPV, INSP & OVERHEAD (5.70%)					380
TOTAL REQUEST					7,046
TOTAL REQUEST (ROUNDED)					7,000
INSTALLED EQT-OTHER APPROP					(1,313)
10. Description of Proposed Construction Construct a standard design Training Aids Center (TAC). The project will include installation of Intrusion Detection System (IDS) and connections to Energy Monitoring and Control Systems (EMCS). Support facilities include electric service, water, paving, storm drainage, gas heat, site preparation and antiterrorism measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 28 kW/8 Tons).					
11. REQ: 4,858 m2 ADQT: 1,711 m2 SUBSTD: NONE					
PROJECT: Construct a standard design Training Aids Center at Fort Stewart, GA. (New Mission)					
REQUIREMENT: Army relocations to Fort Stewart will increase the quantity and type of live and virtual training devices used. This will require storage to support the increases in training aid devices and to protect the investment for those devices.					
CURRENT SITUATION: Existing warehouse buildings do not have additional capacity to support increased training aids and devices. Current warehouse buildings are fully engaged supporting existing missions.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Stewart, Georgia		
4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 72190	
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Stewart will not be able to protect the training aid and device investment. Training components will be exposed to the elements drastically reducing useful life and compromising reliable use for training.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		
12. SUPPLEMENTAL DATA:		
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Campbell</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>299</u></p> <p>(b) All Other Design Costs..... <u>239</u></p> <p>(c) Total Design Cost..... <u>538</u></p> <p>(d) Contract..... <u>299</u></p> <p>(e) In-house..... <u>239</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>SEP 2012</u></p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 72190
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
MHE & Rack Systems	OPA	2012	1,198
Info Sys - ISC	OPA	2012	115
		TOTAL	<u>1,313</u>

Installation Engineer: Michael W. Biering
Phone Number: 912-767-8356

DEPARTMENT OF THE ARMY
FISCAL YEAR 2011
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Hawaii	Schofield Barracks (IMCOM)				171
52267	Barracks	98,000	98,000	C	173
52269	Barracks	90,000	90,000	C	176
64760	Training Aids Center	24,000	24,000	C	180
	Subtotal Schofield Barracks Part I	\$ 212,000	212,000		
	Fort Shafter (IMCOM)				183
56024	Flood Mitigation	23,000	23,000	C	185
65650	Command and Control Facility, Ph 1	58,000	58,000	C	188
	Subtotal Fort Shafter Part I	\$ 81,000	81,000		
	Tripler Army Medical Center (USARPAC)				
67258	Barracks	28,000	28,000	C	193
	Subtotal Tripler Army Medical Center Part I	\$ 28,000	28,000		
	* TOTAL MCA FOR Hawaii	\$ 321,000	321,000		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii			4. COMMAND US Army Pacific			5. AREA CONSTRUCTION COST INDEX 2.20	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1951	14447	1735	0	136	0	25,397
B. END FY 2015	1989	14159	2182	0	123	0	25,590
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	75,863 ha		(187,462 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	9,410,678						
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,610,357						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	212,000						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	24,000						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	2,253,132						
H. GRAND TOTAL.....	13,510,167						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	52267	Barracks		98,000	09/2008	08/2011	
721	52269	Barracks		90,000	09/2008	05/2011	
141	64760	Training Aids Center		24,000	09/2008	10/2010	
TOTAL				212,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
141	Centralized Wash Facility			24,000			
TOTAL				24,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Schofield Barracks garrisons the 25th Infantry Division (Light), United States Army Hawaii and their supporting organizations including 45th Corps Support Group and U.S. Army Military Police Brigade - Hawaii. It provides on-post Army Family Housing (RCI units) for approximately 3400 families. Support includes training ranges, and maneuver areas, and it is a mobilization station for the 9th Regional Readiness Command and Hawaii National Guard.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Schofield Barracks, Hawaii

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Schofield Barracks Hawaii				4.PROJECT TITLE Barracks		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 52267		8.PROJECT COST (\$000) Auth 98,000 Approp 98,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						70,289
Barracks		m2 (SF)	13,265 (142,784)		4,953	(65,696)
EMCS Connection		LS	--		--	(128)
SDD and EPAct05		LS	--		--	(1,408)
Antiterrorism Measures		LS	--		--	(2,114)
Building Information Systems		LS	--		--	(943)
<u>SUPPORTING FACILITIES</u>						14,406
Electric Service		LS	--		--	(2,985)
Water, Sewer, Gas		LS	--		--	(1,673)
Steam And/Or Chilled Water Dist		LS	--		--	(3,015)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,489)
Storm Drainage		LS	--		--	(1,525)
Site Imp(2,088) Demo()		LS	--		--	(2,088)
Information Systems		LS	--		--	(602)
Antiterrorism Measures		LS	--		--	(29)
ESTIMATED CONTRACT COST						84,695
CONTINGENCY (5.00%)						4,235
SUBTOTAL						88,930
SUPV, INSP & OVERHEAD (6.50%)						5,780
DESIGN/BUILD - DESIGN COST						3,557
TOTAL REQUEST						98,267
TOTAL REQUEST (ROUNDED)						98,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct two large standard design Barracks (one barracks for 228 spaces at Schofield Barracks and one barracks for 140 spaces at Helemano Military Reservation, a subpost of Schofield Barracks). Anti-Terrorism Force Protection measures are required for all buildings in this project and minimum standards will be provided. The high ATFP costs in the primary facilities are due to the limited real estate available. Installation of blast-rated windows and doors are required. Installation of mass notification (MNS), and information systems will be included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities, paving, walks, curbs and gutters, parking, fencing, storm drainage system, information systems, site and road improvements. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided in public areas. Air Conditioning (Estimated 362 kW/103 Tons).						
11. REQ:		6,487 PN	ADQT:		4,485 PN	SUBSTD: 724 PN
PROJECT: Construct standard design barracks at Schofield Barracks and Helemano Military Reservation Subpost of Schofield Barracks), HI. (Current						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 52267
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PROJECT: (CONTINUED)

Mission)

REQUIREMENT: This project is required to provide adequate permanent party barracks spaces for Soldiers that meet current standards.

CURRENT SITUATION: Personnel are currently utilizing existing gang latrine barracks that have inefficient layouts, are too small and are in substandard buildings. This project provides essential permanent standard designed facilities to support the units to be stationed at Schofield Barracks and its subpost, Helemano Military Reservation.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard facilities. This situation will adversely impact the quality of life, morale, command and control, and training.

Maintenance costs for utilities due to facility age will continue to increase.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$6 M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Schofield Barracks, Hawaii. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 1,343 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAY 2011
- (d) Date Design Complete..... AUG 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 52267
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Schofield Barracks

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>1,372</u>
(b) All Other Design Costs.....	<u>1,373</u>
(c) Total Design Cost.....	<u>2,745</u>
(d) Contract.....	<u>1,372</u>
(e) In-house.....	<u>1,373</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>MAR 2013</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Alan Goo
Phone Number: (808) 656-1289

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 52269		8. PROJECT COST (\$000) Auth 90,000 Approp 90,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						66,876
Renovate Barracks Bldg 450		m2 (SF)	7,896 (84,988)		3,031	(23,935)
Renovate Barracks Bldg 452		m2 (SF)	7,985 (85,953)		3,031	(24,207)
Renovate Chiller Plant		m2 (SF)	248.05 (2,670)		13,710	(3,401)
Lead Paint/Asbestos Removal		LS	--		--	(3,999)
EMCS Connection		LS	--		--	(59)
Total from Continuation page						(11,275)
<u>SUPPORTING FACILITIES</u>						10,927
Electric Service		LS	--		--	(931)
Water, Sewer, Gas		LS	--		--	(1,988)
Steam And/Or Chilled Water Dist		LS	--		--	(2,330)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,153)
Storm Drainage		LS	--		--	(1,266)
Site Imp(2,923) Demo()		LS	--		--	(2,923)
Information Systems		LS	--		--	(302)
Antiterrorism Measures		LS	--		--	(34)
ESTIMATED CONTRACT COST						77,803
CONTINGENCY (5.00%)						<u>3,890</u>
SUBTOTAL						81,693
SUPV, INSP & OVERHEAD (6.50%)						5,310
DESIGN/BUILD - DESIGN COST						<u>3,268</u>
TOTAL REQUEST						90,271
TOTAL REQUEST (ROUNDED)						90,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Renovate/modernize Buildings 450 and 452 of Quad D to provide unaccompanied enlisted personnel housing (UEPH). Lead paint and asbestos removal will be required. For historical preservation purposes, maintaining the architectural character of all buildings will be emphasized. The renovation of the existing buildings will include structural upgrades to meet current standards of Antiterrorism Force Protection (AT/FP) and seismic codes. The ATFP cost in the primary facility includes replacement of glazing for all exterior windows and exterior glazed doors with laminated glass. The ATFP cost in the supporting facility includes provisions for entry control barriers into parking and service entrances. Supporting facilities include mechanical central plant and associated utilities for the whole Quad. Supporting facilities include water, sanitary sewer, storm drainage, sub-drainage, electric service; fire protection and alarm systems and mass notification system (MNS) and information systems associated with the facilities. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 426 kW/121 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE

Barracks

5. PROJECT NUMBER

52269

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(1,365)
Antiterrorism Measures	LS	--	--	(8,886)
Building Information Systems	LS	--	--	(1,024)
			Total	11,275

11. REQ: 6,487 PN ADQT: 4,485 PN SUBSTD: 724 PN

PROJECT: Renovate/modernize Barracks at Schofield Barracks, HI. (Current Mission)

REQUIREMENT: This project is required to provide Soldiers with living conditions that meet current standards.

CURRENT SITUATION: Personnel are currently housed in an existing substandard barracks building located on Schofield Barracks. Existing living accommodations do not meet current Army standards. The Soldiers still use gang latrine and showers. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army standards to provide quality living conditions for the Soldier by separating the administrative and operations facilities from the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$6M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Schofield Barracks, HI. Upon completion of this multi-phased project and other projects approved through FY

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii		
4. PROJECT TITLE Barracks	5. PROJECT NUMBER 52269	
ADDITIONAL: (CONTINUED)		
2011, the remaining unaccompanied enlisted permanent party deficit is 1,343 personnel at this installation.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started..... <u>SEP 2008</u>		
(b) Percent Complete As Of January 2010..... <u>15.00</u>		
(c) Date 35% Designed..... <u>MAR 2011</u>		
(d) Date Design Complete..... <u>MAY 2011</u>		
(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u>		
(f) Type of Design Contract: Design-build		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used: Fort Irwin		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications..... <u>1,247</u>		
(b) All Other Design Costs..... <u>1,247</u>		
(c) Total Design Cost..... <u>2,494</u>		
(d) Contract..... <u>1,247</u>		
(e) In-house..... <u>1,247</u>		
(4) Construction Contract Award..... <u>JAN 2011</u>		
(5) Construction Start..... <u>MAR 2011</u>		
(6) Construction Completion..... <u>OCT 2013</u>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE Barracks	5.PROJECT NUMBER 52269
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Alan Goo
Phone Number: 808.656.1289

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii			4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 141	7. PROJECT NUMBER 64760	8. PROJECT COST (\$000) Auth 24,000 Approp 24,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					14,272
Training Aids Center		m2 (SF)	3,323 (35,770)	4,085	(13,574)
EMCS Connection		LS	--	--	(10)
SDD and EPAct05		LS	--	--	(281)
Antiterrorism Measures		LS	--	--	(93)
Building Information Systems		LS	--	--	(314)
<u>SUPPORTING FACILITIES</u>					7,614
Electric Service		LS	--	--	(859)
Water, Sewer, Gas		LS	--	--	(682)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,581)
Storm Drainage		LS	--	--	(689)
Site Imp(3,728) Demo()		LS	--	--	(3,728)
Information Systems		LS	--	--	(75)
ESTIMATED CONTRACT COST					21,886
CONTINGENCY (5.00%)					<u>1,094</u>
SUBTOTAL					22,980
SUPV, INSP & OVERHEAD (6.50%)					<u>1,494</u>
TOTAL REQUEST					24,474
TOTAL REQUEST (ROUNDED)					24,000
INSTALLED EQT-OTHER APPROP					(1,544)
10. Description of Proposed Construction Construct a Training Aids Center (TAC). Primary facilities include the TAC, connections to the Energy Monitoring and Control Systems (EMCS), and building information systems. Supporting facilities include: electric service; water, sewer, and gas; paving, walks, curbs and gutters; storm drainage; site improvements and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 317 kW/90 Tons).					
11. REQ: 7,838 m2 ADQT: NONE SUBSTD: 3,716 m2					
PROJECT: Construct a Training Aids Center at Schofield Barracks, HI. (Current Mission)					
REQUIREMENT: Brigade Combat Teams will increase the quantity and type of live and virtual training devices used. Additional storage is needed to support the increases in training aid devices and to protect the investment for those devices.					
CURRENT SITUATION: Existing warehouse buildings do not have additional capacity to support increased training aids and devices as well as the classroom and administrative spaces required. Current warehouse buildings are					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 64760
--	--------------------------------

CURRENT SITUATION: (CONTINUED)
fully engaged supporting existing missions.
IMPACT IF NOT PROVIDED: If this project is not provided, Schofield Barracks will not be able to protect the training aid and device investment. Training components will be exposed to the elements, drastically reducing useful life and compromising reliable use for training.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>SEP 2008</u>
(b) Percent Complete As Of January 2010.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2010</u>
(d) Date Design Complete.....	<u>OCT 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-bid-build	

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>952</u>
(b) All Other Design Costs.....	<u>952</u>
(c) Total Design Cost.....	<u>1,904</u>
(d) Contract.....	<u>952</u>
(e) In-house.....	<u>952</u>

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... APR 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Schofield Barracks, Hawaii

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 64760
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... OCT 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
MHE & Rack System	OPA	2011	1,482
Info Sys - ISC	OPA	2012	62
		TOTAL	<u>1,544</u>

Installation Engineer: Alan Goo
Phone Number: 808-656-1289

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 27 JAN 2010							
3. INSTALLATION AND LOCATION Fort Shafter Hawaii		4. COMMAND US Army Pacific		5. AREA CONSTRUCTION COST INDEX 2.16						
6. PERSONNEL STRENGTH:										
	PERMANENT		STUDENTS		SUPPORTED					
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	2255	3670	2393	18	9	1	55	65	3841	12,307
B. END FY 2015	2130	3630	2884	24	16	1	22	19	3751	12,477
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	745 ha		(1,841 AC)							
B. INVENTORY TOTAL AS OF 31 DEC 2008.....					4,654,524					
C. AUTHORIZATION NOT YET IN INVENTORY.....					102,300					
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....					81,000					
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....					9,800					
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....					0					
G. REMAINING DEFICIENCY.....					456,143					
H. GRAND TOTAL.....					5,303,767					
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START		COMPLETE		
891	56024	Flood Mitigation		23,000		09/2008		10/2010		
141	65650	Command and Control Facility, Ph 1		58,000		09/2008		10/2010		
TOTAL				81,000						
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE					(\$000)					
A. INCLUDED IN THE FY 2012 PROGRAM:										
740	Child Development Center-Under Six Yrs Age				9,800					
TOTAL				9,800						
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A					
10. MISSION OR MAJOR FUNCTIONS:										
Fort Shafter garrisons the Headquarter for United States Army Pacific Command and supporting organizations. It also provides on-post Army Family Housing (RCI units) for approximately 560 families. Fort Shafter is also home of the 9th Regional Readiness Command (USAR) and Pacific Ocean Division (POD) of the US Army Corps of Engineers.										

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Shafter, Hawaii

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Shafter Hawaii				4.PROJECT TITLE Flood Mitigation		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 891	7.PROJECT NUMBER 56024		8.PROJECT COST (\$000) Auth 23,000 Approp 23,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,346
Drainage Pump Station		m2 (SF)	211.82 (2,280)		27,641	(5,855)
Levee		m (LF)	716.28 (2,350)		2,190	(1,569)
Water Detention Basin		m2 (SF)	11,197 (120,520)		221.09	(2,475)
Government Vehicle Bridge		m2 (SF)	297.29 (3,200)		6,797	(2,021)
Generator Building		m2 (SF)	39.95 (430)		2,925	(117)
Total from Continuation page						(1,309)
<u>SUPPORTING FACILITIES</u>						7,661
Electric Service		LS	--		--	(919)
Water, Sewer, Gas		LS	--		--	(1,234)
Paving, Walks, Curbs & Gutters		LS	--		--	(962)
Site Imp(3,997) Demo()		LS	--		--	(3,997)
Information Systems		LS	--		--	(549)
ESTIMATED CONTRACT COST						21,007
CONTINGENCY (5.00%)						<u>1,050</u>
SUBTOTAL						22,057
SUPV, INSP & OVERHEAD (6.50%)						<u>1,434</u>
TOTAL REQUEST						23,491
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct flood mitigation structures at Fort Shafter Flats. Project will provide a flood control levee along the east bank of Kahauiki Stream. The project will also include bridge modification, underground storm drainage line relocations, new storm drainage detention, drainage pump station, generator building and building information systems. Supporting facilities include utilities and roadway relocations, fencing, site improvements, paving, curbs and gutters, walks and landscaping.						
11. REQ: 212 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a flood mitigation project at Fort Shafter, HI. (Current Mission)						
REQUIREMENT: This project is required to support planned permanent tactical equipment maintenance facilities (TEMFs) at Fort Shafter Flats. There are currently no adequate permanent TEMFS for units stationed at Fort Shafter. The only available land of sufficient size to construct permanent facilities is located in a flood zone in Fort Shafter Flats. This project will provide flood mitigation for the Fort Shafter Flats area so the Fort Shafter Consolidated TEMFs can be constructed.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Shafter, Hawaii

4. PROJECT TITLE Flood Mitigation	5. PROJECT NUMBER 56024
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Storm Drainage Line Relocation	LS	--	--	(1,219)
Building Information Systems	LS	--	--	(90)
			Total	1,309

CURRENT SITUATION: With the recent transformation of US Army Pacific (USARPAC) from an administrative command to a deployable command and the stationing of the USARPAC enablers on Fort Shafter, the requirement for tactical equipment maintenance facilities (TEMF) has increased dramatically. Adequate facilities do not exist at Fort Shafter. Units use two temporary sprung structures located on Fort Shafter Flats for vehicle maintenance. The lack of adequate maintenance facilities is compounded by the fact that there is limited space on Fort Shafter and the only contiguous adequately sized area available to construct standard sized TEMF is located in a flood zone on Fort Shafter Flats that must be mitigated.

IMPACT IF NOT PROVIDED: Units stationed at Fort Shafter will continue to work in less than adequate tactical equipment maintenance facilities, which may affect the readiness posture and effectiveness of the units.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Shafter, Hawaii

4. PROJECT TITLE Flood Mitigation	5. PROJECT NUMBER 56024
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 448
 - (b) All Other Design Costs..... 268
 - (c) Total Design Cost..... 716
 - (d) Contract..... 448
 - (e) In-house..... 268
- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... JAN 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Alan Goo
Phone Number: 808-656-1289

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Shafter Hawaii				4.PROJECT TITLE Command and Control Facility, Ph 1		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 65650		8.PROJECT COST (\$000) Auth 58,000 Approp 58,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNITCOST	COST (\$000)
<u>PRIMARY FACILITY</u>						46,960
Command & Control Fac Svc Core		m2 (SF)	1,752 (18,862)		6,999	(12,265)
Refrig./Air-Conditioning Bldg		m2 (SF)	789.68 (8,500)		8,988	(7,098)
Power Substation/Switching Bldg		m2 (SF)	190.45 (2,050)		4,133	(787)
Substation		kVA(KVA)	10,000 (10,000)		254.00	(2,540)
C2F Complex Infrastructure		ha (AC)	6.07 (15)		2780033	(16,875)
Total from Continuation page						(7,395)
<u>SUPPORTING FACILITIES</u>						5,351
Electric Service		LS	--		--	(190)
Water, Sewer, Gas		LS	--		--	(104)
Steam And/Or Chilled Water Dist		LS	--		--	(319)
Paving, Walks, Curbs & Gutters		LS	--		--	(327)
Storm Drainage		LS	--		--	(110)
Site Imp(1,929) Demo()		LS	--		--	(1,929)
Information Systems		LS	--		--	(2,372)
ESTIMATED CONTRACT COST						52,311
CONTINGENCY (5.00%)						<u>2,616</u>
SUBTOTAL						54,927
SUPV, INSP & OVERHEAD (6.50%)						<u>3,570</u>
TOTAL REQUEST						58,497
TOTAL REQUEST (ROUNDED)						58,000
INSTALLED EQT-OTHER APPROP						(4,296)
10.Description of Proposed Construction Construct a Command and Control Facility (C2F) Complex. This project is Phase 1 of a 4 phase project. Phases 2 through 4 will be requested in the future. This phase includes construction of the Command and Control Facility Service Core, central utility plants, and the development of infrastructure for the complex. The Service Core facility includes the main complex entrance and security reception area, computer based training, conference, communications room/hub, classroom and briefing areas. Work also includes primary infrastructure development for the Command and Control Complex, to include extension of utility mains; central utility plants; general site excavation, development and preparation; and site drainage. Facility construction includes redundant mechanical and electrical systems for designated areas, information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by connection to the complex's central utility plants. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Shafter, Hawaii

4. PROJECT TITLE

Command and Control Facility, Ph 1

5. PROJECT NUMBER

65650

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
C2F Complex Infrac/Electrical	ha (AC)	6.07 (15)	1006374	(6,109)
IDS Installation	LS	--	--	(18)
EMCS Connection	LS	--	--	(175)
SDD and EPAct05	LS	--	--	(245)
Antiterrorism Measures	LS	--	--	(508)
Building Information Systems	LS	--	--	(340)
			Total	7,395

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 246 kW/70 Tons).

11. REQ: 31,218 m2 ADQT: NONE SUBSTD: 9,462 m2

PROJECT: Construct Phase 1 of a Command and Control Facility at Fort Shafter, HI. (Current Mission)

REQUIREMENT: The Department of the Army has directed that US Army Pacific (USARPAC) transform into an operational, expeditionary Army Service Component Command to support the Pacific Command Combatant Commander (COCOM). This project supports the increased scope for size and operational capability needed for the transformed organization. This project is required to support the command and control requirements of the theater Army.

CURRENT SITUATION: U.S. Army Pacific functional operations are located in over 10 separate WWII wooden buildings. The command and control operations and supporting functions in separate multi-storied structures are inadequate and inefficient. Existing facilities are aged, failing and do not provide the operational capability levels of electrical, mechanical, and communications infrastructure required by the Command. This dispersal of facilities exacerbates the functional and operational problems and shortfalls currently experienced on Fort Shafter.

IMPACT IF NOT PROVIDED: If this project is not provided USARPAC will continue to operate inefficiently in separate dilapidated buildings and be unable to fully realize the capabilities demanded by Army Transformation for the Army headquarters.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Shafter, Hawaii

4. PROJECT TITLE Command and Control Facility, Ph 1	5. PROJECT NUMBER 65650
--	--------------------------------

ADDITIONAL: (CONTINUED)

has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	Requested FY2011(\$000)	FYDP FY2013(\$000)	FYDP FY2014(\$000)	FYDP FY2015(\$000)
Authorization	\$58,000	\$61,000	\$127,000	\$204,000
Authorization of Appropriation	\$58,000	\$61,000	\$127,000	\$204,000
Appropriation	\$58,000	\$61,000	\$127,000	\$204,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 2,800
- (b) All Other Design Costs..... 2,400
- (c) Total Design Cost..... 5,200
- (d) Contract..... 2,800
- (e) In-house..... 2,400

(4) Construction Contract Award..... JAN 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Shafter, Hawaii

4. PROJECT TITLE Command and Control Facility, Ph 1	5. PROJECT NUMBER 65650
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Equipment	OPA	2012	65
Info Sys - ISC	OPA	2012	17
Info Sys - PROP	OPA	2012	4,214
		TOTAL	<u>4,296</u>

Installation Engineer: Alan Goo
Phone Number: 808-656-1289

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Tripler Army Medical Center Hawaii				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 67258		8. PROJECT COST (\$000) Auth 28,000 Approp 28,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						20,618
Barracks Upgrade		m2 (SF)	5,668 (61,007)		2,917	(16,532)
Multipurpose Court		EA	1 --		211,059	(211)
Central Plant		EA	1 --		672,693	(673)
Transition Facilities		m2 (SF)	557.42 (6,000)		3,267	(1,821)
SDD and EPAct05		LS	--		--	(311)
Total from Continuation page						(1,070)
<u>SUPPORTING FACILITIES</u>						3,834
Electric Service		LS	--		--	(646)
Water, Sewer, Gas		LS	--		--	(183)
Steam And/Or Chilled Water Dist		LS	--		--	(157)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,190)
Storm Drainage		LS	--		--	(201)
Site Imp(917) Demo()		LS	--		--	(917)
Information Systems		LS	--		--	(525)
Antiterrorism Measures		LS	--		--	(15)
ESTIMATED CONTRACT COST						24,452
CONTINGENCY (5.00%)						1,223
SUBTOTAL						25,675
SUPV, INSP & OVERHEAD (6.50%)						1,669
DESIGN/BUILD - DESIGN COST						1,027
TOTAL REQUEST						28,371
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This project will renovate/upgrade Building 104 barracks to meet current standards. Structural upgrades will be required for the renovated building. Transition facilities will be used for swing space for displaced units and will be removed at the end of the project. Anti-Terrorism Force Protection measures are required. Project also includes a multipurpose court and central plant. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems associated with the facilities; and site improvements. The supporting facilities include relocation of utility lines, storm drainage, permanent relocation of telephone/LAN/Oceanic cables. Comprehensive building and furnishings related interior design services are required. Asbestos abatement is required for this renovation. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 91 kW/26 Tons).						
11. REQ:		776 PN ADQT:		403 PN SUBSTD:		134 PN
PROJECT: Renovate/Upgrade Barracks at Tripler Army Medical Center, HI.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Tripler Army Medical Center, Hawaii

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 67258
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(633)
Building Information Systems	LS	--	--	<u>(437)</u>
			Total	1,070

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: This project is required to renovate/upgrade barracks building 104 to comply with current standards.

CURRENT SITUATION: Personnel are currently housed in an existing substandard barracks building located on Tripler Army Medical Center. Existing living accommodations do not meet current Army standards. Soldiers still use gang latrine and showers that are substandard and have deteriorated utility systems. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, and comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army standards to provide quality living conditions for the Soldier by separating the administrative and operations facilities from the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in the 1940's and below current Army standards. Personnel must double-up in living quarters that are currently substandard or live off base during the scheduled modernization of existing barracks. This will adversely affect the Soldiers' quality-of-life and morale, compromising retention rates and ultimately, unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$2M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Tripler Army Medical Center, Hawaii

4.PROJECT TITLE Barracks	5.PROJECT NUMBER 67258
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ADDITIONAL: (CONTINUED)

unaccompanied enlisted personnel housing at Tripler Army Medical Center, HI. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 283 personnel at this installation.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Stewart
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 654
 - (b) All Other Design Costs..... 393
 - (c) Total Design Cost..... 1,047
 - (d) Contract..... 654
 - (e) In-house..... 393
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Tripler Army Medical Center, Hawaii

4.PROJECT TITLE Barracks	5.PROJECT NUMBER 67258
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Alan Goo
Phone Number: 808.656.1289

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kansas	Fort Leavenworth (IMCOM)				199
73808	Vehicle Maintenance Shop	7,100	7,100	N	201
	Subtotal Fort Leavenworth Part I	\$ 7,100	7,100		
	Fort Riley (IMCOM)				205
65171	Known Distance Range	7,200	7,200	C	207
65460	Automated Qualification/Training Range	14,800	14,800	C	210
65714	Battalion Complex, Ph 1	31,000	31,000	C	213
71696	Automated Infantry Squad Battle Course	4,100	4,100	C	217
	Subtotal Fort Riley Part I	\$ 57,100	57,100		
	* TOTAL MCA FOR Kansas	\$ 64,200	64,200		

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM					2. DATE 27 JAN 2010				
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.07					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009		1251	1291	1711	1816	11	95	231	493	2509	9,408
B. END FY 2015		1406	1991	2260	1698	28	141	176	1000	2485	11,185
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		2,281 ha			(5,637 AC)						
B. INVENTORY TOTAL AS OF 31 DEC 2008.....									2,284,779		
C. AUTHORIZATION NOT YET IN INVENTORY.....									300,409		
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....									7,100		
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....									0		
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....									0		
G. REMAINING DEFICIENCY.....									164,321		
H. GRAND TOTAL.....									2,756,609		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:											
CATEGORY PROJECT				PROJECT TITLE		COST (\$000)		DESIGN STATUS			
CODE	NUMBER			PROJECT TITLE		COST (\$000)		START	COMPLETE		
214	73808			Vehicle Maintenance Shop		7,100		08/2009	07/2011		
						TOTAL		7,100			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY				PROJECT TITLE		COST (\$000)					
CODE			PROJECT TITLE		COST (\$000)						
A. INCLUDED IN THE FY 2012 PROGRAM:				NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):				NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A					
10. MISSION OR MAJOR FUNCTIONS:											
<p>The Combined Arms Center provides leadership and command supervision for leader development and professional military/civilian education, institutional and collective training, battle command, all Army doctrine, and specified areas designated by the TRADOC Commander in order to serve as catalyst for change and to support developing relevant and ready land formations with a campaign capability in support of the Joint Force Commander. The mission of the post also includes the United States Disciplinary Barracks.</p>											

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Leavenworth, Kansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas				4.PROJECT TITLE Vehicle Maintenance Shop		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 214	7.PROJECT NUMBER 73808		8.PROJECT COST (\$000) Auth 7,100 Approp 7,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,245
Vehicle Maintenance Shop		m2 (SF)	1,672 (18,000)		2,453	(4,101)
Organizational Vehicle Parking		m2 (SY)	7,278 (8,705)		77.86	(567)
Organizational Storage		m2 (SF)	97.55 (1,050)		1,232	(120)
POL Storage Building		m2 (SF)	11.15 (120)		1,405	(16)
Hazardous Waste Storage		m2 (SF)	11.15 (120)		1,405	(16)
Total from Continuation page						(425)
<u>SUPPORTING FACILITIES</u>						941
Electric Service		LS	--		--	(229)
Water, Sewer, Gas		LS	--		--	(159)
Paving, Walks, Curbs & Gutters		LS	--		--	(201)
Storm Drainage		LS	--		--	(53)
Site Imp(171) Demo()		LS	--		--	(171)
Information Systems		LS	--		--	(108)
Antiterrorism Measures		LS	--		--	(20)
ESTIMATED CONTRACT COST						6,186
CONTINGENCY (5.00%)						309
SUBTOTAL						6,495
SUPV, INSP & OVERHEAD (5.70%)						370
DESIGN/BUILD - DESIGN COST						260
TOTAL REQUEST						7,125
TOTAL REQUEST (ROUNDED)						7,100
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design vehicle maintenance shop. The vehicle maintenance shop includes ancillary structures consisting of a hardstand for organizational vehicle parking, an organizational storage building, a Petroleum, Oils and Lubricants (POL) storage building, and a hazardous waste storage building. Supporting facilities include site utilities; electric service; security lighting; fire protection and alarm systems; water, sewer and gas; paving, walks, curbs and gutters; storm drainage; parking, site improvements, and information systems. Access for individuals with disabilities will be provided. Project will include installation of Intrusion Detection Systems (IDS) and connection to Energy Monitoring and Control Systems (EMCS). Heating and air conditioning will be provided by self contained units. Anti-Terrorism/Force Protection (AT/FP) measures include blast resistant windows and doors, structural reinforcement, and mass notification systems. Comprehensive building and furnishings related interior design services are required. Special foundations are required. Sustainable Design and Development (SDD) and Energy Polict Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 225 kWr/64 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Leavenworth, Kansas

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 73808
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundation	LS	--	--	(164)
IDS Installation	LS	--	--	(7)
EMCS Connections	LS	--	--	(5)
SDD and EPAct05	LS	--	--	(82)
Antiterrorism Measures	LS	--	--	(82)
Building Information Systems	LS	--	--	(85)
			Total	425

11. REQ: 4,285 m2 ADQT: 940 m2 SUBSTD: 3,345 m2

PROJECT: Construct a standard design vehicle maintenance shop at Fort Leavenworth, Kansas. (New mission)

REQUIREMENT: This project is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas		
4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 73808	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>AUG 2009</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>APR 2011</u></p> <p>(d) Date Design Complete..... <u>JUL 2011</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Bliss</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>209</u></p> <p>(b) All Other Design Costs..... <u>139</u></p> <p>(c) Total Design Cost..... <u>348</u></p> <p>(d) Contract..... <u>209</u></p> <p>(e) In-house..... <u>139</u></p> <p>(4) Construction Contract Award..... <u>MAR 2011</u></p> <p>(5) Construction Start..... <u>MAY 2011</u></p> <p>(6) Construction Completion..... <u>NOV 2012</u></p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 73808
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Harold W. Waugh
Phone Number: (913)684-5646

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.06	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	2160	15804	2053	0	10	0	26,162
B. END FY 2015	2236	15582	2217	0	13	0	26,156
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	40,755 ha		(100,707 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						4,384,501	
C. AUTHORIZATION NOT YET IN INVENTORY.....						947,266	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						57,100	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						26,250	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						10,200	
G. REMAINING DEFICIENCY.....						813,781	
H. GRAND TOTAL.....						6,239,098	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
178	65171	Known Distance Range		7,200	09/2008	10/2010	
178	65460	Automated Qualification/Training Range		14,800	09/2008	10/2010	
721	65714	Battalion Complex, Ph 1		31,000	09/2008	05/2011	
178	71696	Automated Infantry Squad Battle Course		4,100	09/2008	09/2010	
TOTAL				57,100			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
740	Community Activity Center			13,000			
141	Airfield Control Group Opns Facility			3,850			
730	Chapel			9,400			
TOTAL				26,250			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):							
141	Vehicle Inspection Processing Facility			10,200			
TOTAL				10,200			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Riley, Kansas

10. MISSION OR MAJOR FUNCTIONS:

Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Security Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Riley Kansas				4.PROJECT TITLE Known Distance Range		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 178	7.PROJECT NUMBER 65171		8.PROJECT COST (\$000) Auth 7,200 Approp 7,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,226
Known Distance (KD) Range		FP		32 --	165,606	(5,299)
Classroom Building		m2 (SF)		74.32 (800)	2,414	(179)
Range Operations & Storage		m2 (SF)		74.32 (800)	1,822	(135)
Control Tower		m2 (SF)		26.94 (290)	4,693	(126)
Ammo Breakdown Building		m2 (SF)		17.19 (185)	3,663	(63)
Total from Continuation page						(424)
<u>SUPPORTING FACILITIES</u>						301
Electric Service		LS		--	--	(190)
Paving, Walks, Curbs & Gutters		LS		--	--	(98)
Information Systems		LS		--	--	(13)
ESTIMATED CONTRACT COST						6,527
CONTINGENCY (5.00%)						326
SUBTOTAL						6,853
SUPV, INSP & OVERHEAD (5.70%)						391
TOTAL REQUEST						7,244
TOTAL REQUEST (ROUNDED)						7,200
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard Known Distance Training Range. Primary facilities include the Known Distance Range, classroom building, operations and storage building, control tower, ammunition breakdown building, latrine, bleacher enclosure, range operations and control area, covered mess, and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service, paving, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW _r /5 Tons).						
11. REQ: 32 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard design Known Distance Training Range at Fort Riley, KS. (Current Mission)						
REQUIREMENT: The need now exists for a Known Distance Range due to the transformation and realignment of new Battalions at Fort Riley. This project is required to provide adequate training facilities that meet current Army standards for training requirements.						
CURRENT SITUATION: Currently there are no existing ranges that support Army standards for Known Distance engagements and training at Fort Riley, Kansas.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE Known Distance Range	5. PROJECT NUMBER 65171
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	7,004	(130)
Bleacher Enclosure	m2 (SF)	67.45 (726)	1,542	(104)
Covered Mess	m2 (SF)	74.32 (800)	933.91	(69)
Range Operations Control Area	EA	1 --	70,068	(70)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(33)
Total				424

IMPACT IF NOT PROVIDED: If this project is not provided, US Army Forces Command (FORSCOM), Reserve, and National Guard Soldiers will not be able to train to current Army standards and requirements. Soldiers will continue to train on sub and nonstandard training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE Known Distance Range	5. PROJECT NUMBER 65171
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Campbell
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 274
 - (b) All Other Design Costs..... 196
 - (c) Total Design Cost..... 470
 - (d) Contract..... 300
 - (e) In-house..... 170
- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Larry McGee
Phone Number: 785-239-3906

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Automated Qualification/Training Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65460	8. PROJECT COST (\$000) Auth 14,800 Approp 14,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					13,021
Qualification Trng Range		FP	5 --	2280090	(11,400)
Range Operations & Control Area		EA	1 --	713,926	(714)
Range Operations Control Tower		m2 (SF)	26.94 (290)	4,699	(127)
Range Operations & Storage		m2 (SF)	74.32 (800)	1,822	(135)
Classroom Building		m2 (SF)	74.32 (800)	2,414	(179)
Total from Continuation page					(466)
<u>SUPPORTING FACILITIES</u>					367
Electric Service		LS	--	--	(101)
Paving, Walks, Curbs & Gutters		LS	--	--	(106)
Site Imp(14) Demo(5)		LS	--	--	(19)
Information Systems		LS	--	--	(141)
ESTIMATED CONTRACT COST					13,388
CONTINGENCY (5.00%)					669
SUBTOTAL					14,057
SUPV, INSP & OVERHEAD (5.70%)					801
TOTAL REQUEST					14,858
TOTAL REQUEST (ROUNDED)					14,800
INSTALLED EQT-OTHER APPROP					(2,509)
10. Description of Proposed Construction Construct a standard design Automated Qualification Training Range. Primary facilities include the qualification training range, range operations and control center, control tower, operations and storage building, classroom building, ammunition breakdown buildings, latrine, bleacher enclosure, covered mess, antiterrorism measures, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, storm drainage, roads and parking, signs and barricades, site improvements, and information systems. Self-contained heating system and cooling will be provided in the range buildings. Demolish 4 Buildings (TOTAL 52 m2/562 SF). Air Conditioning (Estimated 35 kW/10 Tons).					
11. REQ: 83 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design Automated Qualification Training Range at Fort Riley, KS. (Current Mission)					
REQUIREMENT: The Automated Qualification Training Range is used to train and test Soldiers on a wide range of weapons to identify, engage and defeat stationary and moving targets in a tactical array. All targets are fully automated and the event specific target scenario is computer driven and scored from the range operations center. The range operating system is capable of					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE Automated Qualification/Training Range	5. PROJECT NUMBER 65460
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	7,004	(130)
Covered Mess	m2 (SF)	74.32 (800)	933.91	(69)
Ammo Breakdown Bldg	m2 (SF)	17.19 (185)	3,663	(63)
Bleacher Enclosure	m2 (SF)	49.80 (536)	1,591	(79)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(107)
			Total	466

REQUIREMENT: (CONTINUED)

providing immediate performance feedback to the users.
CURRENT SITUATION: Fort Riley does not have an Automated Qualification Training Range. Multiple different ranges are required to train Soldiers on the common weapon systems found at the platoon and company level.
IMPACT IF NOT PROVIDED: If this project is not provided, adequate facilities will not be available for realistic training in a tactical environment. Realistic scenarios must be presented to train and test situational awareness, target detection and engagement, and immediate feedback through after action review; this will not be available at Fort Riley without this range.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE Automated Qualification/Training Range	5. PROJECT NUMBER 65460
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) Parametric Cost Estimating Used to Develop Costs _____ YES

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Carson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	289
(b) All Other Design Costs.....	174
(c) Total Design Cost.....	463
(d) Contract.....	289
(e) In-house.....	174

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Equipment Req.	OPA	2012	2,457
Info Sys - ISC	OPA	2012	52
		TOTAL	2,509

Installation Engineer: Larry McGee
Phone Number: 785.239.3906

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Battalion Complex, Ph 1		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 65714		8. PROJECT COST (\$000) Auth 31,000 Approp 31,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,163
Barracks		m2 (SF)	5,304 (57,096)		2,423	(12,852)
Battalion HQs w/Classrooms		m2 (SF)	1,524 (16,400)		2,470	(3,763)
Vehicle Maintenance Shop		m2 (SF)	1,672 (18,000)		2,663	(4,454)
Oil Storage Building		m2 (SF)	39.02 (420)		1,195	(47)
Hazardous Waste Storage		m2 (SF)	39.02 (420)		1,195	(47)
Total from Continuation page						(4,000)
<u>SUPPORTING FACILITIES</u>						3,210
Electric Service		LS	--		--	(363)
Water, Sewer, Gas		LS	--		--	(406)
Steam And/Or Chilled Water Dist		LS	--		--	(22)
Paving, Walks, Curbs & Gutters		LS	--		--	(828)
Storm Drainage		LS	--		--	(265)
Site Imp(1,144) Demo()		LS	--		--	(1,144)
Information Systems		LS	--		--	(123)
Antiterrorism Measures		LS	--		--	(59)
ESTIMATED CONTRACT COST						28,373
CONTINGENCY (5.00%)						<u>1,419</u>
SUBTOTAL						29,792
SUPV, INSP & OVERHEAD (5.70%)						<u>1,698</u>
TOTAL REQUEST						31,490
TOTAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This project is phase 1 of a 2 phase project. Phase 2 will be programmed in a future year. Construct a standard design Aviation Battalion Complex. Primary facilities include standard design barracks, battalion headquarters with classrooms, vehicle maintenance shop, oil storage, hazardous waste storage, organizational storage, and organizational vehicle parking. Supporting facilities include site utilities; electric service; security lighting; fire protection and alarm system; paving, walks, curbs and gutters, parking, and site improvements; storm drainage; and information systems. Access for individuals with disabilities will be provided. Project will include special foundations, Energy Monitoring Control Systems (EMCS) connections, installation of Intrusion Detection system (IDS) and building information systems. Anti-Terrorism/force protection (AT/FP) measures include blast resistant windows and doors, architectural reinforcement, mass notification system, HVAC controls, conduit for security systems, and general structural reinforcements. Site measures such as bollards, force protection lights, barrier and landscaping will be provided. Comprehensive interior and furnishings related services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 528 kW/150 Tons).						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Fort Riley, Kansas

4. PROJECT TITLE	5. PROJECT NUMBER
Battalion Complex, Ph 1	65714

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking	m2 (SY)	4,181 (5,000)	101.13	(423)
Organizational Storage	m2 (SF)	422.71 (4,550)	1,097	(464)
Special Foundations	LS	--	--	(933)
IDS Installation	EA	1 --	17,802	(18)
EMCS Connections	EA	1 --	106,812	(107)
SDD and EPAct05	LS	--	--	(421)
Antiterrorism Measures	LS	--	--	(525)
Building Information Systems	LS	--	--	(1,109)
			Total	4,000

11. REQ: 5,825 PN ADQT: 5,576 PN SUBSTD: 2,537 PN
PROJECT: Construct an Attack Aviation Battalion Complex at Fort Riley, Kansas. (Current Mission)
REQUIREMENT: The project is required to provide permanent bed down facilities to support the realignment of an attack aviation battalion to Fort Riley. This project will provide 156 barracks spaces.
CURRENT SITUATION: There are some existing facilities at Marshall Army Airfield to support the stationing of an Attack Aviation Battalion. There are also some sub-standard facilities and relocatable buildings available for use. This project provides essential permanent living and working facilities to support the Attack Aviation Battalion to be realigned to Fort Riley, Kansas.
IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide adequate permanent facilities to station the Attack Aviation Battalion at Fort Riley.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.
During the past two years, \$26.1 M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE

Battalion Complex, Ph 1

5. PROJECT NUMBER

65714

ADDITIONAL: (CONTINUED)

unaccompanied enlisted personnel housing at Fort Riley, Kansas. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

	Requested FY2011 (\$000)	FYDP TBD (\$000)
Authorization	\$31,000	\$64,000
Authorization of Appropriation	\$31,000	\$64,000
Appropriation	\$31,000	\$64,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... FEB 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 753
- (b) All Other Design Costs..... 451
- (c) Total Design Cost..... 1,204
- (d) Contract..... 753
- (e) In-house..... 451

(4) Construction Contract Award..... JAN 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE Battalion Complex, Ph 1	5. PROJECT NUMBER 65714
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Larry McGee
Phone Number: 785-239-3906

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Automated Infantry Squad Battle Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 71696		8. PROJECT COST (\$000) Auth 4,100 Approp 4,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						3,547
Infantry Squad Battle Course		FP	5 --		469,801	(2,349)
Range Operations & Control Area		EA	1 --		299,829	(300)
Range Operations Tower		m2 (SF)	26.94 (290)		4,699	(127)
Range Operations & Storage		m2 (SF)	74.32 (800)		1,822	(135)
Classroom Building		m2 (SF)	74.32 (800)		2,414	(179)
Total from Continuation page						(457)
SUPPORTING FACILITIES						164
Site Imp(22) Demo()		LS	--		--	(22)
Information Systems		LS	--		--	(142)
ESTIMATED CONTRACT COST						3,711
CONTINGENCY (5.00%)						186
SUBTOTAL						3,897
SUPV, INSP & OVERHEAD (5.70%)						222
TOTAL REQUEST						4,119
TOTAL REQUEST (ROUNDED)						4,100
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct standard design Automated Infantry Squad Battle Course. Primary facilities include the Battle Course, range operations and control area, range operations tower, operations and storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Support facilities include site improvements and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ:		5 FP	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a standard design Automated Infantry Squad Battle Course at Fort Riley, KS. (Current Mission)						
REQUIREMENT: This project is required for Fort Riley power projection units to train and test infantry squads on the skills necessary to conduct tactical movement techniques, detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. Squad level tactical training provides foundational combat skills necessary to progress further in tactical proficiencies.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE Automated Infantry Squad Battle Course	5. PROJECT NUMBER 71696
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	7,003	(130)
Covered Mess	m2 (SF)	74.32 (800)	933.91	(69)
Ammo Breakdown Building	m2 (SF)	17.19 (185)	3,663	(63)
Bleacher Enclosure	m2 (SF)	49.80 (536)	1,591	(79)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(98)
Total				457

CURRENT SITUATION: The current ranges do not meet current standards for the enhanced training of the modern Infantry Squad.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers of Fort Riley, Reserve and National Guard units that train there will not be able to obtain and maintain proficiency for live fire training for squad level engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... SEP 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Riley, Kansas

4.PROJECT TITLE Automated Infantry Squad Battle Course	5.PROJECT NUMBER 71696
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Sill
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-----|
| (a) Production of Plans and Specifications..... | 232 |
| (b) All Other Design Costs..... | 391 |
| (c) Total Design Cost..... | 623 |
| (d) Contract..... | 346 |
| (e) In-house..... | 277 |
- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NA			

Installation Engineer: Larry McGee
Phone Number: 785.239.3906

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kentucky	Fort Campbell (IMCOM)				223
58511	Brigade Complex	67,000	67,000	C	225
60155	Company Operations Facilities	25,000	25,000	C	229
64295	Vehicle Maintenance Shop	15,500	15,500	C	232
64298	Unit Operations Facilities	26,000	26,000	N	236
67015	Automated Sniper Field Fire Range	1,500	1,500	C	239
67040	Rappelling Training Area	5,600	5,600	C	242
71713	Urban Assault Course	3,300	3,300	C	245
	Subtotal Fort Campbell Part I	\$ 143,900	143,900		
	Fort Knox (IMCOM)				249
58675	Mout Collective Training Facility	12,800	12,800	C	251
70261	Access Corridor Improvements	6,000	6,000	C	254
	Subtotal Fort Knox Part I	\$ 18,800	18,800		
	* TOTAL MCA FOR Kentucky	\$ 162,700	162,700		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.99	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	3980	25914	2026	0	201	0	78 483 6014 38,696
B. END FY 2015	4166	25523	2435	48	210	0	41 413 6054 38,890
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	43,206 ha		(106,763 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							6,364,190
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,174,881
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							143,900
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							217,040
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							1,317,058
H. GRAND TOTAL.....							9,217,069
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	58511	Brigade Complex		67,000	09/2008	05/2011	
141	60155	Company Operations Facilities		25,000	09/2008	10/2010	
214	64295	Vehicle Maintenance Shop		15,500	09/2008	10/2010	
141	64298	Unit Operations Facilities		26,000	09/2008	10/2010	
179	67040	Rappelling Training Area		5,600	09/2009	12/2010	
178	67015	Automated Sniper Field Fire Range		1,500	09/2008	12/2010	
178	71713	Urban Assault Course		3,300	03/2010	01/2011	
TOTAL				143,900			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. INCLUDED IN THE FY 2012 PROGRAM:							
214	Vehicle Maintenance Shop		20,000				
141	Brigade Complex		64,240				
740	Physical Fitness Facility		12,800				
510	Hospital Add/Alt		68,000				
178	Scout/Recce Gunnery Range		17,000				
141	UAS		35,000				
TOTAL				217,040			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Campbell, Kentucky

10. MISSION OR MAJOR FUNCTIONS:

Support and train an Airborne (Air Assault) Division, the 160th Special Operations Aviation Regiment, 5th Special Forces Group, and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky				4.PROJECT TITLE Brigade Complex		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 58511		8.PROJECT COST (\$000) Auth 67,000 Approp 67,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						51,286
Barracks		m2 (SF)	11,153 (120,048)		1,952	(21,767)
Brigade Headquarters		m2 (SF)	3,725 (40,100)		2,142	(7,978)
Battalion HQs w/Classrooms		m2 (SF)	9,179 (98,800)		1,908	(17,511)
IDS Connection		LS	--		--	(22)
EMCS Connections		LS	--		--	(178)
Total from Continuation page						(3,830)
<u>SUPPORTING FACILITIES</u>						7,183
Electric Service		LS	--		--	(1,517)
Water, Sewer, Gas		LS	--		--	(321)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,830)
Storm Drainage		LS	--		--	(823)
Site Imp(1,626) Demo()		LS	--		--	(1,626)
Information Systems		LS	--		--	(30)
Antiterrorism Measures		LS	--		--	(36)
ESTIMATED CONTRACT COST						58,469
CONTINGENCY (5.00%)						2,923
SUBTOTAL						61,392
SUPV, INSP & OVERHEAD (5.70%)						3,499
DESIGN/BUILD - DESIGN COST						2,456
TOTAL REQUEST						67,347
TOTAL REQUEST (ROUNDED)						67,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct standard design facilities for an Infantry Brigade Combat Team complex. Work includes construction of standard design barracks, brigade headquarters, and battalion headquarters with classrooms. Work also includes connection to the energy monitoring and control systems (EMCS), installation of an intrusion detection system (IDS) and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; lighting; signage; information systems; and site improvements. Heating and air conditioning will be provided by self-contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism Standards for Buildings will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 2,251 kW/640 Tons).						
11. REQ:		9,691 PN	ADQT: 7,924 PN		SUBSTD:	3,780 PN
PROJECT: Construct standard design facilities for a Brigade Complex at Fort Campbell, KY. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Campbell, Kentucky

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 58511
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(977)
Antiterrorism Measures	LS	--	--	(1,220)
Building Information Systems	LS	--	--	(1,633)
			Total	3,830

REQUIREMENT: This project is required to provide living and working conditions that meet current standards for Soldiers. The intended utilization is 226 Junior Enlisted and 51 Sergeants.

CURRENT SITUATION: The existing barracks are aging and are severely deteriorated. The existing operational facilities are significantly undersized and located in the Korean War era barracks. In addition, the administrative facilities have inefficient layouts, lack space for the storage and use of current equipment, and are widely dispersed. These aging facilities have gang latrines, inadequate and failing heating and cooling system, and failing plumbing. The lack of modern living and working conditions has decreased the quality of life for these highly trained and specialized Soldiers.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$8M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Campbell, Kentucky. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 1,439 personnel at this installation.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky		
4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 58511	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>FEB 2011</u></p> <p>(d) Date Design Complete..... <u>MAY 2011</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Campbell</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>1,665</u></p> <p>(b) All Other Design Costs..... <u>999</u></p> <p>(c) Total Design Cost..... <u>2,664</u></p> <p>(d) Contract..... <u>1,665</u></p> <p>(e) In-house..... <u>999</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2013</u></p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 58511
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Judith Hudson
Phone Number: (270)798-9700

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky				4.PROJECT TITLE Company Operations Facilities		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 60155		8.PROJECT COST (\$000) Auth 25,000 Approp 25,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						20,471
Company Operations Facility		m2 (SF)	9,283 (99,917)		1,946	(18,062)
Covered Hardstand		m2 (SF)	1,580 (17,010)		734.46	(1,161)
IDS Installation		LS	--		--	(58)
EMCS Connection		LS	--		--	(101)
SDD and EPAct05		LS	--		--	(375)
Total from Continuation page						(714)
SUPPORTING FACILITIES						2,498
Electric Service		LS	--		--	(354)
Water, Sewer, Gas		LS	--		--	(168)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,301)
Storm Drainage		LS	--		--	(111)
Site Imp(501) Demo()		LS	--		--	(501)
Information Systems		LS	--		--	(51)
Antiterrorism Measures		LS	--		--	(12)
ESTIMATED CONTRACT COST						22,969
CONTINGENCY (5.00%)						<u>1,148</u>
SUBTOTAL						24,117
SUPV, INSP & OVERHEAD (5.70%)						<u>1,375</u>
TOTAL REQUEST						25,492
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct standard-design company operation facilities. Project includes construction of standard design company operations facilities with covered hardstand. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Construction includes connection to the energy monitoring and control systems (EMCS), installation of an intrusion detection system (IDS) and building information systems. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Heating and air conditioning will be provided by self-contained units. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism Standards for Buildings will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 703 kW/200 Tons).						
11. REQ:		305,819 m2	ADQT:		159,253 m2	SUBSTD: 146,567 m2
PROJECT: Construct standard design company operations facilities at Fort Campbell, KY. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 60155
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(469)
Building Information Systems	LS	--	--	(245)
Total				714

REQUIREMENT: This project is required to provide company operations facilities and covered hardstand that comply with the current standards for Soldiers stationed at Fort Campbell.

CURRENT SITUATION: Current administrative facilities have inefficient layouts, lack space for the storage and use of current equipment, and are widely dispersed. Deteriorating heating and cooling systems provide inadequate climate control. The existing buildings do not meet current life safety codes and cannot meet current energy standards. The existing facilities also lack adequate security features or current fire protection systems.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers stationed at Fort Campbell will continue to work in facilities which have improperly functioning heating and cooling systems; inadequately sized utilities and poor safety and security components. Soldiers will continue to work in substandard and deteriorated facilities, which will adversely impact morale.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Campbell, Kentucky

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 60155
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Adapt-Build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>491</u>
(b) All Other Design Costs.....	<u>368</u>
(c) Total Design Cost.....	<u>859</u>
(d) Contract.....	<u>491</u>
(e) In-house.....	<u>368</u>

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010		
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Vehicle Maintenance Shop			
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 214	7. PROJECT NUMBER 64295	8. PROJECT COST (\$000) Auth 15,500 Approp 15,500			
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					11,835	
Vehicle Maintenance Shop		m2 (SF)	3,279 (35,290)	2,313	(7,585)	
Organizational Storage		m2 (SF)	422.71 (4,550)	1,030	(436)	
Organizational Vehicle Parking		m2 (SY)	23,783 (28,444)	112.28	(2,670)	
Oil Storage Building		m2 (SF)	44.59 (480)	1,197	(53)	
Hazardous Waste Storage		m2 (SF)	44.59 (480)	1,197	(53)	
Total from Continuation page					(1,038)	
<u>SUPPORTING FACILITIES</u>					2,273	
Electric Service		LS	--	--	(428)	
Water, Sewer, Gas		LS	--	--	(184)	
Paving, Walks, Curbs & Gutters		LS	--	--	(118)	
Storm Drainage		LS	--	--	(421)	
Site Imp(640) Demo()		LS	--	--	(640)	
Information Systems		LS	--	--	(471)	
Antiterrorism Measures		LS	--	--	(11)	
ESTIMATED CONTRACT COST					14,108	
CONTINGENCY (5.00%)					705	
SUBTOTAL					14,813	
SUPV, INSP & OVERHEAD (5.70%)					844	
TOTAL REQUEST					15,657	
TOTAL REQUEST (ROUNDED)					15,500	
INSTALLED EQT-OTHER APPROP					()	
10. Description of Proposed Construction Construct standard design vehicle maintenance facilities to complete a Brigade Combat Team complex. Primary facilities include construction of a vehicle maintenance shop, organization storage facilities, oil storage building, hazardous waste storage, organizational vehicle parking, remote switching unit (RSU) building addition, and tactical unmanned aerial vehicle (TUAV) storage. Work will include connection to energy monitoring and control systems (EMCS) and installation of intrusion detection systems (IDS) and building information systems. Existing relocatable temporary structures reside within the project footprint and will require relocation or disposal. Supporting facilities include utilities; paving, walks, curbs and gutters; parking; storm drainage; information systems; landscaping and site improvements. Antiterrorism measures will be provided. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 478 kW/136 Tons).						
11. REQ:		123,314 m2	ADQT:	62,895 m2	SUBSTD:	57,068 m2
PROJECT: Construct a standard design Vehicle Maintenance Shop at Fort Campbell, KY. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 64295
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
RSU Building Addition	m2 (SF)	74.32 (800)	3,131	(233)
TUAV Storage	m2 (SF)	167.23 (1,800)	1,142	(191)
IDS Installation	LS	--	--	(9)
EMCS Connection	LS	--	--	(28)
SDD and EPAct05	LS	--	--	(161)
Antiterrorism Measures	LS	--	--	(201)
Building Information Systems	LS	--	--	(215)
			Total	1,038

REQUIREMENT: This project is required to support the stationing of a brigade combat team as part of the Army Modular Force Initiative at Fort Campbell. This project will provide maintenance facilities that comply with current standards. This project will provide facilities to accommodate an increase in personnel due to the restructuring of forces.

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under these facility category codes are fully utilized. This project provides essential permanent maintenance facilities to support a Brigade Combat Team stationing at Fort Campbell, Kentucky.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide permanent facilities to accomplish the stationing of a Brigade Combat Team at Fort Campbell, Kentucky.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 64295
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bragg

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 315
 - (b) All Other Design Costs..... 315
 - (c) Total Design Cost..... 630
 - (d) Contract..... 315
 - (e) In-house..... 315

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... APR 2011

- (6) Construction Completion..... OCT 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE Vehicle Maintenance Shop	5.PROJECT NUMBER 64295
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE Unit Operations Facilities		
5.PROGRAM ELEMENT 22096A	6.CATEGORY CODE 141	7.PROJECT NUMBER 64298	8.PROJECT COST (\$000) Auth 26,000 Approp 26,000		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNITCOST	COST (\$000)
<u>PRIMARY FACILITY</u>					20,102
Company Operations Facilities		m2 (SF)	7,183 (77,317)	1,887	(13,558)
Covered Hardstand		m2 (SF)	1,387 (14,925)	726.44	(1,007)
Battalion HQs w/Classrooms		m2 (SF)	1,682 (18,100)	2,260	(3,800)
RSU Building Addition		m2 (SF)	74.32 (800)	3,089	(230)
IDS Installation		LS	--	--	(59)
Total from Continuation page					(1,448)
<u>SUPPORTING FACILITIES</u>					3,766
Electric Service		LS	--	--	(429)
Water, Sewer, Gas		LS	--	--	(287)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,858)
Storm Drainage		LS	--	--	(478)
Site Imp(442) Demo()		LS	--	--	(442)
Information Systems		LS	--	--	(254)
Antiterrorism Measures		LS	--	--	(18)
ESTIMATED CONTRACT COST					23,868
CONTINGENCY (5.00%)					<u>1,193</u>
SUBTOTAL					25,061
SUPV, INSP & OVERHEAD (5.70%)					<u>1,428</u>
TOTAL REQUEST					26,489
TOTAL REQUEST (ROUNDED)					26,000
INSTALLED EQT-OTHER APPROP					()
10.Description of Proposed Construction Construct standard design company operations facilities and Battalion Headquarters. Primary facilities include company operations facilities with covered hardstand, Battalion Headquarters with classrooms, building information systems, fire protection and alarm systems, remote switching unit (RSU) building addition, installation of Intrusion Detection System (IDS), and connection to Energy Monitoring Control Systems (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities; paving, walks, curbs and gutters; parking; storm drainage; lighting; signage; information systems; landscaping and site improvements. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism Standards for Buildings will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 598 kW/170 Tons).					
11. REQ: 305,819 m2 ADQT: 159,253 m2 SUBSTD: 146,567 m2 PROJECT: Construct standard design unit operations facilities at Fort Campbell, KY. (New Mission)					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Unit Operations Facilities	5. PROJECT NUMBER 64298
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(147)
SDD and EPAct05	LS	--	--	(369)
Antiterrorism Measures	LS	--	--	(461)
Building Information Systems	LS	--	--	(471)
			Total	1,448

REQUIREMENT: This project is required to support the stationing of Echelons Above Brigade units at Fort Campbell. Facilities required to support these units include company operations facilities and Battalion Headquarters. This project will provide facilities to accommodate an increase in personnel due to the restructuring of forces as part of the Army Modular Force Transformation.

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under these facility category codes are fully utilized. This project provides essential unit operations facilities to support the establishment of the EAB Complex at Fort Campbell, KY.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will be unable to station EAB units into permanent, adequate facilities at Fort Campbell, KY.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE Unit Operations Facilities	5.PROJECT NUMBER 64298
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Drum

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 512
- (b) All Other Design Costs..... 384
- (c) Total Design Cost..... 896
- (d) Contract..... 512
- (e) In-house..... 384

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... APR 2011

(6) Construction Completion..... APR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky				4. PROJECT TITLE Automated Sniper Field Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 67015		8. PROJECT COST (\$000) Auth 1,500 Approp 1,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,236
Sniper Field Fire Range		FP	4	--	115,300	(461)
Range Operations & Storage		m2 (SF)	74.32	(800)	1,703	(127)
Classroom Building		m2 (SF)	74.32	(800)	2,257	(168)
Range Operations Tower		m2 (SF)	23.78	(256)	626.45	(15)
Latrine		m2 (SF)	18.58	(200)	6,547	(122)
Total from Continuation page						(343)
<u>SUPPORTING FACILITIES</u>						137
Site Imp(3) Demo()		LS	--	--	--	(3)
Information Systems		LS	--	--	--	(131)
Antiterrorism Measures		LS	--	--	--	(3)
ESTIMATED CONTRACT COST						1,373
CONTINGENCY (5.00%)						69
SUBTOTAL						1,442
SUPV, INSP & OVERHEAD (5.70%)						82
TOTAL REQUEST						1,524
TOTAL REQUEST (ROUNDED)						1,500
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Automated Sniper Field Fire Range. Primary facilities include the Sniper Field Fire Range, range operations tower, range operations & storage, latrine, covered mess, bleacher enclosure, ammo breakdown building, classroom building, range operations and control area, and building information systems. Supporting facilities include site improvements and information systems. Antiterrorism measures will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ:		4 FP	ADQT:		NONE	SUBSTD:
						1 FP
PROJECT: Construct a standard design Automated Sniper Field Fire Range at Fort Campbell, KY. (Current Mission)						
REQUIREMENT: This project is required to meet the live-fire training and qualification requirements. This range accommodates and facilitates the requirements of weapons qualification in such a manner that it maximizes efficiencies of time, terrain, and unit management. Tenant units and assigned sub-units will also be training on this range.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 67015
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	3,423	(59)
Covered Mess	m2 (SF)	74.32 (800)	79.94	(6)
Bleacher Enclosure	m2 (SF)	67.45 (726)	1,529	(103)
Range Ops & Control Area	FP	1 --	69,394	(69)
SDD and EPAct05	LS	--	--	(6)
Antiterrorism Measures	LS	--	--	(6)
Building Information Systems	LS	--	--	(94)
			Total	343

CURRENT SITUATION: The ranges used to train are spread across a wide area requiring units to support numerous ranges to accomplish weapons qualification. This situation leads to logistical complications for each unit. Existing ranges do not provide modernized targetry or scoring.

IMPACT IF NOT PROVIDED: If this project is not provided, existing ranges cannot adequately meet the qualification-training throughput of the assigned and transient organizations. These units will continue to train under circumstances that will negatively impact the degree of proficiency required for combat.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... JUN 2010
- (d) Date Design Complete..... DEC 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 67015
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Richardson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 78

(b) All Other Design Costs..... 222

(c) Total Design Cost..... 300

(d) Contract..... 225

(e) In-house..... 75

(4) Construction Contract Award..... APR 2011

(5) Construction Start..... JUL 2011

(6) Construction Completion..... JUL 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
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NA

Installation Engineer: Judith Hudson

Phone Number: (270)798-9700

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Rappelling Training Area		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 179	7. PROJECT NUMBER 67040	8. PROJECT COST (\$000) Auth 5,600 Approp 5,600		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,690
Fast Rope Sniper Rappel Tower		m2 (SF)	297.29 (3,200)	11,599	(3,448)
Range Operations Control Area		EA	1 --	180,598	(181)
Operations and Storage Building		m2 (SF)	74.32 (800)	1,741	(129)
Range Control Tower		m2 (SF)	26.94 (290)	4,480	(121)
Classroom Building		m2 (SF)	74.32 (800)	4,789	(356)
Total from Continuation page					(455)
<u>SUPPORTING FACILITIES</u>					373
Electric Service		LS	--	--	(141)
Site Imp(69) Demo()		LS	--	--	(69)
Information Systems		LS	--	--	(163)
ESTIMATED CONTRACT COST					5,063
CONTINGENCY (5.00%)					253
SUBTOTAL					5,316
SUPV, INSP & OVERHEAD (5.70%)					303
TOTAL REQUEST					5,619
TOTAL REQUEST (ROUNDED)					5,600
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a Special Operations Forces modified standard Fast Rope Sniper Rappel Tower. Primary facilities include the Rappel Tower, operations and storage building, classroom building, range operations center tower, latrine, after action review building, range operations and control area, ammunition breakdown building, and building information systems. Supporting facilities include electric service, site improvements, and information systems. Air Conditioning (Estimated 42 kW/12 Tons).					
11. REQ: 297 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a Special Operations Forces modified standard Fast Rope Sniper Rappel Tower at Fort Campbell, KY. (Current Mission)					
REQUIREMENT: This project is required to provide urban climbing and rappelling and all phases of fast-rope insertion/extraction training incorporating urban floor plans internal to the structure to provide realistic clearing of multi-story structures and facilitate elevated live-fire precision integrated shooting.					
CURRENT SITUATION: No training facility of this type currently exists at Fort Campbell. Existing training facilities do not support multi-faceted requirements of urban combat climbing, rappelling, and fast-rope insertion for realistic clearing of multi-story structures under battlefield stress					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Rappelling Training Area	5. PROJECT NUMBER 67040
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
After Action Review Building	m2 (SF)	98.85 (1,064)	2,502	(247)
Latrine	m2 (SF)	18.58 (200)	6,620	(123)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	3,605	(62)
SDD and EPAct05	LS	--	--	(13)
Building Information Systems	LS	--	--	(10)
			Total	455

CURRENT SITUATION: (CONTINUED)

conditions. The requirement for fast-rope training involves aviation safety features not available with traditional existing training facilities involving urban environments.

IMPACT IF NOT PROVIDED: If this project is not provided, the Special Operations Soldiers that rely on Fort Campbell for training will not be able to fully exercise combat procedures. The Soldiers and units will not receive complete exposure to training standards, representing an adverse impact to sustained combat proficiency.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2010..... 5.00
- (c) Date 35% Designed..... JUN 2010
- (d) Date Design Complete..... DEC 2010
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Rappelling Training Area	5. PROJECT NUMBER 67040
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	245
(b) All Other Design Costs.....	196
(c) Total Design Cost.....	441
(d) Contract.....	245
(e) In-house.....	196

(4) Construction Contract Award..... MAR 2011

(5) Construction Start..... JUL 2011

(6) Construction Completion..... JUL 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Judith Hudson
Phone Number: (270)798-9700

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 71713	8. PROJECT COST (\$000) Auth 3,300 Approp 3,300		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,838
Urban Assault Course		FP	5 --	457,324	(2,287)
Range Operations and Control		EA	1 --	110,749	(111)
Range Operations & Storage		m2 (SF)	74.32 (800)	2,131	(158)
Latrine		m2 (SF)	18.58 (200)	8,190	(152)
Ammunition Breakdown Building		m2 (SF)	17.19 (185)	4,282	(74)
Total from Continuation page					(56)
<u>SUPPORTING FACILITIES</u>					142
Electric Service		LS	--	--	(42)
Information Systems		LS	--	--	(100)
ESTIMATED CONTRACT COST					2,980
CONTINGENCY (5.00%)					149
SUBTOTAL					3,129
SUPV, INSP & OVERHEAD (5.70%)					178
TOTAL REQUEST					3,307
TOTAL REQUEST (ROUNDED)					3,300
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities include the Urban Assault Course, operations and storage building, latrine, ammunition breakdown building, range operations and control area, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct 05) will be provided. Supporting facilities include electric service and information systems. Antiterrorism/force protection measures are included. Air Conditioning (Estimated 7 kW/2 Tons).					
11. REQ: 10 FP ADQT: 5 FP SUBSTD: NONE					
PROJECT: Construct a standard design Urban Assault Course Range at Fort Campbell, KY. (Current Mission)					
REQUIREMENT: The ranges used to train weapons are spread across a wide area requiring units to support numerous ranges to accomplish weapons qualification. This situation leads to logistical complications for each unit. The unit density at Fort Campbell requires an additional Urban Assault Course to support the training needs of combat units.					
CURRENT SITUATION: The current Urban Assault Course does not support the throughput requirement of units assigned to train at Fort Campbell. Based on the current demand for units trained in Urban Operations Tasks this UAC					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 71713
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(3)
Antiterrorism Measures	LS	--	--	(3)
Building Information Systems	LS	--	--	(50)
			Total	56

CURRENT SITUATION: (CONTINUED)

project is required. Several non-standard wooden structures have been emplaced around the installations to try and accomplish all the training events requested by units. Additionally, units are constructing wooden structures in several training areas in an effort to meet the training requirements that a UAC would support. This situation leads to logistical and training challenges for each unit. Additionally, existing ranges do not provide modernized targetry or scoring.

IMPACT IF NOT PROVIDED: If this project is not provided, units will continue to have a significant training and logistical burden to accomplish their tasks within a compressed Intensive Training Period. Existing ranges cannot adequately meet the qualification-training throughput of the assigned and transient organizations. These units will continue to train under circumstances that will negatively impact the degree of proficiency required for combat.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAR 2010
- (b) Percent Complete As Of January 2010..... .00
- (c) Date 35% Designed..... AUG 2010
- (d) Date Design Complete..... JAN 2011
- (e) Parametric Cost Estimating Used to Develop Costs NO

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE Urban Assault Course	5.PROJECT NUMBER 71713
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-----|
| (a) Production of Plans and Specifications..... | 132 |
| (b) All Other Design Costs..... | 105 |
| (c) Total Design Cost..... | 237 |
| (d) Contract..... | 132 |
| (e) In-house..... | 105 |
- (4) Construction Contract Award..... MAY 2011
- (5) Construction Start..... AUG 2011
- (6) Construction Completion..... AUG 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>
NA			

Installation Engineer: Judith Hudson
Phone Number: 270-798-9700

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Knox Kentucky	4. COMMAND US Army Installation Management Command		5. AREA CONSTRUCTION COST INDEX 1.06
6. PERSONNEL STRENGTH:			
	PERMANENT	STUDENTS	SUPPORTED
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL TOTAL
A. AS OF 03 NOV 2009	1506 6368 3410	431 8617 0	284 1621 5548 27,785
B. END FY 2015	1972 7165 5074	37 451 589	188 922 5438 21,836
7. INVENTORY DATA (\$000)			
A. TOTAL AREA.....	44,156 ha	(109,111 AC)	
B. INVENTORY TOTAL AS OF 31 DEC 2008.....			4,872,258
C. AUTHORIZATION NOT YET IN INVENTORY.....			303,830
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....			18,800
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....			2,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....			20,300
G. REMAINING DEFICIENCY.....			282,763
H. GRAND TOTAL.....			5,500,451
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:			
CATEGORY PROJECT		COST	DESIGN STATUS
CODE NUMBER PROJECT TITLE		(\$000)	START COMPLETE
179 58675 Mout Collective Training Facility		12,800	03/2010 02/2011
851 70261 Access Corridor Improvements		6,000	08/2009 10/2010
	TOTAL	18,800	
9. FUTURE PROJECT APPROPRIATIONS:			
CATEGORY		COST	
CODE PROJECT TITLE		(\$000)	
A. INCLUDED IN THE FY 2012 PROGRAM:			
178 Automated Infantry Platoon Battle Course		2,500	
	TOTAL	2,500	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):			
860 Rail Head Upgrade		14,000	
141 Container Handling Center		6,300	
	TOTAL	20,300	
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A	
10. MISSION OR MAJOR FUNCTIONS:			
Fort Knox houses the following: Headquarters Fort Knox, USA Armor School, USAARMC Headquarters Commandant/Commander of Troops, 1st Armor Training Brigade, HQ USA Recruiting Command, USA Accessions Support Bde, 16th Cavalry Regiment, Unit of Action Maneuver Battle Lab, Fort Knox MEDDAC, Fort Knox DENTAC, 46th AG Battalion(Reception), US Army Research Institute, USA Test & Evaluation Command, U.S. Army Second ROTC Region, U.S. Army ROTC Cadet Command, Logistical Assistance and Protection of Gold Depository, Det 5, USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance			

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Knox, Kentucky

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)

Office - Fort Knox, Fort Knox District, Third Region, USACIDC, U.S. Army TMDE Support Operation, Summer Training, Reserve and National Guard Training Support, Support of Civilian Components.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Knox Kentucky				4.PROJECT TITLE Mout Collective Training Facility		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 179	7.PROJECT NUMBER 58675		8.PROJECT COST (\$000) Auth 12,800 Approp 12,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,406
MOUT Collective Trng Facility		EA	1 --		10832028	(10,832)
Range Operations Center		m2 (SF)	185.81 (2,000)		2,651	(493)
SDD and EPAct05		LS	--		--	(10)
Antiterrorism Measures		LS	--		--	(10)
Building Information Systems		LS	--		--	(61)
<u>SUPPORTING FACILITIES</u>						187
Electric Service		LS	--		--	(20)
Site Imp(19) Demo()		LS	--		--	(19)
Information Systems		LS	--		--	(148)
ESTIMATED CONTRACT COST						11,593
CONTINGENCY (5.00%)						580
SUBTOTAL						12,173
SUPV, INSP & OVERHEAD (5.70%)						694
TOTAL REQUEST						12,867
TOTAL REQUEST (ROUNDED)						12,800
INSTALLED EQT-OTHER APPROP						(1,819)
10.Description of Proposed Construction Expand existing Military Operations in Urban Terrain (MOUT) training facility. Primary facilities include the MOUT training facility, range operations center, and building information systems. Antiterrorism protection measures are included. Sustainable Design and Deveopment (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, site improvements, and information systems. Air Conditioning (Estimated 18 kWr/5 Tons).						
11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA						
PROJECT: Expand existing MOUT facility at Fort Knox, KY. (Current Mission)						
REQUIREMENT: This project is required to provide facilities for training of Active Army, Reserve and National Guard units in tactics and techniques required for urban warfare under simulated combat conditions. The requirement for this type of training has increased significantly due to the nature of many of the recent intervention and peace keeping missions assigned to the Army. Soldiers assigned to Fort Knox must be well-trained in the tactics and techniques of urban warfare in order to ensure success and survivability.						
CURRENT SITUATION: Current facilities at Fort Knox do not allow units to train to standards. The current ranges do not support the throughput requirements of combined training, weapons capabilities, technology, doctrine						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

4. PROJECT TITLE Mout Collective Training Facility	5. PROJECT NUMBER 58675
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CURRENT SITUATION: (CONTINUED)

and training strategy.

IMPACT IF NOT PROVIDED: Soldiers and units that train at Fort Knox will not be able to obtain and maintain proficiency training for platoon tactics, techniques, and procedures. Units will not train to standard, and the gap between equipment fielding and training will widen. An upgrade of current facilities is required to align the range to current standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAR 2010
 - (b) Percent Complete As Of January 2010..... .00
 - (c) Date 35% Designed..... AUG 2010
 - (d) Date Design Complete..... FEB 2011
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 586
 - (b) All Other Design Costs..... 469
 - (c) Total Design Cost..... 1,055
 - (d) Contract..... 586
 - (e) In-house..... 469

- (4) Construction Contract Award..... JUN 2011

- (5) Construction Start..... AUG 2011

- (6) Construction Completion..... AUG 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

4. PROJECT TITLE Mout Collective Training Facility	5. PROJECT NUMBER 58675
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Inf Urban Targetry	OPA	2012	1,737
Info Sys - ISC	OPA	2012	82
		TOTAL	<u>1,819</u>

Installation Engineer: Joseph T. Hutchins, Jr.
Phone Number: 502.624.2151

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Knox Kentucky				4. PROJECT TITLE Access Corridor Improvements		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 851	7. PROJECT NUMBER 70261	8. PROJECT COST (\$000) Auth 6,000 Approp 6,000		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,555
Road Expansion w/Curbs & Gutter Pavement		m2 (SY)	9,208 (11,013)		250.67	(2,308)
Storm Drainage/Erosion Control		m (LF)	2,134 (7,000)		341.83	(729)
Pavement Demolition & Re-Paving		m2 (SY)	25,847 (30,913)		41.49	(1,072)
Lighting & Traffic Control		m (LF)	2,134 (7,000)		190.75	(407)
<u>SUPPORTING FACILITIES</u>						810
Electric Service		LS	--		--	(802)
Water, Sewer, Gas		LS	--		--	(8)
ESTIMATED CONTRACT COST						5,365
CONTINGENCY (5.00%)						268
SUBTOTAL						5,633
SUPV, INSP & OVERHEAD (5.70%)						321
TOTAL REQUEST						5,954
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Widen and improve portions of the main east access corridor to four traffic lanes. Work includes widening existing road to four lanes, modifying intersecting roads to accommodate road alignment and changing grade, improving drainage, upgrading lighting and traffic controls, moving utility lines, installing curb and gutters and reflective pavement markings. Supporting facilities include installation and relocation of utility conduit and distribution lines.						
11. REQ: 20,439 m2 ADQT: NONE SUBSTD: 20,439 m2						
PROJECT: Widen and improve main access corridor roadway improvements at Fort Knox, KY. (Current Mission)						
REQUIREMENT: This project is required to provide increased traffic volume capacity and safety for large increases in traffic in the Wilson Road area. Wilson Road is the main commuter route from the adjacent civilian community providing access to the installation from the south. This route feeds multiple routes that serve the rest of the cantonment area. An earlier project, (Project Number 66549, FY 2008) included improvements from the entry of Wilson Road onto the installation, and continuing through the vicinity of the Dixie and 11th Street intersections. This project includes improvements to the intersection of Wilson Road. This entire area is developing and expanding as a						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Knox, Kentucky		
4. PROJECT TITLE Access Corridor Improvements	5. PROJECT NUMBER 70261	

REQUIREMENT: (CONTINUED)

result of newly assigned missions. With these major operational transitions, Fort Knox is shifting from a largely trainee population with few personal vehicles to a more permanent party and civilian employee population whose primary mode of transportation is personal vehicles. These multiple stationing actions will dramatically change the demographics of the post population and greatly increase the daily volume of traffic.

CURRENT SITUATION: Currently, the Wilson Road access corridor is a largely two-lane road plagued by drainage issues. This roadway is incapable of safely and effectively handling the increased traffic impacts associated with new development and changing demographics in this area. An earlier project for the Wilson Road corridor will resolve issues for approximately two thirds of the existing route. The remaining portion of this corridor, associated intersections, drainage, traffic control measures and utility issues will be resolved upon completion of this project.

IMPACT IF NOT PROVIDED: If this project is not provided, the increased traffic converging on the remaining stretch of the Wilson Road corridor will prevent the efficient movement of traffic, create a bottle neck situation, and cause major delays. Inability to travel through the developing areas along this corridor will severely limit the operational effectiveness of the respective missions and hamper their ability to attract and retain qualified employees.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

4. PROJECT TITLE Access Corridor Improvements	5. PROJECT NUMBER 70261
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 301
 - (b) All Other Design Costs..... 240
 - (c) Total Design Cost..... 541
 - (d) Contract..... 301
 - (e) In-house..... 240
- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: Joseph T. Hutchins, Jr.
Phone Number: 502-624-2151

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Louisiana	Fort Polk (IMCOM)				259
55799	Heavy Sniper Range	4,250	4,250	C	261
60130	Barracks	29,000	29,000	C	264
66194	Land Acquisition	6,000	6,000	C	267
72676	Land Acquisition	24,000	24,000	C	270
		-----	-----		
	Subtotal Fort Polk Part I	\$ 63,250	63,250		
	* TOTAL MCA FOR Louisiana	\$ 63,250	63,250		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Polk Louisiana		4. COMMAND US Army Installation Management Command	5. AREA CONSTRUCTION COST INDEX 0.92
6. PERSONNEL STRENGTH:			
	PERMANENT	STUDENTS	SUPPORTED
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL TOTAL
A. AS OF 03 NOV 2009	1226 7956 1475	0 53 0	1803 3378 4228 20,119
B. END FY 2015	1288 7830 1581	0 60 0	1854 3524 4176 20,313
7. INVENTORY DATA (\$000)			
A. TOTAL AREA.....	80,522 ha	(198,973 AC)	
B. INVENTORY TOTAL AS OF 31 DEC 2008.....			3,893,252
C. AUTHORIZATION NOT YET IN INVENTORY.....			390,611
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....			63,250
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....			75,600
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....			0
G. REMAINING DEFICIENCY.....			699,464
H. GRAND TOTAL.....			5,122,177
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:			
CATEGORY PROJECT		COST	DESIGN STATUS
CODE NUMBER PROJECT TITLE		(\$000)	START COMPLETE
178 55799 Heavy Sniper Range		4,250	09/2008 10/2010
721 60130 Barracks		29,000	09/2008 05/2011
911 66194 Land Acquisition		6,000	03/2009 10/2010
911 72676 Land Acquisition		24,000	03/2009 10/2010
	TOTAL	63,250	
9. FUTURE PROJECT APPROPRIATIONS:			
CATEGORY		COST	
CODE PROJECT TITLE		(\$000)	
A. INCLUDED IN THE FY 2012 PROGRAM:			
731 Fire & Emergency Services Center		5,200	
141 BCT Complex, Ph 2		19,000	
178 Multipurpose Machine Gun Range (MPMG)		3,000	
141 1 MI BN (BFSB)		42,000	
178 Infantry Platoon Battle Course		6,400	
	TOTAL	75,600	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A			

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Polk, Louisiana

10. MISSION OR MAJOR FUNCTIONS:

The US Army Garrison, Fort Polk will enhance readiness and provide infrastructure and facilities in order to directly support the Senior Mission Commander and facilitate the accomplishment of his mission (as well as the missions assigned to all supporting and supported tenant activities). The Garrison will promote well-being in order to enhance morale and quality of life for the extended community that Fort Polk serves.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Polk Louisiana				4.PROJECT TITLE Heavy Sniper Range		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 178	7.PROJECT NUMBER 55799		8.PROJECT COST (\$000) Auth 4,250 Approp 4,250	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,429
Heavy Sniper Range		FP	1 --		2530925	(2,531)
Control Tower		m2 (SF)	26.94 (290)		4,072	(110)
Range Operations & Storage Bldg		m2 (SF)	74.32 (800)		1,583	(118)
Classroom Building		m2 (SF)	74.32 (800)		2,097	(156)
Latrine		m2 (SF)	18.58 (200)		6,084	(113)
Total from Continuation page						(401)
<u>SUPPORTING FACILITIES</u>						417
Electric Service		LS	--		--	(271)
Paving, Walks, Curbs & Gutters		LS	--		--	(48)
Storm Drainage		LS	--		--	(21)
Site Imp(21) Demo()		LS	--		--	(21)
Information Systems		LS	--		--	(56)
ESTIMATED CONTRACT COST						3,846
CONTINGENCY (5.00%)						192
SUBTOTAL						4,038
SUPV, INSP & OVERHEAD (5.70%)						230
TOTAL REQUEST						4,268
TOTAL REQUEST (ROUNDED)						4,250
INSTALLED EQT-OTHER APPROP						(1,114)
10.Description of Proposed Construction Construct a standard design Heavy Sniper Range. Primary facilities include the sniper range, classroom building, ammunition breakdown building, bleacher enclosure, range operations control tower, range operations and storage building, latrine, covered mess, range operations and control area, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, paving, storm drainage, site improvements and information systems. Antiterrorism protection measures are included. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		1 FP	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a standard design Heavy Sniper Range Range at Fort Polk, LA. (Current Mission)						
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of the heavy sniper rifle. Combat and combat support units require training proficiency in heavy sniper weapon systems. Army standard ranges with target systems affording doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

4. PROJECT TITLE Heavy Sniper Range	5. PROJECT NUMBER 55799
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Mess	m2 (SF)	74.32 (800)	811.19	(60)
Ammo Breakdown Building	m2 (SF)	17.19 (185)	3,180	(55)
Bleacher Enclosure	m2 (SF)	67.45 (726)	1,337	(90)
Range Operations & Control Area	LS	--	--	(149)
SDD and EPAct05	LS	--	--	(8)
Antiterrorism Measures	LS	--	--	(8)
Building Information Systems	LS	--	--	(31)
Total				401

CURRENT SITUATION: Currently Fort Polk does not have a suitable training area that meets the requirements needed for heavy sniper gunnery. The mission of combat readiness is hindered due to lack of adequate training areas. Existing ranges do not support the current doctrine and targetry systems.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers of Fort Polk, Reserve and National Guard units, and other authorized users that train at Fort Polk will not be able to obtain and maintain efficiency for live fire training for heavy sniper engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 60.00
- (c) Date 35% Designed..... SEP 2009

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

4. PROJECT TITLE Heavy Sniper Range	5. PROJECT NUMBER 55799
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 209
- (b) All Other Design Costs..... 168
- (c) Total Design Cost..... 377
- (d) Contract..... 209
- (e) In-house..... 168

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Target System	OPA	2011	1,109
Info Sys - ISC	OPA	2012	5
		TOTAL	<u>1,114</u>

Installation Engineer: Scott Goins
Phone Number: 337-531-4168

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Polk Louisiana			4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 60130	8. PROJECT COST (\$000) Auth 29,000 Approp 29,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					20,708
Barracks	m2 (SF)	9,181 (98,820)		2,061	(18,924)
EMCS Connection	LS	--		--	(112)
SDD and EPAct05	LS	--		--	(377)
Antiterrorism Measures	LS	--		--	(450)
Building Information Systems	LS	--		--	(845)
<u>SUPPORTING FACILITIES</u>					4,040
Electric Service	LS	--		--	(569)
Water, Sewer, Gas	LS	--		--	(442)
Paving, Walks, Curbs & Gutters	LS	--		--	(806)
Storm Drainage	LS	--		--	(118)
Site Imp(1,726) Demo()	LS	--		--	(1,726)
Information Systems	LS	--		--	(304)
Antiterrorism Measures	LS	--		--	(75)
ESTIMATED CONTRACT COST					24,748
CONTINGENCY (5.00%)					<u>1,237</u>
SUBTOTAL					25,985
SUPV, INSP & OVERHEAD (5.70%)					1,481
DESIGN/BUILD - DESIGN COST					<u>1,039</u>
TOTAL REQUEST					28,505
TOTAL REQUEST (ROUNDED)					29,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct standard design barracks. Provide connection to Energy Monitoring and Control Systems (EMCS) and building information systems. Antiterrorism/force protection (AT/FP) will be provided as required. Supporting facilities include; site utilities, security lighting; fire protection and alarm systems; paving, walks, storm drainage, curbs and gutters; parking; recreational area; information systems, and site improvements. Heating and air conditioning will provide a climate controlled environment to reduce potential for mold growth. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Air Conditioning (Estimated 1,407 kW/400 Tons).					
11. REQ:	3,025 PN	ADQT:	2,516 PN	SUBSTD:	184 PN
PROJECT: Construct a standard-design barracks at Fort Polk, LA. (Current Mission)					
REQUIREMENT: This project is required to provide adequate housing for Unaccompanied Enlisted Personnel. The maximum utilization is 270 Soldiers. Intended utilization is 186 Junior Enlisted and 42 Sergants.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Polk, Louisiana		
4. PROJECT TITLE Barracks	5. PROJECT NUMBER 60130	
<p><u>CURRENT SITUATION:</u> Existing barracks do not meet current standards, have inadequate heating, ventilation and air conditioning, and poor site drainage. These conditions result in poor air quality to occupants promoting mildew growth and threatens Soldiers' health. Storm water collects in building crawl spaces promoting mildew and unsatisfactory health and safety conditions. Many mechanical components are failing and in need of replacement. Soldiers are now permitted greater living area, bulk storage space, and limited food preparation capabilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided Soldiers will continue to be housed in inadequate quarters negatively impacting their quality of life.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$22M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Polk, LA. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 239 personnel at this installation.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2011</u></p> <p>(d) Date Design Complete..... <u>MAY 2011</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Campbell</p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE Barracks	5.PROJECT NUMBER 60130
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>703</u>
(b) All Other Design Costs.....	<u>422</u>
(c) Total Design Cost.....	<u>1,125</u>
(d) Contract.....	<u>703</u>
(e) In-house.....	<u>422</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>MAR 2013</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Scott Goins
Phone Number: 337-531-4168

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Polk Louisiana				4. PROJECT TITLE Land Acquisition		
5. PROGRAM ELEMENT 78018A		6. CATEGORY CODE 911	7. PROJECT NUMBER 66194		8. PROJECT COST (\$000) Auth 6,000 Approp 6,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Land Acquisition		ha (AC)	859.96 (2,125)		6,981	6,003 (6,003)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						6,003
CONTINGENCY (.00 %)						0
SUBTOTAL						6,003
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						6,003
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Acquire fee title ownership of additional training lands contiguous to current Army owned land. There are multiple contiguous geographic areas that support the training land shortages. Acreage to be acquired may result in existing real property relocation, disposal or decommissioning.						
11. REQ: 250,000 ha ADQT: 14,794 ha SUBSTD: 25,677 ha PROJECT: Acquire fee title ownership of contiguous training land acreage at Fort Polk, Louisiana. (Current Mission) REQUIREMENT: Adequate land is needed to support training requirements. Additional land is essential to maintain the Joint Readiness Training Center and Fort Polk's relevance to the Army's training mission in support of Army transformation and overseas contingency operations. Fort Polk has a critical training land shortfall based on training requirements for JRTC and home-station units. Additional land is important to the capability to provide realistic distances for reconnaissance and other combat systems and sufficient space for maneuver training, while maintaining necessary buffers. CURRENT SITUATION: Fort Polk has a critical training land shortfall based on training requirements for JRTC and home-station units. The need is not being met since stationing actions add new units to the installation.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER 66194
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IMPACT IF NOT PROVIDED: If this project is not provided there will not be enough available training space to meet the Army's projected training needs on space currently leased/owned by the Army. There is a critical need to provide realistic training in combat and other operational environments. More space is necessary to adequately train our Soldiers and fully prepare them to meet present challenges and be combat-ready. Overuse of some training areas creates unnecessary environmental degradation, to include increased erosion, water quality degradation, increased dust pollution, wildlife migration, and decreased ability to rehabilitate or reclaim training lands due to heavy training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAR 2009
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Other
Pure Land acquisition

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 150
 - (b) All Other Design Costs..... 90
 - (c) Total Design Cost..... 240
 - (d) Contract..... 150
 - (e) In-house..... 90

- (4) Construction Contract Award..... DEC 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER 66194
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: Brian Ondrick
Phone Number: 703-692-6409

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Polk Louisiana			4. PROJECT TITLE Land Acquisition		
5. PROGRAM ELEMENT 78018A	6. CATEGORY CODE 911	7. PROJECT NUMBER 72676	8. PROJECT COST (\$000) Auth 24,000 Approp 24,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					24,005
Land Acquisition		ha (AC)	3,227 (7,975)	7,438	(24,005)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					24,005
CONTINGENCY (.00 %)					0
SUBTOTAL					24,005
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					24,005
TOTAL REQUEST (ROUNDED)					24,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Acquire fee title ownership of additional training lands contiguous to current Army owned land. There are multiple contiguous geographic areas that support the training land shortages. Acreage to be acquired may result in existing real property relocation, disposal or decommissioning.					
11. REQ: 250,000 ha ADQT: 14,795 ha SUBSTD: 25,677 ha PROJECT: Acquire fee title ownership of contiguous training land acreage at Fort Polk, Louisiana. (Current Mission) REQUIREMENT: Adequate land is needed to support training requirements. Additional land is essential to maintain the Joint Readiness Training Center and Fort Polk's relevance to the Army's training mission in support of Army transformation and overseas contingency operations. Fort Polk has a critical training land shortfall based on training requirements for JRTC and home-station units. Additional land is important to the capability to provide realistic distances for reconnaissance and other combat systems and sufficient space for maneuver training, while maintaining necessary buffers. CURRENT SITUATION: Fort Polk has a critical training land shortfall based on training requirements for JRTC and home-station units. The need is not being met since stationing actions add new units to the installation.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER 72676
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IMPACT IF NOT PROVIDED: If this project is not provided there will not be enough available training space to meet the Army's projected training needs on space currently leased/owned by the Army. There is a critical need to provide realistic training in combat and other operational environments. More space is necessary to adequately train our Soldiers and fully prepare them to meet present challenges and be combat-ready. Overuse of some training areas creates unnecessary environmental degradation, to include increased erosion, water quality degradation, increased dust pollution, wildlife migration, and decreased ability to rehabilitate or reclaim training lands due to heavy training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JUL 2009

(b) Percent Complete As Of January 2010..... 35.00

(c) Date 35% Designed..... JAN 2010

(d) Date Design Complete..... OCT 2010

(e) Parametric Cost Estimating Used to Develop Costs NO

(f) Type of Design Contract: Other
Pure land acquisition

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 480

(b) All Other Design Costs..... _____

(c) Total Design Cost..... 480

(d) Contract..... _____

(e) In-house..... 480

(4) Construction Contract Award..... JAN 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Polk, Louisiana

4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER 72676
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: Brian Ondrick
Phone Number: 703-692-6409

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST		
-----	-----	-----	-----		
Maryland	Aberdeen Proving Ground (IMCOM)				275
66918	Auto Tech Evaluate Facility Ph 2	14,600	14,600	C	277
	Subtotal Aberdeen Proving Ground Part I	\$ 14,600	14,600		
	Fort Meade (IMCOM)				281
57595	Wideband SATCOM Operations Center	25,000	25,000	C	283
65793	Indoor Firing Range	7,600	7,600	N	286
	Subtotal Fort Meade Part I	\$ 32,600	32,600		
	* TOTAL MCA FOR Maryland	\$ 47,200	47,200		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 27 JAN 2010							
3. INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland		4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 0.94						
6. PERSONNEL STRENGTH:										
PERMANENT STUDENTS SUPPORTED										
OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL										
A. AS OF 03 NOV 2009	688	1800	7057	214	2644	3	89	288	5763	18,546
B. END FY 2015	868	1342	11616	5	4	2	83	185	7385	21,490
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....		29,302 ha		(72,406 AC)						
B. INVENTORY TOTAL AS OF 31 DEC 2008.....										4,080,545
C. AUTHORIZATION NOT YET IN INVENTORY.....										112,992
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....										14,600
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....										11,600
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										0
G. REMAINING DEFICIENCY.....										165,492
H. GRAND TOTAL.....										4,385,229
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:										
CATEGORY PROJECT						COST		DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE	
390	66918	Auto Tech Evaluate Facility Ph 2				14,600		08/2009	10/2010	
						TOTAL		14,600		
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE						(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:										
390	Auto Technology Evaluation Fac, Ph 3						11,600			
						TOTAL		11,600		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A										
10. MISSION OR MAJOR FUNCTIONS:										
<p>The Aberdeen Area of Aberdeen Proving Ground serves as the location of the installation headquarters. The focus of major missions undertaken at the installation include basic research, testing and evaluation of ordnance and equipment, and the training of military personnel in supply and maintenance of ordnance and equipment. The Edgewood Area of Aberdeen Proving Ground provides research and development in the chemical, biological, and radiological areas.</p>										

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Aberdeen Proving Ground, Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland				4.PROJECT TITLE Auto Tech Evaluate Facility Ph 2		
5.PROGRAM ELEMENT 72896A		6.CATEGORY CODE 390	7.PROJECT NUMBER 66918		8.PROJECT COST (\$000) Auth 14,600 Approp 14,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,009
Test Track		m2 (SY)	60,201 (72,000)		155.51	(9,362)
Overrun Area		m2 (SY)	142,699 (170,667)		11.53	(1,646)
Building Information Systems		LS	--		--	(1)
<u>SUPPORTING FACILITIES</u>						2,227
Electric Service		LS	--		--	(224)
Water, Sewer, Gas		LS	--		--	(79)
Paving, Walks, Curbs & Gutters		LS	--		--	(10)
Storm Drainage		LS	--		--	(1,637)
Site Imp(267) Demo()		LS	--		--	(267)
Information Systems		LS	--		--	(10)
ESTIMATED CONTRACT COST						13,236
CONTINGENCY (5.00%)						662
SUBTOTAL						13,898
SUPV, INSP & OVERHEAD (5.70%)						792
TOTAL REQUEST						14,690
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction This is phase 2 of a 3 phased project. Phase 1, PN 17569, was appropriated in FY08 for \$12.2M. Phase 3 will be requested in the future. Construct a sustained speed ground vehicle test facility consisting of a paved test track with stabilized safety run-off areas and a braking and maneuver test lane. Supporting facilities include storm drainage and information systems. Sediment and erosion control measures are provided.						
11. REQ: 7 EA ADQT: 6 EA SUBSTD: NONE						
PROJECT: Construct Phase 2 of an automotive vehicle test and evaluation facility (ATEF) at Aberdeen Proving Ground, MD. (Current Mission)						
REQUIREMENT: The Department of Defense (DoD) currently has no means of conducting sustained high speed testing of its current vehicle fleet on both paved and secondary road surfaces. This also includes future vehicles associated with Future Combat Systems (FCS) and Joint Light Tactical Vehicle (JLTV) programs. Phase 1 of the ATEF project enables sustained high speed testing for 80% of the DoD inventory on a secondary road surface. Phase 2 will enable testing of 100% of the DoD inventory on a paved surface. Troops deployed on missions to support overseas contingency operations are stressing combat equipment beyond its design capacities. The considerations of testing the effects of up-armor kits to protect our war fighters in theatre are						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Aberdeen Proving Ground, Maryland		
4. PROJECT TITLE Auto Tech Evaluate Facility Ph 2	5. PROJECT NUMBER 66918	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>immediate. FCS and Transformation requirements involve developing wheeled and tracked vehicles which are faster, more lethal, agile, and safer. Additionally, it provides for the complete and thorough engineering and operational testing and evaluation of functional characteristics of DoD land vehicles, artificial intelligence relating to land vehicles, their autonomous operation, and other related issues.</p> <p><u>CURRENT SITUATION:</u> Currently, the preponderance of ground vehicle testing is accomplished on courses that were constructed in the early 1940s. The requirement to test wheeled and tracked vehicles associated with Army Transformation, FCS, associated FCS "spin out" technology for current automotive platforms and the current war time operations at a sustained high speed cannot be met on existing courses. There are no known courses available on which to test current and modified heavy armored vehicles and transporters (both tracked and wheeled) at sustained high speed in this country. Further there are no adequate courses to test proposed vehicles in the Army's future autonomus vehicle programs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The current fleet of vehicles modified by up-armor kits is not being sufficiently tested at sustained high speeds due to facility inadequacies throughout DoD and the Army. This is an unacceptable detriment to our warfighters currently deployed in theatre and has potential, negative impact on future systems. This is compounded by the fact that DoD has no testing facilities in the United States to evaluate long term reliability in the context of present military combat operations. Additionally, if this project is not provided, the ground mobility testing requirements of FCS and JLTV will not be fully met. The long term effectiveness, reliability, durability, and operational safety of the vehicles being developed under these programs will not be adequately tested and evaluated. Equipping our fighting force of the future with lighter, more lethal, and more survivable ground vehicles requires that we have the proper facilities to test the equipment as it will be used in warfare. This includes the entire spectrum of manned, un-manned and robotic equipment. Ultimately, without ATEF, soldiers, sailors, airmen, and Marines will not be provided with the absolutely safe and reliable ground vehicles they need to fulfill their missions.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance</p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE Auto Tech Evaluate Facility Ph 2	5.PROJECT NUMBER 66918
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ADDITIONAL: (CONTINUED)
with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2008(\$000)	Requested FY2011(\$000)	FYDP FY2012(\$000)
Authorization	\$12,200	\$14,600	\$11,600
Authorization of Appropriation	\$12,200	\$14,600	\$11,600
Appropriation	\$12,200	\$14,600	\$11,600

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... AUG 2009

(b) Percent Complete As Of January 2010..... 15.00

(c) Date 35% Designed..... MAY 2010

(d) Date Design Complete..... OCT 2010

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 721

(b) All Other Design Costs..... 577

(c) Total Design Cost..... 1,298

(d) Contract..... 721

(e) In-house..... 577

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4.PROJECT TITLE Auto Tech Evaluate Facility Ph 2	5.PROJECT NUMBER 66918
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: David W. Carter
Phone Number: 410-306-1108

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 27 JAN 2010				
3. INSTALLATION AND LOCATION Fort Meade Maryland			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.05				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1410	3997	3070	91	558	12	703	3990	22797	36,628
B. END FY 2015	1524	4502	3463	64	648	10	844	4176	27975	43,206
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....			2,065 ha			(5,102 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							2,590,781			
C. AUTHORIZATION NOT YET IN INVENTORY.....							217,554			
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							32,600			
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							76,000			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							441,728			
H. GRAND TOTAL.....							3,358,663			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
131	57595	Wideband SATCOM Operations Center				25,000	09/2008	09/2010		
171	65793	Indoor Firing Range				7,600	09/2008	09/2010		
						TOTAL	32,600			
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2012 PROGRAM:										
171	Defense Information School (DINFOS)				36,000					
141	Asymmetric Warfare Group Complex				40,000					
						TOTAL	76,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A										
10. MISSION OR MAJOR FUNCTIONS:										
Provide base operations support for facilities and infrastructure, quality of life and protective services in support of Department of Defense activities and Federal agencies.										

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Meade, Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Meade Maryland				4.PROJECT TITLE Wideband SATCOM Operations Center		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 131	7.PROJECT NUMBER 57595		8.PROJECT COST (\$000) Auth 25,000 Approp 25,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						17,931
Wideband SATCOM Ops Center		m2 (SF)	2,670 (28,744)		6,407	(17,110)
IDS Installation		LS	--		--	(50)
EMCS Connection		LS	--		--	(30)
SDD and EPAct05		LS	--		--	(342)
Antiterrorism Measures		LS	--		--	(261)
Building Information Systems		LS	--		--	(138)
SUPPORTING FACILITIES						5,037
Electric Service		LS	--		--	(1,985)
Water, Sewer, Gas		LS	--		--	(425)
Paving, Walks, Curbs & Gutters		LS	--		--	(658)
Site Imp(1,345) Demo(383)		LS	--		--	(1,728)
Information Systems		LS	--		--	(142)
Antiterrorism Measures		LS	--		--	(99)
ESTIMATED CONTRACT COST						22,968
CONTINGENCY (5.00%)						1,148
SUBTOTAL						24,116
SUPV, INSP & OVERHEAD (5.70%)						1,375
TOTAL REQUEST						25,491
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						(1,010)
10.Description of Proposed Construction Construct a Wideband Satellite Communications (SATCOM) Operations Center (WSOC) to replace the existing Defense Satellite Communications System (DSCS) Operations Center (DSCSOC). Project provides space for SATCOM operational control equipment for DoD Satellites including operations rooms, equipment rooms, a training and conference room, private offices, general administrative areas, storage and supply rooms, an equipment maintenance area, and personnel and security support areas. Supporting facilities include force protection, utilities, parking, fire protection and alarm systems, walks, and drainage. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Demolish 2 Buildings (TOTAL 2,531 m2/27,244 SF). Air Conditioning (Estimated 352 kWr/100 Tons).						
11. REQ:		2,670 m2	ADQT:		NONE	SUBSTD: 877 m2
PROJECT: Construct a SATCOM operational control facility at Fort Meade, MD. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Meade, Maryland

4. PROJECT TITLE Wideband SATCOM Operations Center	5. PROJECT NUMBER 57595
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REQUIREMENT: The WSOC facilities will support the Wideband Global Satellites. These satellites are being fielded as a replacement for the current DSCS satellites. During the next ten years, the Wideband satellites will be launched as the old DSCS satellites are removed from operational orbit. During that time, portions of both constellations will be in orbit (requiring control equipment for both systems to be simultaneously operational). The new WSOC facilities will be sized and designed with adequate computer room space and utilities to support both satellite constellations simultaneously.

CURRENT SITUATION: The mission is currently being operated by the Defense Satellite Communications System (DSCS) Operations Center (DSCSOC) at Fort Meade, MD. This facility is a twenty-five year old, pre-engineered metal building that has come to the end of its useful life. The facility is not large enough to support the current equipment while the new systems equipment is being installed and operated. The electrical infrastructure in the facility is incapable of supporting this new equipment and the building mechanical systems are in poor shape and showing signs of failure. This facility has been expanded four times since its original construction.

IMPACT IF NOT PROVIDED: If a new WSOC facility is not constructed at the Fort Meade SATCOM site, the operational unit will not be able to control all communications satellites assigned. The existing facility needs to be completely replaced to provide adequate space, electrical systems, and mechanical systems to support the existing and future equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... SEP 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Meade, Maryland

4.PROJECT TITLE Wideband SATCOM Operations Center	5.PROJECT NUMBER 57595
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	724
(b) All Other Design Costs.....	483
(c) Total Design Cost.....	1,207
(d) Contract.....	724
(e) In-house.....	483

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
UPS w/Batteries	OPA	2011	957
Info Sys - ISC	OPA	2012	53
		TOTAL	1,010

Installation Engineer: Robert Eastwood

Phone Number: 301-677-9141

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Meade Maryland			4. PROJECT TITLE Indoor Firing Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 171	7. PROJECT NUMBER 65793	8. PROJECT COST (\$000) Auth 7,600 Approp 7,600		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,867
Indoor Firing Range	m2 (SF)	2,137 (23,000)		2,626	(5,611)
EMCS Connections	LS	--		--	(2)
SDD and EPAct05	LS	--		--	(115)
Antiterrorism Measures	LS	--		--	(115)
Building Information Systems	LS	--		--	(24)
<u>SUPPORTING FACILITIES</u>					1,018
Electric Service	LS	--		--	(205)
Water, Sewer, Gas	LS	--		--	(49)
Paving, Walks, Curbs & Gutters	LS	--		--	(196)
Storm Drainage	LS	--		--	(110)
Site Imp(192) Demo(114)	LS	--		--	(306)
Information Systems	LS	--		--	(55)
Antiterrorism Measures	LS	--		--	(2)
Other	LS	--		--	(95)
ESTIMATED CONTRACT COST					6,885
CONTINGENCY (5.00%)					344
SUBTOTAL					7,229
SUPV, INSP & OVERHEAD (5.70%)					412
TOTAL REQUEST					7,641
TOTAL REQUEST (ROUNDED)					7,600
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Indoor Firing Range. Primary facilities include the indoor firing range, Energy Management Control System (EMCS) connections, and building information systems. Supporting facilities include electric service, natural gas, water, sanitary sewer, access road, parking, fencing and exterior lighting, site preparation and improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 2 Buildings (TOTAL 1,895 m2/20,400 SF). Air Conditioning (Estimated 141 kW/40 Tons).					
11. REQ: 2,436 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design indoor firing range at Fort Meade, MD. (New Mission)					
REQUIREMENT: This project is required to provide the Soldiers of the Army's Asymmetric Warfare Group (AWG) with realistic and challenging concurrent training in a secure all-weather weapons training facility supporting initial and sustainment live-fire. The indoor range supports calibration of night-vision-goggles (NVG) and weapons zero prior to deployments.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																										
3. INSTALLATION AND LOCATION Fort Meade, Maryland																												
4. PROJECT TITLE Indoor Firing Range	5. PROJECT NUMBER 65793																											
<p><u>CURRENT SITUATION:</u> No training facility of this type currently exists at Fort Meade. Existing training facilities do not support the multifaceted requirements of indoor range environments for realistic training. The requirement for indoor range training involves safety features not available with traditional training facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the AWG Soldiers that rely on Fort Meade for training will not be able to fully exercise small arms gunnery engagement procedures. The Soldiers and units will not receive complete exposure to training standards, resulting in an adverse impact to sustained combat proficiency.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>																												
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2008</td> </tr> <tr> <td>(b) Percent Complete As Of January 2010.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2010</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>SEP 2010</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <table border="0"> <tr> <td>(a) Standard or Definitive Design:</td> <td>YES</td> </tr> <tr> <td>(b) Where Most Recently Used:</td> <td>Fort Benning</td> </tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td>297</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>238</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>535</td> </tr> <tr> <td>(d) Contract.....</td> <td>297</td> </tr> <tr> <td>(e) In-house.....</td> <td>238</td> </tr> </table>			(a) Date Design Started.....	SEP 2008	(b) Percent Complete As Of January 2010.....	35.00	(c) Date 35% Designed.....	JAN 2010	(d) Date Design Complete.....	SEP 2010	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Design-bid-build		(a) Standard or Definitive Design:	YES	(b) Where Most Recently Used:	Fort Benning	(a) Production of Plans and Specifications.....	297	(b) All Other Design Costs.....	238	(c) Total Design Cost.....	535	(d) Contract.....	297	(e) In-house.....	238
(a) Date Design Started.....	SEP 2008																											
(b) Percent Complete As Of January 2010.....	35.00																											
(c) Date 35% Designed.....	JAN 2010																											
(d) Date Design Complete.....	SEP 2010																											
(e) Parametric Cost Estimating Used to Develop Costs	YES																											
(f) Type of Design Contract: Design-bid-build																												
(a) Standard or Definitive Design:	YES																											
(b) Where Most Recently Used:	Fort Benning																											
(a) Production of Plans and Specifications.....	297																											
(b) All Other Design Costs.....	238																											
(c) Total Design Cost.....	535																											
(d) Contract.....	297																											
(e) In-house.....	238																											

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Meade, Maryland

4. PROJECT TITLE Indoor Firing Range	5. PROJECT NUMBER 65793
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... APR 2011
- (6) Construction Completion..... APR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Robert Eastwood
Phone Number: (301) 677-9141

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Missouri	Fort Leonard Wood (IMCOM)				291
57194	Barracks	29,000	29,000	C	293
64520	Information Systems Facility	15,500	15,500	N	296
65009	General Instruction Building	7,000	7,000	C	300
68721	Transient Advanced Trainee Barracks, Ph 2	29,000	29,000	N	303
69267	Training Barracks	19,000	19,000	N	307
72055	Brigade Headquarters	12,200	12,200	N	310
	Subtotal Fort Leonard Wood Part I	\$ 111,700	111,700		
	* TOTAL MCA FOR Missouri	\$ 111,700	111,700		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.07	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	906	5616	2466	787	19284	42	74 2157 3846 35,178
B. END FY 2015	977	5710	2604	1014	17650	102	38 2035 3834 33,964
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	25,605 ha		(63,270 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							4,110,851
C. AUTHORIZATION NOT YET IN INVENTORY.....							801,029
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							111,700
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							97,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							1,769,100
H. GRAND TOTAL.....							6,890,180
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	57194	Barracks		29,000	09/2008	05/2011	
131	64520	Information Systems Facility		15,500	09/2008	10/2010	
171	65009	General Instruction Building		7,000	04/2008	10/2010	
721	68721	Transient Advanced Trainee Barracks, Ph 2		29,000	09/2008	05/2011	
721	69267	Training Barracks		19,000	08/2009	10/2010	
141	72055	Brigade Headquarters		12,200	09/2008	10/2010	
TOTAL				111,700			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. INCLUDED IN THE FY 2012 PROGRAM:							
214	5th En Bn, Maintenance Facility		18,000				
721	Trainee Barracks Complex 2, Ph 1		39,000				
141	Battalion Complex Phase 1		35,000				
214	Vehicle Maintenance Shop		5,500				
TOTAL				97,500			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Leonard Wood, Missouri

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Chemical School, US Army Military Police School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellited activities and units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4.PROJECT TITLE Barracks		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 57194		8.PROJECT COST (\$000) Auth 29,000 Approp 29,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						20,403
Barracks		m2 (SF)	8,229 (88,572)		2,334	(19,207)
EMCS Connection		LS	--		--	(104)
SDD and EPAct05		LS	--		--	(380)
Antiterrorism Measures		LS	--		--	(380)
Building Information Systems		LS	--		--	(332)
<u>SUPPORTING FACILITIES</u>						5,148
Electric Service		LS	--		--	(392)
Water, Sewer, Gas		LS	--		--	(863)
Paving, Walks, Curbs & Gutters		LS	--		--	(961)
Storm Drainage		LS	--		--	(442)
Site Imp(1,097) Demo(1,021)		LS	--		--	(2,118)
Information Systems		LS	--		--	(333)
Antiterrorism Measures		LS	--		--	(39)
ESTIMATED CONTRACT COST						25,551
CONTINGENCY (5.00%)						1,278
SUBTOTAL						26,829
SUPV, INSP & OVERHEAD (5.70%)						1,529
DESIGN/BUILD - DESIGN COST						1,073
TOTAL REQUEST						29,431
TOTAL REQUEST (ROUNDED)						29,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design 242-person unaccompanied enlisted personnel barracks. Supporting facilities include utilities, electric service, security lights, fire protection, paving, walks, curb and gutter, storm drainage, information systems, connection to energy monitoring and control system (EMCS), signage and site improvements. Heating and air conditioning will be provided by self-contained systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 14 Buildings (TOTAL 6,460 m2/69,536 SF). Air Conditioning (Estimated 521 kWr/148 Tons).						
11. REQ:		1,363 PN	ADQT:		652 PN	SUBSTD: 1,198 PN
PROJECT: Construct a standard design barracks at Fort Leonard Wood, MO. (Current Mission)						
REQUIREMENT: This project is required to provide permanent party housing for enlisted personnel at Fort Leonard Wood. The maximum barracks utilization is 242 Soldiers. Intended utilization is 166 Junior Enlisted and 38 Sergeants.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 57194
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CURRENT SITUATION: Existing permanent party housing, constructed in the 1960's, is obsolete. These units lack many modern amenities and do not meet current standards for energy conservation, size, habitability and safety. These on-post housing units are determined to be unsuitable for renovation and conversion.

IMPACT IF NOT PROVIDED: If this project is not provided, unaccompanied service members will continue to reside in inadequate housing that does not provide an acceptable quality of life and the buildings will continue to deteriorate. This adversely affects the health, safety and morale of these enlisted personnel.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$22.5 M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Leonard Wood, Mo. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 469 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... FEB 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Campbell

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Leonard Wood, Missouri

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 57194
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	823
(b) All Other Design Costs.....	548
(c) Total Design Cost.....	1,371
(d) Contract.....	823
(e) In-house.....	548
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4.PROJECT TITLE Information Systems Facility		
5.PROGRAM ELEMENT 85796A	6.CATEGORY CODE 131	7.PROJECT NUMBER 64520	8.PROJECT COST (\$000) Auth 15,500 Approp 15,500		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					11,596
Information Systems Facility	m2 (SF)	3,382 (36,400)		2,992	(10,119)
Generator Building	m2 (SF)	83.61 (900)		2,006	(168)
Special Foundations	LS	--		--	(54)
IDS Installation	LS	--		--	(17)
EMCS Connection	LS	--		--	(30)
Total from Continuation page					(1,208)
<u>SUPPORTING FACILITIES</u>					2,558
Electric Service	LS	--		--	(663)
Water, Sewer, Gas	LS	--		--	(93)
Paving, Walks, Curbs & Gutters	LS	--		--	(417)
Storm Drainage	LS	--		--	(23)
Site Imp(730) Demo()	LS	--		--	(730)
Information Systems	LS	--		--	(590)
Antiterrorism Measures	LS	--		--	(42)
ESTIMATED CONTRACT COST					14,154
CONTINGENCY (5.00%)					708
SUBTOTAL					14,862
SUPV, INSP & OVERHEAD (5.70%)					847
TOTAL REQUEST					15,709
TOTAL REQUEST (ROUNDED)					15,500
INSTALLED EQT-OTHER APPROP					(9,956)
10.Description of Proposed Construction Construct a dial central office and directorate of information management (DOIM) facility. Primary facilities include the information system facility, a generator building, special foundations, connection to the installation's Energy Management Control System (EMCS) and installation of Intrusion Detection Systems (IDS). Anti-terrorism/force protection (AT/FP) measures include blast resistant windows and doors, architectural reinforcement, mass notification system, HVAC controls, conduit for security systems, and general structural reinforcements. Supporting facilities include: site utilities; lift stations; electric service to include substation upgrade; security lighting; fire protection and alarm system; site grading; paving, walks, curbs and gutters, signage, parking and site improvements; storm drainage to include storm water retention areas; and information systems. Access for persons with disabilities will be provided. Heating and air conditioning will be provided by self contained systems. Site measures for Antiterrorism measures such as bollards, force protection lights, barrier and wall landscaping will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 1,407 kW/400 Tons).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																														
3. INSTALLATION AND LOCATION Fort Leonard Wood, Missouri																																
4. PROJECT TITLE Information Systems Facility	5. PROJECT NUMBER 64520																															
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="224 520 722 562">Item</th> <th data-bbox="722 520 950 562">UM (M/E)</th> <th data-bbox="950 520 1242 562">QUANTITY</th> <th data-bbox="1242 520 1372 562">Unit COST</th> <th data-bbox="1372 520 1518 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="224 598 673 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="224 625 722 657">SDD and EPAct05</td> <td data-bbox="722 625 950 657">LS</td> <td data-bbox="950 625 1242 657">--</td> <td data-bbox="1242 625 1372 657">--</td> <td data-bbox="1372 625 1518 657">(206)</td> </tr> <tr> <td data-bbox="224 657 722 688">Antiterrorism Measures</td> <td data-bbox="722 657 950 688">LS</td> <td data-bbox="950 657 1242 688">--</td> <td data-bbox="1242 657 1372 688">--</td> <td data-bbox="1372 657 1518 688">(253)</td> </tr> <tr> <td data-bbox="224 688 722 720">Building Information Systems</td> <td data-bbox="722 688 950 720">LS</td> <td data-bbox="950 688 1242 720">--</td> <td data-bbox="1242 688 1372 720">--</td> <td data-bbox="1372 688 1518 720">(749)</td> </tr> <tr> <td colspan="3" data-bbox="1242 720 1372 751">Total</td> <td data-bbox="1372 720 1518 751"></td> <td data-bbox="1372 720 1518 751">1,208</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					SDD and EPAct05	LS	--	--	(206)	Antiterrorism Measures	LS	--	--	(253)	Building Information Systems	LS	--	--	(749)	Total				1,208
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
SDD and EPAct05	LS	--	--	(206)																												
Antiterrorism Measures	LS	--	--	(253)																												
Building Information Systems	LS	--	--	(749)																												
Total				1,208																												
<p>11. REQ: 63,086 m2 ADQT: 49,685 m2 SUBSTD: 6,393 m2 PROJECT: Construct an Information Systems facility at Fort Leonard Wood, MO. (New Mission) REQUIREMENT: This project is required to provide administrative, server room, central data communications, and dial central office space for the DOIM at Fort Leonard Wood. It will provide the necessary office space to support 94 personnel who execute the Army command, control, communications and computers/information management (C4/IM) mission for the installation. CURRENT SITUATION: The existing Dial Central Office (DCO) has reached its capacity for commercial and emergency power, and floor space for equipment and personnel. The existing facility cannot meet imminent mission increases for the installation. Due to the age of the DCO, any moderate wind/rain damage to the roof system would result in failure of the installation's voice and data communications networks. The facility is a high-risk force protection target and is not within compliance standards for physical security. The DOIM heavily depends upon organizational integrity to function at full performance standards proficiency. The DOIM is split between multiple facilities resulting in unproductive processes and lost efficiencies. IMPACT IF NOT PROVIDED: New equipment and personnel needed to meet projected mission increases will be housed in substandard facilities located outside of the DOIM footprint. The installation data and voice networks will remain highly vulnerable to natural and man-made disasters. The DCO will remain a single point of failure for critical communications system needed during normal and emergency operations. Command, control, communications and computers/information management (C4/IM) operations will fail to meet performance standards. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project</p>																																

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Information Systems Facility	5. PROJECT NUMBER 64520
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ADDITIONAL: (CONTINUED)
 engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 656
 - (b) All Other Design Costs..... 656
 - (c) Total Design Cost..... 1,312
 - (d) Contract..... 656
 - (e) In-house..... 656

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... AUG 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE

Information Systems Facility

5.PROJECT NUMBER

64520

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2012	9,956
		TOTAL	<u>9,956</u>

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. PROJECT TITLE General Instruction Building		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 171	7. PROJECT NUMBER 65009	8. PROJECT COST (\$000) Auth 7,000 Approp 7,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
General Instruction Building	m2 (SF)	1,858	(20,000)	2,597	5,517 (4,826)
Covered Training Area	m2 (SF)	371.61	(4,000)	848.95	(315)
Special Foundations	LS	--	--	--	(29)
IDS Installation	LS	--	--	--	(24)
EMCS Connection	LS	--	--	--	(22)
Total from Continuation page					(301)
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	--	833 (140)
Water, Sewer, Gas	LS	--	--	--	(97)
Steam And/Or Chilled Water Dist	LS	--	--	--	(24)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(166)
Storm Drainage	LS	--	--	--	(105)
Site Imp(275) Demo(10)	LS	--	--	--	(285)
Antiterrorism Measures	LS	--	--	--	(16)
ESTIMATED CONTRACT COST					6,350
CONTINGENCY (5.00%)					<u>318</u>
SUBTOTAL					6,668
SUPV, INSP & OVERHEAD (5.70%)					<u>380</u>
TOTAL REQUEST					7,048
TOTAL REQUEST (ROUNDED)					7,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct an addition to the existing Chemical, Biological, Radiological and Nuclear (CBRN) Facility. Facility will include classrooms, administrative area, briefing area, and an After Action Review (AAR) room. Install intrusion detection system (IDS) and connect the energy monitoring and control system (EMCS). Primary facilities also include a covered training area. Supporting facilities include electric service, security lighting, fire protection and alarm systems, paving walks, curbs and gutters, parking, storm drainage, and site improvements. Heating and air conditioning will be provided by self-contained systems. Access for persons with disabilities will be provided. Anti-terrorism/force protection measures include security lighting, heavy landscaping, barriers, blast berms, and structural/window enhancement. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Demolish 1 Building (TOTAL 340 m2/3,663 SF). Air Conditioning (Estimated 176 kW/50 Tons).					
11. REQ: 1,858 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an addition to the Chemical, Biological, Radiological and Nuclear (CBRN) training facility (General Instruction Building)at Fort Leonard					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 65009
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(94)
Antiterrorism Measures	LS	--	--	(85)
Building Information Systems	LS	--	--	(122)
			Total	301

PROJECT: (CONTINUED)

Wood, Missouri. (Current Mission)

REQUIREMENT: This project is required to provide facilities to house individual and certification training for tech escort training. Active and Reserve Component Chemical units assigned an emergency response mission will also be trained. The average daily student load is 90. This training uses standard and non-standard Nuclear, Biological, and Chemical defense equipment. Fort Leonard Wood is providing individual and certification training for Weapons of Mass Destruction Civil Support Teams and DOD Installation Emergency Responders.

CURRENT SITUATION: Currently the tech escort training is not provided at Fort Leonard Wood.

IMPACT IF NOT PROVIDED: Without this facility, training of tech escort teams will be inefficient and will negatively impact their proficiency.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 65009
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs _____ YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Presidio of Monterey

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 350
- (b) All Other Design Costs..... 280
- (c) Total Design Cost..... 630
- (d) Contract..... 350
- (e) In-house..... 280

(4) Construction Contract Award..... FEB 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. PROJECT TITLE Transient Advanced Trainee Barracks, Ph 2			
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 68721		8. PROJECT COST (\$000) Auth 29,000 Approp 29,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						24,394
Barracks/Company Operations		m2 (SF)	8,640 (93,000)		2,186	(18,891)
Battalion HQs w/classroom		m2 (SF)	1,143 (12,300)		2,247	(2,567)
Special Foundations		LS	--		--	(151)
Outdoor Running Track		m2 (SY)	4,229 (5,058)		90.44	(382)
Physical Education Trng Fields		EA	4 --		220,113	(880)
Total from Continuation page						(1,523)
<u>SUPPORTING FACILITIES</u>						1,151
Electric Service		LS	--		--	(459)
Water, Sewer, Gas		LS	--		--	(146)
Steam And/Or Chilled Water Dist		LS	--		--	(24)
Paving, Walks, Curbs & Gutters		LS	--		--	(281)
Storm Drainage		LS	--		--	(18)
Site Imp(168) Demo()		LS	--		--	(168)
Information Systems		LS	--		--	(32)
Antiterrorism Measures		LS	--		--	(23)
ESTIMATED CONTRACT COST						25,545
CONTINGENCY (5.00%)						1,277
SUBTOTAL						26,822
SUPV, INSP & OVERHEAD (5.70%)						1,529
DESIGN/BUILD - DESIGN COST						1,073
TOTAL REQUEST						29,424
TOTAL REQUEST (ROUNDED)						29,000
INSTALLED EQT-OTHER APPROP						(2,804)
10. Description of Proposed Construction This project is Phase 2, FY 2011, \$29M, of a 2 phase project. Phase 1 is PN 72523 (FY 2010, \$99M). Construct 4 standard-design multi-story barracks (300 persons), company operations facility, and one standard design medium battalion headquarters facility with classrooms, an outdoor running track, physical education training fields, lawn maintenance and equipment building, and replace a picnic shelter. Provide for connection to energy monitoring and control systems (EMCS), installation of intrusion detection system (IDS) and building information systems. Supporting facilities include underground utilities, electric service, security lighting, fire suppression, protection and alarm systems, fencing, paving, walks, curbs and gutters, storm drainage, exterior building signage, information systems, and site improvements. Access for persons with disabilities will be provided. Heating and air conditioning will be provided by self-contained systems. Comprehensive building and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 703 kW _r /200 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Transient Advanced Trainee Barracks, Ph 2	5. PROJECT NUMBER 68721
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Lawn Equipment Building	m2 (SF)	185.81 (2,000)	1,104	(205)
Picnic Shelter	m2 (SF)	83.61 (900)	152.10	(13)
IDS Installation	LS	--	--	(23)
EMCS Connections	LS	--	--	(115)
SDD and EPAct05	LS	--	--	(261)
Antiterrorism Measures	LS	--	--	(312)
Building Information Systems	LS	--	--	(594)
			Total	1,523

11. REQ: 19,338 PN ADQT: 8,486 PN SUBSTD: 6,986 PN

PROJECT: Construct standard-design Transient Advanced Trainee Barracks, Phase 2 at Fort Leonard Wood, MO. (New Mission)

REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports the increase in transient training at this installation due to the GTA initiative. The increased training will require barracks and operational facilities in order to perform the training mission.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. However, there is not a sufficient number of adequate facilities to entirely accommodate GTA. This project provides essential trainee barracks and battalion operations facilities to support Advanced Trainee units under GTA at Fort Leonard Wood.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative and Soldiers will continue to live, work, and train out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Leonard Wood, Missouri

4. PROJECT TITLE Transient Advanced Trainee Barracks, Ph 2	5. PROJECT NUMBER 68721
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ADDITIONAL: (CONTINUED)
with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2010(\$000)	Requested FY2011(\$000)
Authorization	\$99,000	\$29,000
Authorization of Appropriation	\$99,000	\$29,000
Appropriation	\$99,000	\$29,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 671
- (b) All Other Design Costs..... 403
- (c) Total Design Cost..... 1,074
- (d) Contract..... 671
- (e) In-house..... 403

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE Transient Advanced Trainee Barracks, Ph 2	5.PROJECT NUMBER 68721
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... FEB 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Kitchen Equipment	OPA	2012	560
Classroom Equipment	OPA	2012	1,883
IDS Equipment	OPA	2012	87
Info Sys - ISC	OPA	2012	274
		TOTAL	<u>2,804</u>

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. PROJECT TITLE Training Barracks		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 69267		8. PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,080
Barracks/Company Operations		m2 (SF)	6,011 (64,700)		2,148	(12,914)
Special Foundation		LS	--		--	(465)
IDS Installation		EA	1 --		28,422	(28)
EMCS Connection		EA	1 --		21,092	(21)
SDD and EPAct05		LS	--		--	(259)
Total from Continuation page						(393)
<u>SUPPORTING FACILITIES</u>						3,251
Electric Service		LS	--		--	(981)
Water, Sewer, Gas		LS	--		--	(704)
Steam And/Or Chilled Water Dist		LS	--		--	(186)
Paving, Walks, Curbs & Gutters		LS	--		--	(476)
Storm Drainage		LS	--		--	(87)
Site Imp(745) Demo()		LS	--		--	(745)
Information Systems		LS	--		--	(9)
Antiterrorism Measures		LS	--		--	(63)
ESTIMATED CONTRACT COST						17,331
CONTINGENCY (5.00%)						867
SUBTOTAL						18,198
SUPV, INSP & OVERHEAD (5.70%)						1,037
TOTAL REQUEST						19,235
TOTAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard-design trainee barracks for 240 trainees. Facility includes open-bay billeting space, company operations, classrooms space and covered training areas. Project will include connection to energy monitoring and control systems (EMCS) and installation of intrusion detection systems (IDS). Special foundations are required. Supporting facilities include: utilities, electric service, street lighting, fire protection and alarm systems, paving, walks, curbs and gutters, parking, storm drainage, sanitary sewer, troop formation area, exterior signage, information systems, underground fuel tank removal and site improvements. Heating and hot water will be provided by self-contained units. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided in public areas. Antiterrorism/Force protection measures include security lighting, landscaping, barriers, blast berms, and structural/window enhancement. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 2,954 kW/840 Tons).						
11. REQ:		19,338 PN	ADQT: 8,486 PN		SUBSTD:	6,986 PN
PROJECT: Construct a trainee barracks at Fort Leonard Wood, MO.(New Mission).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Training Barracks	5. PROJECT NUMBER 69267
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(259)
Building Information Systems	LS	--	--	(134)
			Total	393

REQUIREMENT: Provide a trainee barracks to support 240 trainees and a cadre of 20-25 personnel for the increasing training load on the installation. This trainee barracks is required to accommodate the permanent increase in the Army's end-strength under the Grow the Army (GTA) initiative.

CURRENT SITUATION: The Army requirement for trainees (Basic Combat Training (BCT) and One Station Unit Training (OSUT) is being increased under the GTA initiative. There are no existing barracks to accommodate the increase to trainee capacity at Fort Leonard Wood and continue training Basic Combat Training and One Station Unit training at required levels.

IMPACT IF NOT PROVIDED: Training demands exceed existing troop housing assets. If new barracks are not provided, Initial Entry Training (IET) soldiers will be placed in relocatable barracks or overcrowded rolling pin barracks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
------------------------	--	---------------------------

3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE Training Barracks	5.PROJECT NUMBER 69267
--	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	375
(b) All Other Design Costs.....	281
(c) Total Design Cost.....	656
(d) Contract.....	375
(e) In-house.....	281

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
---	--	--	-------------------------------

NA

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. PROJECT TITLE Brigade Headquarters		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 141	7. PROJECT NUMBER 72055	8. PROJECT COST (\$000) Auth 12,200 Approp 12,200		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,197
Brigade Headquarters		m2 (SF)	3,725 (40,100)	2,495	(9,295)
IDS Installation		LS	--	--	(67)
EMCS Connections		LS	--	--	(102)
SDD and EPAct05		LS	--	--	(186)
Antiterrorism Measures		LS	--	--	(186)
Building Information Systems		LS	--	--	(361)
<u>SUPPORTING FACILITIES</u>					873
Electric Service		LS	--	--	(51)
Water, Sewer, Gas		LS	--	--	(41)
Paving, Walks, Curbs & Gutters		LS	--	--	(355)
Storm Drainage		LS	--	--	(22)
Site Imp(265) Demo()		LS	--	--	(265)
Information Systems		LS	--	--	(124)
Antiterrorism Measures		LS	--	--	(15)
ESTIMATED CONTRACT COST					11,070
CONTINGENCY (5.00%)					554
SUBTOTAL					11,624
SUPV, INSP & OVERHEAD (5.70%)					663
TOTAL REQUEST					12,287
TOTAL REQUEST (ROUNDED)					12,200
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard-design brigade headquarters. Project includes connection to the energy monitoring and control systems (EMCS) and installation of anintrusion detection system (IDS). Supporting facilities include underground utilities, electric service, security lighting, fire suppression, protection and alarm systems, fencing, paving, walks, curbs and gutters, storm drainage, exterior signage, information systems, site improvements. Heating and air conditioning will be provided by self-contained systems. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 703 kW/200 Tons).					
11. REQ: 9,925 m2 ADQT: 4,603 m2 SUBSTD: NONE					
PROJECT: Construct a standard-design brigade headquarters at Fort Leonard Wood, MO. (New mission)					
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																						
3. INSTALLATION AND LOCATION Fort Leonard Wood, Missouri																								
4. PROJECT TITLE Brigade Headquarters	5. PROJECT NUMBER 72055																							
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units.</p> <p><u>CURRENT SITUATION:</u> All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>																								
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2008</td> </tr> <tr> <td>(b) Percent Complete As Of January 2010.....</td> <td>15.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>MAR 2010</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2010</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract:</td> <td>Adapt-Build</td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Bliss</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td>326</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>196</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>522</td> </tr> <tr> <td>(d) Contract.....</td> <td>326</td> </tr> <tr> <td>(e) In-house.....</td> <td>196</td> </tr> </table> <p>(4) Construction Contract Award..... JAN 2011</p>			(a) Date Design Started.....	SEP 2008	(b) Percent Complete As Of January 2010.....	15.00	(c) Date 35% Designed.....	MAR 2010	(d) Date Design Complete.....	OCT 2010	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract:	Adapt-Build	(a) Production of Plans and Specifications.....	326	(b) All Other Design Costs.....	196	(c) Total Design Cost.....	522	(d) Contract.....	326	(e) In-house.....	196
(a) Date Design Started.....	SEP 2008																							
(b) Percent Complete As Of January 2010.....	15.00																							
(c) Date 35% Designed.....	MAR 2010																							
(d) Date Design Complete.....	OCT 2010																							
(e) Parametric Cost Estimating Used to Develop Costs	YES																							
(f) Type of Design Contract:	Adapt-Build																							
(a) Production of Plans and Specifications.....	326																							
(b) All Other Design Costs.....	196																							
(c) Total Design Cost.....	522																							
(d) Contract.....	326																							
(e) In-house.....	196																							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Leonard Wood, Missouri

4. PROJECT TITLE Brigade Headquarters	5. PROJECT NUMBER 72055
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
-----	-----		REQUEST	REQUEST			
PROJECT	PROJECT TITLE		-----	-----			
NUMBER	-----						
-----	-----		-----	-----			
New Mexico	White Sands Missile Range (IMCOM)						315
72110	Barracks		29,000	29,000	C		317
			-----	-----			
	Subtotal White Sands Missile Range Part I		\$ 29,000	29,000			
	* TOTAL MCA FOR New Mexico		\$ 29,000	29,000			

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION White Sands Missile Range New Mexico			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.01	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	98	608	1913	0	0	0	30 108 2832 5,589
B. END FY 2015	114	566	1931	0	0	0	26 104 2851 5,592
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	929,609 ha		(2,297,106 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							2,865,839
C. AUTHORIZATION NOT YET IN INVENTORY.....							194,600
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							29,000
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							11,400
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							240,797
H. GRAND TOTAL.....							3,341,636
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	72110	Barracks		29,000	09/2008	06/2011	
TOTAL				29,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
740	Child Development Center			11,400			
TOTAL				11,400			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Provide quality test, evaluation, research, and other technical services to the Army and DOD acquisition programs.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: White Sands Missile Range, New Mexico

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION White Sands Missile Range New Mexico				4.PROJECT TITLE Barracks		
5.PROGRAM ELEMENT 72896A		6.CATEGORY CODE 721	7.PROJECT NUMBER 72110		8.PROJECT COST (\$000) Auth 29,000 Approp 29,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,680
Barracks		m2 (SF)	10,065 (	108,336)	2,207	(22,209)
EMCS Connections		LS	--	--	--	(116)
SDD and EPAct05		LS	--	--	--	(444)
Antiterrorism Measures		LS	--	--	--	(453)
Building Information Systems		LS	--	--	--	(458)
<u>SUPPORTING FACILITIES</u>						1,872
Electric Service		LS	--	--	--	(26)
Steam And/Or Chilled Water Dist		LS	--	--	--	(53)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(104)
Storm Drainage		LS	--	--	--	(55)
Site Imp(1,629) Demo()		LS	--	--	--	(1,629)
Antiterrorism Measures		LS	--	--	--	(5)
ESTIMATED CONTRACT COST						25,552
CONTINGENCY (5.00%)						<u>1,278</u>
SUBTOTAL						26,830
SUPV, INSP & OVERHEAD (5.70%)						1,529
DESIGN/BUILD - DESIGN COST						<u>1,073</u>
TOTAL REQUEST						29,432
TOTAL REQUEST (ROUNDED)						29,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design Barracks. Work includes building information systems, connection to energy monitoring and control systems(EMCS), fire/smoke detection, fire suppression systems and alarm systems and connections to installation central systems. Building antiterrorism measures will include interior sway bracing, blast resistant windows and exterior door glass and mass notification systems. Heating and air conditioning will be provided by self-contained units. Supporting facilities include electric service, water, sewer, paving, parking, and site improvements. Antiterrorism measures will include building orientation and standoff distances. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 1,407 kW _r /400 Tons).						
11. REQ: 1,259 PN ADQT: 135 PN SUBSTD: 333 PN PROJECT: Construct standard design Enlisted Unaccompanied Housing Facility at White Sands Missile Range, NM. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 72110
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REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. The maximum barracks utilization is 296 Soldiers. The intended utilization is 204 Junior Enlisted and 46 Sergeants.

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under this facility category are fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative at White Sands Missile Range. Soldiers will be forced to live in temporary facilities for an extended time.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$.2M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at White Sands Missile Range. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 828 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... FEB 2011
 - (d) Date Design Complete..... JUN 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

(2) Basis:

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
White Sands Missile Range, New Mexico

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 72110
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	821
(b) All Other Design Costs.....	547
(c) Total Design Cost.....	1,368
(d) Contract.....	821
(e) In-house.....	547
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Samuel O. Sanchez
Phone Number: 505-678-1128

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
New York	Fort Drum (IMCOM)				323
14456	Training Aids Center	18,500	18,500	C	325
57712	Transient Training Barracks	55,000	55,000	C	328
57735	Infantry Squad Battle Course	8,200	8,200	C	332
62580	Aircraft Fuel Storage Complex	14,600	14,600	C	335
67045	Battalion Complex	61,000	61,000	N	339
67532	Aircraft Maintenance Hangar	16,500	16,500	C	343
71472	Brigade Complex Ph 1	55,000	55,000	N	346
	Subtotal Fort Drum Part I	\$ 228,800	228,800		
	United States Military Academy (IMCOM)				351
59044	Science Facility, Ph 2	130,624	130,624	C	353
65166	Urban Assault Course	1,700	1,700	C	357
	Subtotal United States Military Academy Part I	\$ 132,324	132,324		
	* TOTAL MCA FOR New York	\$ 361,124	361,124		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Drum New York			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.13	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	2095	15213	1594	0	131	0	76 513 3115 22,737
B. END FY 2015	2274	15195	1930	0	92	0	39 444 3068 23,042
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	43,412 ha		(107,272 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	4,295,495						
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,214,230						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	228,800						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	170,200						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	1,054,273						
H. GRAND TOTAL.....	6,962,998						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
141	14456	Training Aids Center		18,500	09/2008	10/2010	
721	57712	Transient Training Barracks		55,000	09/2008	05/2011	
178	57735	Infantry Squad Battle Course		8,200	09/2008	09/2010	
124	62580	Aircraft Fuel Storage Complex		14,600	09/2008	10/2010	
721	67045	Battalion Complex		61,000	09/2008	06/2011	
211	67532	Aircraft Maintenance Hangar		16,500	09/2008	05/2011	
721	71472	Brigade Complex Ph 1		55,000	09/2008	05/2011	
TOTAL				228,800			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. INCLUDED IN THE FY 2012 PROGRAM:							
422	Shipping and Receiving Building		5,200				
902	Alert Holding Area Facility		6,700				
903	Railroad Tracks		7,400				
730	Chapel		5,500				
846	Infrastructure Upgrades		69,000				
550	Health Clinic Add/Alt		14,400				
550	Dental/Add/Alt		12,000				
141	Brigade Complex		50,000				
TOTAL				170,200			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Drum, New York

10. MISSION OR MAJOR FUNCTIONS:

The 10th Mountain Division and Fort Drum trains, equips, projects and sustains campaign quality force packages to provide regional combatant commanders the capability to sustain joint and expeditionary operations while caring for Soldiers and their families.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Drum New York				4.PROJECT TITLE Training Aids Center		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 141	7.PROJECT NUMBER 14456		8.PROJECT COST (\$000) Auth 18,500 Approp 18,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,469
Training Aids Center		m2 (SF)	6,689 (72,000)		1,871	(12,516)
Storage Shed, Covered		m2 (SF)	371.61 (4,000)		606.01	(225)
Special Foundations		m2 (SF)	7,061 (76,000)		111.41	(787)
IDS Installation		EA	1 --		94,000	(94)
EMCS Connection		LS	--		--	(18)
Total from Continuation page						(829)
<u>SUPPORTING FACILITIES</u>						2,378
Electric Service		LS	--		--	(245)
Water, Sewer, Gas		LS	--		--	(136)
Paving, Walks, Curbs & Gutters		LS	--		--	(767)
Storm Drainage		LS	--		--	(164)
Site Imp(193) Demo(573)		LS	--		--	(766)
Information Systems		LS	--		--	(300)
ESTIMATED CONTRACT COST						16,847
CONTINGENCY (5.00%)						842
SUBTOTAL						17,689
SUPV, INSP & OVERHEAD (5.70%)						1,008
TOTAL REQUEST						18,697
TOTAL REQUEST (ROUNDED)						18,500
INSTALLED EQT-OTHER APPROP						(2,362)
10.Description of Proposed Construction Construct a standard design Training Aids Center (TAC). Primary facilities include warehousing, administration, maintenance area and classrooms in the TAC and a covered storage shed. Supporting facilities include: electric service; water, sewer and gas; paving, walks, curbs and gutters; security fencing and lighting; storm drainage; site improvements; and information systems. Access for individuals with disabilities will be provided. The project will include antiterrorism protection measures, installation of Intrusion Detection System (IDS), and connection to the Energy Monitoring and Control Systems (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 6 Buildings (TOTAL 1,931 m2/20,781 SF). Air Conditioning (Estimated 324 kW/92 Tons).						
11. REQ:		10,929 m2	ADQT: NONE		SUBSTD:	1,450 m2
PROJECT: Construct a standard design Training Aids Center at Fort Drum, NY. (Current Mission)						
REQUIREMENT: The 10th Mountain Division will increase the quantity and type of live and virtual training devices used. Additional classrooms, storage and maintenance areas are needed to support the increases in training aid devices						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 14456
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(279)
Antiterrorism Measures	LS	--	--	(279)
Building Information Systems	LS	--	--	(271)
			Total	829

REQUIREMENT: (CONTINUED)

and to protect the investment in those devices.

CURRENT SITUATION: This facility is required to replace WWII wood structures that do not have adequate space to support current and new requirements. The age, condition and structural configuration of current buildings does not support continued use. New requirements coupled with failed components of existing buildings result in the need for new construction to support this training need.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Drum will not be able to fully protect the training aid and device investment. Training components will be exposed to the elements, drastically reducing useful life and compromising reliable use for training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE Training Aids Center	5.PROJECT NUMBER 14456
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 807

(b) All Other Design Costs..... 646

(c) Total Design Cost..... 1,453

(d) Contract..... 807

(e) In-house..... 646

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Rack & MHE	OPA	2011	2,357
Info Sys - ISC	OPA	2012	5
		TOTAL	2,362

Installation Engineer: James W. Corriveau

Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE Transient Training Barracks		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 57712	8. PROJECT COST (\$000) Auth 55,000 Approp 55,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				41,272	
Barracks, Transient Training	m2 (SF)	11,356 (122,232)	1,746	(19,832)	
Battalion HQs, Transient	m2 (SF)	1,044 (11,237)	1,835	(1,916)	
Vehicle Maint Shop, Transient	m2 (SF)	1,101 (11,854)	2,008	(2,211)	
Dining Facility, Transient	m2 (SF)	1,558 (16,765)	3,548	(5,526)	
Officers Quarters, Transient	m2 (SF)	2,098 (22,579)	2,134	(4,476)	
Total from Continuation page				(7,311)	
<u>SUPPORTING FACILITIES</u>				6,695	
Electric Service	LS	--	--	(1,673)	
Water, Sewer, Gas	LS	--	--	(724)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,673)	
Storm Drainage	LS	--	--	(542)	
Site Imp(1,731) Demo()	LS	--	--	(1,731)	
Information Systems	LS	--	--	(203)	
Antiterrorism Measures	LS	--	--	(149)	
ESTIMATED CONTRACT COST				47,967	
CONTINGENCY (5.00%)				2,398	
SUBTOTAL				50,365	
SUPV, INSP & OVERHEAD (5.70%)				2,871	
DESIGN/BUILD - DESIGN COST				2,015	
TOTAL REQUEST				55,251	
TOTAL REQUEST (ROUNDED)				55,000	
INSTALLED EQT-OTHER APPROP				()	
10. Description of Proposed Construction Construct a Transient Training Barracks Complex. The complex will consist of transient training barracks, one Battalion Headquarters, a fenced hardstand for tactical equipment, a vehicle maintenance shop, a dining facility, unaccompanied officers quarters, and a storage shed. Supporting facilities include electric service; water, sewer, and gas; steam and/or chilled water distribution; paving, parking, walks, curbs and gutters; storm drainage; site improvement; information systems; and antiterrorism measures. Extend existing utility services to the site and facilities. Provide connection to Energy Monitoring and Control Systems (EMCS), building information systems, and installation of Intrusion Detection Systems (IDS). Special foundations are required. Antiterrorism/force protection (AT/FP) will be provided as required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Air Conditioning (Estimated 2,385 kW/678 Tons).					
11. REQ: 4,252 PN ADQT: NONE SUBSTD: 2,574 PN					
PROJECT: Construct a Transient Training Barracks Complex at Fort Drum, NY.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Transient Training Barracks	5. PROJECT NUMBER 57712
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(1,804)
Storage Shed, Covered	m2 (SF)	445.93 (4,800)	559.51	(250)
Hardstand	m2 (SY)	27,592 (33,000)	88.06	(2,430)
IDS Installation	LS	--	--	(19)
EMCS Connections	LS	--	--	(293)
SDD and EPAct05	LS	--	--	(729)
Antiterrorism Measures	LS	--	--	(729)
Building Information Systems	LS	--	--	(1,057)
			Total	7,311

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: This project is required to provide facilities for training and housing of Reserve and National Guard troops and for the Rapid Deployment Component of the 10th Mountain Division. The maximum utilization is 672 Soldiers.

CURRENT SITUATION: Training units are currently housed and serviced by WW II wooden buildings. These buildings detract from morale, are expensive to maintain and operate, and are remotely located from training areas, causing excessive travel and loss of valuable training time.

IMPACT IF NOT PROVIDED: Training will continue to be degraded due to loss of valuable training time. Without the construction of this new complex troops will continue to be housed in substandard facilities, and Fort Drum will be unable to meet its high standard of support for units from all services coming to train.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Fort Drum, New York

4. PROJECT TITLE	5. PROJECT NUMBER
Transient Training Barracks	57712

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 968
 - (b) All Other Design Costs..... 581
 - (c) Total Design Cost..... 1,549
 - (d) Contract..... 968
 - (e) In-house..... 581

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... MAR 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE Transient Training Barracks	5.PROJECT NUMBER 57712
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: James Corriveau
Phone Number: 315.772.5371

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE Infantry Squad Battle Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 57735	8. PROJECT COST (\$000) Auth 8,200 Approp 8,200		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Infantry Squad Battle Course	SN	5 --		1173957	7,146
Range Operations & Storage	m2 (SF)	74.32	(800)	1,944	(5,870)
Range Operations Center	m2 (SF)	74.32	(800)	1,813	(144)
Classroom Building	m2 (SF)	74.32	(800)	2,579	(135)
Bleachers Enclosure	m2 (SF)	67.45	(726)	1,648	(192)
Total from Continuation page					(111)
<u>SUPPORTING FACILITIES</u>					(694)
Electric Service	LS	--		--	253
Water, Sewer, Gas	LS	--		--	(64)
Information Systems	LS	--		--	(60)
Antiterrorism Measures	LS	--		--	(123)
					(6)
ESTIMATED CONTRACT COST					7,399
CONTINGENCY (5.00%)					<u>370</u>
SUBTOTAL					7,769
SUPV, INSP & OVERHEAD (5.70%)					<u>443</u>
TOTAL REQUEST					8,212
TOTAL REQUEST (ROUNDED)					8,200
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Upgrade an existing range to meet current standards for an Infantry Squad Battle Course (ISBC). Project will construct five objective areas (stations), range operations and storage building, range operations center, classroom building, latrine, bleacher enclosure, covered mess, ammo breakdown building, range operations and control area, and building information systems. Antiterrorism protection measures will be included. Supporting facilities include electric service, water, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Air Conditioning (Estimated 7 kW/2 Tons).					
11. REQ: 5 SN ADQT: NONE SUBSTD: 5 SN					
PROJECT: Upgrade existing range to meet current standards for an Infantry Squad Battle Course at Fort Drum, NY. (Current Mission)					
REQUIREMENT: Force modernization, emerging technologies, major changes in training doctrine and force structure require the Army to provide ranges capable of training, testing, and stressing today's Soldiers and their modern equipment.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Infantry Squad Battle Course	5. PROJECT NUMBER 57735
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Mess	m2 (SF)	74.32 (800)	997.42	(74)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	3,906	(67)
Latrine	m2 (SF)	51.10 (550)	6,911	(353)
Range Operations & Control Area	EA	1 --	65,365	(65)
SDD and EPAct05	LS	--	--	(10)
Antiterrorism Measures	LS	--	--	(10)
Building Information Systems	LS	--	--	(115)
Total				694

CURRENT SITUATION: The current ranges do not meet the latest standards for the enhanced training of the modern Infantry Squad.

IMPACT IF NOT PROVIDED: If this project is not provided, the tactics, techniques and procedures used to fight with the Army's modern combat systems cannot be provided. Force training will be jeopardized, combat readiness will be impaired, and Soldiers' ability to meet mission requirements will be degraded.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... SEP 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Infantry Squad Battle Course	5. PROJECT NUMBER 57735
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 237

(b) All Other Design Costs..... 158

(c) Total Design Cost..... 395

(d) Contract..... 237

(e) In-house..... 158

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: James Corriveau

Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Drum New York				4. PROJECT TITLE Aircraft Fuel Storage Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 124	7. PROJECT NUMBER 62580		8. PROJECT COST (\$000) Auth 14,600 Approp 14,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						6,860
Fuel Truck Loading Skids		EA	3 --		684,600	(2,054)
Loading Pumps		EA	2 --		68,460	(137)
Replace Direct Fueling Pipeline		LS	--		--	(2,334)
Fuel Storage		L (GA)	227,125 (60,000)		1.61	(366)
Cathodic Protection		m (LF)	836.68 (2,745)		7.25	(6)
Total from Continuation page						(1,963)
SUPPORTING FACILITIES						6,211
Electric Service		LS	--		--	(331)
Water, Sewer, Gas		LS	--		--	(573)
Paving, Walks, Curbs & Gutters		LS	--		--	(4,961)
Storm Drainage		LS	--		--	(11)
Site Imp(285) Demo()		LS	--		--	(285)
Information Systems		LS	--		--	(25)
Antiterrorism Measures		LS	--		--	(25)
ESTIMATED CONTRACT COST						13,071
CONTINGENCY (5.00%)						654
SUBTOTAL						13,725
SUPV, INSP & OVERHEAD (5.70%)						782
TOTAL REQUEST						14,507
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Upgrade and expand an aviation fuel storage facility to receive and issue JP-8 aviation fuel. Project includes fuel truck loading skids, loading pumps, replacement of direct fueling pipeline, fuel storage tanks with cathodic protection, leak detection system, fuel filter/separator, relocation of deicing tanks, canopies for loading skids, upgrade aircraft direct fueling, upgrade aircraft direct fueling control building, upgrade fuel building to include lab, a fuel telemetry system and anti-terrorism measures. Facilities will include Building Information Systems and connection to Energy Monitoring and Control Systems (EMCS). Supporting facilities include extension of the natural gas lines, parking areas, sidewalks, landscaping, erosion control, storm water management, accidental spill controls, fire controls and site improvements. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Access for persons with disabilities will be provided. Air Conditioning (Estimated 14 kW/4 Tons).						
11. REQ:		3 EA	ADQT:		NONE	SUBSTD: 3 EA
PROJECT: Upgrade and expand an aircraft fuel storage complex at Fort Drum, NY. (Current Mission.)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Aircraft Fuel Storage Complex	5. PROJECT NUMBER 62580
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Leak Detection System	m (LF)	836.68 (2,745)	253.61	(212)
Fuel Filter / Separator	EA	2 --	83,673	(167)
Relocate Deicing Tanks	EA	2 --	42,788	(86)
Canopies for Load / Unload Skid	EA	5 --	142,625	(713)
Rehab AC Fueling Control Bldg	m2 (SF)	185.81 (2,000)	3,290	(611)
Rehab Fuel Building w/ Lab	m2 (SF)	9.29 (100)	2,702	(25)
Fuel Telemetry System	LS	--	--	(51)
EMCS Connection	LS	--	--	(51)
SDD and EPAct05	LS	--	--	(11)
Antiterrorism Measures	LS	--	--	(29)
Building Information Systems	LS	--	--	(7)
			Total	1,963

REQUIREMENT: This project is required to provide compliance with current standards to receive and store fuel to meet the requirements of Fort Drum's Wheeler Sack Army Airfield (WSAAF), which provides aviation fuels for all users. Users include the Combat Aviation Brigade of the 10th MTN DIV (LI), the heavy lift supporting deployment/redeployment operations from Fort Drum, US Army Reserve (USAR) and National Guard (NG) units training at Fort Drum, the New York Army National Guard (NYANG) who operate a Forward Operating Location and Air to Ground gunnery Range on Fort Drum, and all transitory aircraft requiring fuel. This project will allow WSAAF to meet its mission requirements during periods of peak demand caused by its role as an Army Port of Embarkation (APOE). Routinely, WSAAF has to fuel heavy fixed wing aircraft (C-5, C-17, etc) plus commercial airliners (B-747, MD-11, etc) that have been chartered to carry Soldiers to Iraq and Afghanistan and other points in Southwest Asia.

CURRENT SITUATION: The current aviation fueling facilities were constructed in early 1990 for the expansion of Fort Drum to base the 10th MTN DIV (LI). The existing facilities do not meet construction standards, nor are there sufficient facilities to support the required operational procedures. The facilities have experienced significant spills due to the lack of environmental and operational protection that are required by current regulations. The pipeline to the direct fuel facility is leaking into the containment pipe.

IMPACT IF NOT PROVIDED: As the deployment schedules and training requirements increase, so does the fuel demand. Delays cause troop carrying aircraft to miss deployment schedules, which backs up deployments. This situation has become a major bottleneck in WSAAF deployment and adversely affects mission execution. Continued damage to the environment may occur since

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Aircraft Fuel Storage Complex	5. PROJECT NUMBER 62580
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IMPACT IF NOT PROVIDED: (CONTINUED)
the current facilities do not meet mission or environmental requirements and are pushed beyond their design capacities. Failure to operate within the guidelines could have the negative impact on mission requirements (training and deployment) and the lack of required facilities could cause threats to aircraft safety.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 2008

(b) Percent Complete As Of January 2010..... 15.00

(c) Date 35% Designed..... MAR 2010

(d) Date Design Complete..... OCT 2010

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-bid-build

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 716

(b) All Other Design Costs..... 429

(c) Total Design Cost..... 1,145

(d) Contract..... 716

(e) In-house..... 429

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Aircraft Fuel Storage Complex	5. PROJECT NUMBER 62580
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: James Corriveau
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Drum New York				4. PROJECT TITLE Battalion Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 67045		8. PROJECT COST (\$000) Auth 61,000 Approp 61,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						43,054
Barracks		m2 (SF)	10,677 (114,924)		2,334	(24,920)
Company Operations Addition		m2 (SF)	1,601 (17,230)		2,401	(3,844)
Covered Hardstand		m2 (SF)	277.32 (2,985)		1,033	(287)
Battalion Headquarters Addition		m2 (SF)	286.98 (3,089)		2,956	(848)
Vehicle Maint Shop Addition		m2 (SF)	2,133 (22,960)		2,433	(5,189)
Total from Continuation page						(7,966)
<u>SUPPORTING FACILITIES</u>						10,225
Electric Service		LS	--		--	(2,305)
Water, Sewer, Gas		LS	--		--	(1,685)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,143)
Storm Drainage		LS	--		--	(226)
Site Imp(4,184) Demo()		LS	--		--	(4,184)
Information Systems		LS	--		--	(531)
Antiterrorism Measures		LS	--		--	(151)
ESTIMATED CONTRACT COST						53,279
CONTINGENCY (5.00%)						<u>2,664</u>
SUBTOTAL						55,943
SUPV, INSP & OVERHEAD (5.70%)						3,189
DESIGN/BUILD - DESIGN COST						<u>2,238</u>
TOTAL REQUEST						61,370
TOTAL REQUEST (ROUNDED)						61,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct standard facilities for a Battalion complex including barracks to house 314 unaccompanied Soldiers, a battalion headquarters addition with classrooms, company operations facility addition with covered hardstand, vehicle maintenance shop addition, fire fighters unit storage, organizational storage facilities, oil storage, hazardous waste storage, and parking for organizational vehicles. Building information systems, fire protection systems and fire alarm control system will be included in the facilities. Provide connection to Energy Monitoring and Control Systems (EMCS) and installation of Intrusion Detection Systems (IDS) in operations buildings. Supporting facilities include water, sewer, electric, gas, paving, walkways, storm drainage, parking, and site improvements. Special foundations will be required. Antiterrorism/force protection (AT/FP) measures include laminated glass windows with blast resistant frames, security lighting, and site security measures. Accessibility for individuals with disabilities will be provided in public areas. Air conditioning will be provided in the barracks and administrative areas of all facilities. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 67045
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Storage	m2 (SF)	654.97 (7,050)	1,074	(703)
Oil Storage Building	m2 (SF)	55.74 (600)	1,175	(65)
Hazardous Waste Storage	m2 (SF)	55.74 (600)	1,175	(65)
Fire Station Unit Storage	m2 (SF)	213.21 (2,295)	1,195	(255)
Organizational Vehicle Parking	m2 (SY)	23,457 (28,054)	93.35	(2,190)
Special Foundations	LS	--	--	(1,643)
IDS Installation	LS	--	--	(30)
EMCS Connections	LS	--	--	(163)
SDD and EPAct05	LS	--	--	(769)
Antiterrorism Measures	LS	--	--	(769)
Building Information Systems	LS	--	--	<u>(1,314)</u>
			Total	7,966

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

1,435 kW/408 Tons).

11. REQ: 7,071 PN ADQT: 6,145 PN SUBSTD: 340 PN

PROJECT: Construct standard design facilities for a Battalion Complex at Fort Drum, NY (New Mission).

REQUIREMENT: A new Battalion has been assigned to Fort Drum. This stationing action has significantly increased the installations military population and structure, requiring new facilities to support the unit. The facilities identified in this project will support the requirements of the Battalion by providing required housing for unaccompanied Soldiers in accordance with current standards, a battalion headquarters, a company operations building with admin space and readiness modules, a vehicle maintenance facility, and supporting ancillary facilities. The maximum barracks utilization is 314 Soldiers. Intended utilization is 216 Junior Enlisted and 49 Sergeants.

CURRENT SITUATION: Adequate existing facilities are not available to support this new stationing action. All existing facilities suitable for use under these facility categories are fully utilized. This project provides essential permanent living and working facilities to support the stationing of a new Battalion at Fort Drum.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to support the permanent stationing requirements of this unit at Fort Drum. Soldiers will continue to live and work out of temporary and/or relocatable buildings, which have limited operational capabilities and useful life expectancies.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Drum, New York		
4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 67045	

ADDITIONAL: (CONTINUED)

antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$12M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Drum, NY. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... JUN 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Drum

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,485
 - (b) All Other Design Costs..... 891
 - (c) Total Design Cost..... 2,376
 - (d) Contract..... 1,485
 - (e) In-house..... 891

- (4) Construction Contract Award..... FEB 2011

- (5) Construction Start..... APR 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 67045
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... APR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: James Corriveau
Phone Number: 315-772-5371

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Drum New York				4.PROJECT TITLE Aircraft Maintenance Hangar		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 211	7.PROJECT NUMBER 67532		8.PROJECT COST (\$000) Auth 16,500 Approp 16,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,472
Aircraft Maintenance Hangar		m2 (SF)	3,421 (36,826)		2,646	(9,051)
Medivac Readiness		m2 (SF)	180.70 (1,945)		3,474	(628)
Maintenance Hangar Renovation		m2 (SF)	13,564 (146,000)		182.13	(2,470)
Special Foundations		LS	--		--	(383)
IDS Installation		LS	--		--	(34)
Total from Continuation page						(906)
<u>SUPPORTING FACILITIES</u>						1,004
Electric Service		LS	--		--	(377)
Water, Sewer, Gas		LS	--		--	(95)
Storm Drainage		LS	--		--	(200)
Information Systems		LS	--		--	(312)
Antiterrorism Measures		LS	--		--	(20)
ESTIMATED CONTRACT COST						14,476
CONTINGENCY (5.00%)						724
SUBTOTAL						15,200
SUPV, INSP & OVERHEAD (5.70%)						866
DESIGN/BUILD - DESIGN COST						608
TOTAL REQUEST						16,674
TOTAL REQUEST (ROUNDED)						16,500
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct aircraft maintenance hangar with shops, aviation unit operations Medivac Readiness Space, and arms room to support Blackhawk and Chinook helicopters. Primary facilities include renovation of the existing maintenance hangar to upgrade electrical, heating, ventilation, lighting and the addition of overhead crane support. Project also includes the installation of an Intrusion Detection System (IDS) and connection to energy monitoring and control system(EMCS). Special foundations are required. Supporting facilities include water, sewer, electrical, gas, paving, walkways, storm drainage, site improvements and information systems. Antiterrorism (AT) measures include laminated glass windows with blast resistant frames, security lighting and site security measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 106 kW/30 Tons).						
11. REQ:		16,985 m2	ADQT:	NONE	SUBSTD:	14,140 m2
PROJECT: Construct an aircraft maintenance hangar at Fort Drum, NY. (Curent Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 67532
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(263)
SDD and EPAct05	LS	--	--	(243)
Antiterrorism Measures	LS	--	--	(243)
Building Information Systems	LS	--	--	(157)
			Total	906

REQUIREMENT: This project is required to provide aviation operations and unit maintenance facilities for an Aviation Battalion at Fort Drum.

CURRENT SITUATION: There are currently no facilities available to perform unit maintenance on CH-47 and UH-60 helicopters assigned to the aviation unit.

IMPACT IF NOT PROVIDED: The Battalion will not have a maintenance facility to perform unit maintenance on their CH-47 and UH-60 helicopters assigned to the unit.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: NO

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 67532
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>361</u>
(b) All Other Design Costs.....	<u>217</u>
(c) Total Design Cost.....	<u>578</u>
(d) Contract.....	<u>361</u>
(e) In-house.....	<u>217</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>SEP 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: James Corriveau
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE Brigade Complex Ph 1		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 71472	8. PROJECT COST (\$000) Auth 55,000 Approp 55,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					34,117
Barracks	m2 (SF)	6,732 (	72,468)	2,429	(16,351)
Brigade Headquarters	m2 (SF)	3,725 (	40,100)	2,531	(9,430)
Battalion HQs w/Classrooms	m2 (SF)	1,682 (	18,100)	2,451	(4,122)
Special Foundations	LS	--	--	--	(1,234)
IDS Installation	LS	--	--	--	(145)
Total from Continuation page					(2,835)
<u>SUPPORTING FACILITIES</u>					13,991
Electric Service	LS	--	--	--	(1,419)
Water, Sewer, Gas	LS	--	--	--	(1,423)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(2,396)
Storm Drainage	LS	--	--	--	(189)
Site Imp(7,736) Demo()	LS	--	--	--	(7,736)
Information Systems	LS	--	--	--	(565)
Antiterrorism Measures	LS	--	--	--	(263)
ESTIMATED CONTRACT COST					48,108
CONTINGENCY (5.00%)					<u>2,405</u>
SUBTOTAL					50,513
SUPV, INSP & OVERHEAD (5.70%)					2,879
DESIGN/BUILD - DESIGN COST					<u>2,021</u>
TOTAL REQUEST					55,413
TOTAL REQUEST (ROUNDED)					55,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction This is phase 1 for \$59M of a two phase project. Phase 2, PN 72579, will be requested in a future program. Construct standard design facilities for a Brigade Complex. Phase I includes standard design barracks, brigade headquarters, and a battalion headquarters with classrooms. The maximum utilization of the barracks is 198 soldiers. Provide fire protection, detection, and alarm systems; connections to the energy monitoring and control system (EMCS); Antiterrorism (AT) measures; and installation of intrusion detection systems (IDS) in brigade and battalion headquarters. Special foundations are required. Supporting facilities include electricity, natural gas, water and sewer services; security lighting; fire protection; paving; parking; service area paving; walks, curbs and gutters; storm drainage; signage; information systems; lightning protection systems; site improvements and landscaping; fencing with gates; and Antiterrorism (AT) measures. Heat and air conditioning will be provided via self contained systems. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 9,369 kW/2,664 Tons).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																																			
3. INSTALLATION AND LOCATION Fort Drum, New York																																					
4. PROJECT TITLE Brigade Complex Ph 1	5. PROJECT NUMBER 71472																																				
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 722 562">Item</th> <th data-bbox="722 531 950 562">UM (M/E)</th> <th data-bbox="950 531 1242 562">QUANTITY</th> <th data-bbox="1242 499 1372 562">Unit COST</th> <th data-bbox="1372 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 673 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 722 657">EMCS Connections</td> <td data-bbox="722 625 950 657">LS</td> <td data-bbox="950 625 1242 657">--</td> <td data-bbox="1242 625 1372 657">--</td> <td data-bbox="1372 625 1510 657">(590)</td> </tr> <tr> <td data-bbox="232 657 722 688">SDD and EPAct05</td> <td data-bbox="722 657 950 688">LS</td> <td data-bbox="950 657 1242 688">--</td> <td data-bbox="1242 657 1372 688">--</td> <td data-bbox="1372 657 1510 688">(595)</td> </tr> <tr> <td data-bbox="232 688 722 720">Antiterrorism Measures</td> <td data-bbox="722 688 950 720">LS</td> <td data-bbox="950 688 1242 720">--</td> <td data-bbox="1242 688 1372 720">--</td> <td data-bbox="1372 688 1510 720">(595)</td> </tr> <tr> <td data-bbox="232 720 722 751">Building Information Systems</td> <td data-bbox="722 720 950 751">LS</td> <td data-bbox="950 720 1242 751">--</td> <td data-bbox="1242 720 1372 751">--</td> <td data-bbox="1372 720 1510 751"><u>(1,055)</u></td> </tr> <tr> <td colspan="3"></td> <td data-bbox="1242 751 1372 783">Total</td> <td data-bbox="1372 751 1510 783">2,835</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					EMCS Connections	LS	--	--	(590)	SDD and EPAct05	LS	--	--	(595)	Antiterrorism Measures	LS	--	--	(595)	Building Information Systems	LS	--	--	<u>(1,055)</u>				Total	2,835
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																																	
<u>PRIMARY FACILITY (CONTINUED)</u>																																					
EMCS Connections	LS	--	--	(590)																																	
SDD and EPAct05	LS	--	--	(595)																																	
Antiterrorism Measures	LS	--	--	(595)																																	
Building Information Systems	LS	--	--	<u>(1,055)</u>																																	
			Total	2,835																																	
<p>11. REQ: 7,071 PN ADQT: 6,145 PN SUBSTD: 340 PN PROJECT: Construct a Brigade Complex, Phase I at Fort Drum, NY. (New Mission) REQUIREMENT: This project supports the Grow the Army initiative. CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under these facility categories are fully utilized. This project provides essential permanent living and working facilities to support the stationing of a Brigade at Fort Drum. IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to support with permanent facilities the stationing of this Brigade to Fort Drum, NY. Soldiers will have to live and work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$12 M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Drum, New York. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.</p>																																					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Brigade Complex Ph 1	5. PROJECT NUMBER 71472
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	Requested FY2011(\$000)	FYDP FY2012(\$000)
Authorization	\$55,000	\$50,000
Authorization of Appropriation	\$55,000	\$50,000
Appropriation	\$55,000	\$50,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Benning
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,084
 - (b) All Other Design Costs..... 542
 - (c) Total Design Cost..... 1,626
 - (d) Contract..... 1,084
 - (e) In-house..... 542
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE Brigade Complex Ph 1	5.PROJECT NUMBER 71472
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: James Corriveau
Phone Number: 315-772-5371

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION U S Military Academy New York			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.34	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 03 NOV 2009		745	431	2094	41	4819	0
B. END FY 2015		737	444	2284	41	5059	0
						39	97
						2158	10,424
						23	92
						2143	10,823
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		6,507 ha		(16,078 AC)			
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						3,578,440	
C. AUTHORIZATION NOT YET IN INVENTORY.....						254,931	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						132,324	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						33,000	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						531,630	
H. GRAND TOTAL.....						4,530,325	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
171	59044	Science Facility, Ph 2		130,624	09/2008	10/2010	
178	65166	Urban Assault Course		1,700	02/2010	02/2011	
TOTAL				132,324			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
721		Enlisted Unaccompanied Personnel Housing		33,000			
TOTAL				33,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
To educate and train future commissioned officers of the United States Army.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: U S Military Academy, New York

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION United States Military Academy New York				4.PROJECT TITLE Science Facility, Ph 2		
5.PROGRAM ELEMENT 85896A		6.CATEGORY CODE 171	7.PROJECT NUMBER 59044		8.PROJECT COST (\$000) Auth 130,624 Approp 130,624	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						117,695
Academic Science Center		m2 (SF)	20,188 (	217,297)	4,133	(83,428)
Seismic Modifications		m2 (SF)	20,188 (	217,297)	1,152	(23,253)
Historical Features Protection		LS	--	--	--	(389)
EMCS Connection		LS	--	--	--	(220)
SDD and EPAct05		LS	--	--	--	(1,780)
Total from Continuation page						(8,625)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						117,695
CONTINGENCY (5.00%)						<u>5,885</u>
SUBTOTAL						123,580
SUPV, INSP & OVERHEAD (5.70%)						<u>7,044</u>
TOTAL REQUEST						130,624
TOTAL REQUEST (ROUNDED)						130,624
INSTALLED EQT-OTHER APPROP						(1,050)
10.Description of Proposed Construction This is phase 2 of a two phase project. Phase 1 was appropriated for \$67M in FY09, PN 55627. Renovate and reconfigure the existing science facility in Bartlett Hall. This building has been designated as a historic site. Primary facility scope consists of renovation of classrooms and laboratories to meet science program requirements, seismic upgrades, asbestos/lead paint abatement, antiterrorism/force protection (ATFP) measures, connection to the energy monitoring and control system (EMCS) and building information systems. Supporting facilities include paving, walks, curbs, and gutters, antiterrorism measures and site improvements. Comprehensive building and furnishing related interior design services are required. Historic features are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 3,025 kW _r /860 Tons).						
11. REQ:		26,795 m2	ADQT:		2,826 m2	SUBSTD: 23,969 m2
PROJECT: Renovate Bartlett Hall to meet current science program requirements at the United States Military Academy, NY. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Science Facility, Ph 2	5. PROJECT NUMBER 59044
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(7,394)
Building Information Systems	LS	--	--	(1,231)
			Total	8,625

REQUIREMENT: This project is required to provide an adequate facility for state-of-the-art instruction in chemistry, life sciences, physics, and photonics. The project is essential to enabling the Military Academy to maintain academic accreditation. It will provide tailored research facilities for the Photonics Research Center and for department faculty.

CURRENT SITUATION: These departments and their associated instructional and laboratory spaces are housed in Bartlett Hall, which was built in 1914. Science, technology, and instructional techniques have evolved significantly since then, and the size of the Corps of Cadets has more than doubled. Although the building has been refurbished several times over the last century, the majority of facilities have never been completely renovated or upgraded. The facility does not provide adequate space and is deficient with respect to utilities, communications, safety, and security. Chemistry labs have no room for personal computers, which are a requirement in the current academic environment. The HVAC systems are difficult to maintain and present a potential risk to cadets, instructors, and laboratory personnel. Expensive laboratory equipment is subjected to potentially damaging environmental conditions. This affects both the accuracy and the longevity of the equipment. The Photonics Research Center Lab does not possess many features required of a high-caliber laser research facility. The limited faculty research space was designed in the early 1980s when the Academy had a predominantly rotating military faculty. The addition of civilian scholars to the faculty requires restructuring the research facilities and office space within each department to accommodate expanded research requirements placed on the faculty. Much of this research directly supports cadet education and the DoD Research and Development community.

IMPACT IF NOT PROVIDED: If this project is not provided, the Military Academy risks losing accreditation in the areas of chemistry, biology, and physics, as well as engineering disciplines that require a foundation in the physical sciences. Students will continue receiving instruction in substandard facilities. Faculty will continue to work in inadequate space with limited resources, making it difficult to recruit and retain quality faculty members.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Science Facility, Ph 2	5. PROJECT NUMBER 59044
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ADDITIONAL: (CONTINUED)

is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2009(\$000)	Requested FY2011(\$000)
Authorization	\$67,000	\$130,624
Authorization of Appropriation	\$67,000	\$130,624
Appropriation	\$67,000	\$130,624

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 5,270
 - (b) All Other Design Costs..... 3,953
 - (c) Total Design Cost..... 9,223
 - (d) Contract..... 5,270
 - (e) In-house..... 3,953

- (4) Construction Contract Award..... JAN 2011

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE Science Facility, Ph 2	5.PROJECT NUMBER 59044
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2011

(6) Construction Completion..... APR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2012	1,050
		TOTAL	<u>1,050</u>

Installation Engineer: Matthew Talaber
Phone Number: 845-938-3415

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION United States Military Academy New York				4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65166		8. PROJECT COST (\$000) Auth 1,700 Approp 1,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,484
Urban Assault Course		FP	5 --		233,888	(1,169)
Range Operations and Control Ar		EA	1 --		81,765	(82)
Range Operations & Storage Buil		m2 (SF)	74.32 (800)		1,155	(86)
Latrine		m2 (SF)	18.58 (200)		4,441	(83)
Ammunition Breakdown Building		m2 (SF)	17.19 (185)		2,322	(40)
Total from Continuation page						(24)
<u>SUPPORTING FACILITIES</u>						68
Electric Service		LS	--		--	(62)
Information Systems		LS	--		--	(6)
ESTIMATED CONTRACT COST						1,552
CONTINGENCY (5.00%)						78
SUBTOTAL						1,630
SUPV, INSP & OVERHEAD (5.70%)						93
TOTAL REQUEST						1,723
TOTAL REQUEST (ROUNDED)						1,700
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Urban Assault Course Range. Primary Facilities include the Urban Assault Course, Operations/Storage Building, Latrine, Ammunition Breakdown Building, Range Operations and Control Area, and Building Information Systems. Supporting Facilities include electric service and information systems. Antiterrorism/Force Protection measures are included. Sustainable Design and Development and Energy Policy Act of 2005 (EPAct 05) will be provided. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		5 FP	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct an Urban Assault Course (UAC) at the U.S. Military Academy, NY. (Current Mission)						
REQUIREMENT: This project is required to provide a platoon, round robin style training facility to conduct intermediate stage of operations training using the crawl, walk, run process from individual through platoon level training. This project is required to train Soldiers in modern urban warfare as part of the Army's Combined Arms Military Operations on Urbanized Terrain (MOU) Task Force Training Strategy. The UAC is the precursor to training at the "Live Fire" Shoothouse and interacts with existing MOU and digital multi-purpose training ranges.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 65166
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(2)
Antiterrorism Measures	LS	--	--	(2)
Building Information Systems	LS	--	--	(20)
			Total	24

CURRENT SITUATION: The current training facilities do not provide basic level training for individual Soldiers/squads and platoons for building and room clearing. There are no facilities at the U.S. Military Academy which support this training.

IMPACT IF NOT PROVIDED: If this project is not provided, there will continue to be major training shortfalls for initial training of Soldiers at the U.S. Military Academy. Successful planning and execution of specialized urban assault training during combat operations cannot occur if facilities are not available for training. Without these facilities Soldiers will not be able to perform critical tasks in support of unit operations in an urban combat environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... FEB 2010
- (b) Percent Complete As Of January 2010..... .00
- (c) Date 35% Designed..... SEP 2010
- (d) Date Design Complete..... FEB 2011
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 65166
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Hood

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	82
(b) All Other Design Costs.....	65
(c) Total Design Cost.....	147
(d) Contract.....	82
(e) In-house.....	65

(4) Construction Contract Award..... MAY 2011

(5) Construction Start..... JUL 2011

(6) Construction Completion..... JUL 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Matthew Talaber
Phone Number: 845-938-3415

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
North Carolina	Fort Bragg (IMCOM)				363
44968	Command and Control Facility	53,000	53,000	C	365
53555	Brigade Complex	50,000	50,000	C	370
57317	Battalion Complex	33,000	33,000	C	374
57836	Staging Area Complex	14,600	14,600	N	378
64340	Brigade Complex	25,000	25,000	C	382
64342	Brigade Complex	41,000	41,000	C	386
65204	Company Operations Facilities	12,600	12,600	C	390
67107	Vehicle Maintenance Shop	28,000	28,000	C	393
73930	Student Barracks	18,000	18,000	C	397
73947	Vehicle Maintenance Shop	7,500	7,500	N	400
74987	Dining Facility	11,200	11,200	C	404
75416	Murchison Road Right of Way Acquisition	17,000	17,000	C	407
	Subtotal Fort Bragg Part I	\$ 310,900	310,900		
	* TOTAL MCA FOR North Carolina	\$ 310,900	310,900		

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM					2. DATE 27 JAN 2010				
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.93					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009		6950	40007	5544	451	3690	0	421	1489	11606	70,158
B. END FY 2015		7784	38287	7681	836	4385	1	920	4229	13341	77,464
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		592,384 ha			(1,463,809 AC)						
B. INVENTORY TOTAL AS OF 31 DEC 2008.....									9,381,060		
C. AUTHORIZATION NOT YET IN INVENTORY.....									2,005,144		
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....									310,900		
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....									124,000		
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....									0		
G. REMAINING DEFICIENCY.....									1,887,895		
H. GRAND TOTAL.....									13,708,999		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
141	44968	Command and Control Facility				53,000		09/2008	05/2011		
141	53555	Brigade Complex				50,000		09/2008	10/2010		
141	57317	Battalion Complex				33,000		09/2008	10/2010		
214	57836	Staging Area Complex				14,600		09/2008	10/2010		
141	64340	Brigade Complex				25,000		09/2008	10/2010		
141	64342	Brigade Complex				41,000		09/2008	05/2011		
141	65204	Company Operations Facilities				12,600		09/2008	10/2010		
214	67107	Vehicle Maintenance Shop				28,000		09/2008	10/2010		
214	73947	Vehicle Maintenance Shop				7,500		08/2009	05/2011		
721	73930	Student Barracks				18,000		09/2009	05/2011		
722	74987	Dining Facility				11,200		09/2008	10/2010		
851	75416	Murchison Road Right of Way Acquisition				17,000		07/2008	08/2010		
TOTAL						310,900					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE		PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2012 PROGRAM:											
721		Operation Readiness Training Complex				45,000					
510		Hospital Alteration				59,000					
141		JLENS BTTRY				20,000					
TOTAL						124,000					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A											

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Bragg, North Carolina

10. MISSION OR MAJOR FUNCTIONS:

Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina				4.PROJECT TITLE Command and Control Facility		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 44968		8.PROJECT COST (\$000) Auth 53,000 Approp 53,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						39,013
Command and Control Facility		m2 (SF)	13,293 (143,090)		2,454	(32,619)
Emergency Generators		EA	3 --		1035853	(3,108)
IDS Installation		LS	--		--	(99)
EMCS Connection		LS	--		--	(128)
SDD and EPAct05		LS	--		--	(670)
Total from Continuation page						(2,389)
SUPPORTING FACILITIES						7,184
Electric Service		LS	--		--	(966)
Water, Sewer, Gas		LS	--		--	(945)
Steam And/Or Chilled Water Dist		LS	--		--	(32)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,119)
Storm Drainage		LS	--		--	(1,131)
Site Imp(1,444) Demo(232)		LS	--		--	(1,676)
Information Systems		LS	--		--	(215)
Antiterrorism Measures		LS	--		--	(100)
ESTIMATED CONTRACT COST						46,197
CONTINGENCY (5.00%)						2,310
SUBTOTAL						48,507
SUPV, INSP & OVERHEAD (5.70%)						2,765
DESIGN/BUILD - DESIGN COST						1,940
TOTAL REQUEST						53,212
TOTAL REQUEST (ROUNDED)						53,000
INSTALLED EQT-OTHER APPROP						(2,549)
10.Description of Proposed Construction Construct a standard design command and control headquarters building. The primary facility will include command headquarters, a joint operations center, a sensitive compartmented information facility (SCIF), conference rooms, classroom space, equipment storage, general storage, mechanical and communications rooms, installation of intrusion detection system (IDS) and connection to energy monitoring and control system (EMCS). Supporting facilities include water and sewer service, electric service, paving and walks, fire protection and alarm systems, exterior lighting, storm drainage, erosion control measures, asbestos removal & lead-based paint remediation as part of demolition, information systems, parking and site improvements. Storm water management will be linked to the overall installation system. Heating and air conditioning will be provided by connection with a central energy plant. Antiterrorism/force protection (AT/FP) measures will include resistance to progressive collapse, special windows and doors, and various site measures. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Demolish 1 Building (TOTAL 3,299 m2/35,514 SF). Air Conditioning (Estimated 2,462 kWr/700 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Command and Control Facility	5. PROJECT NUMBER 44968
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(1,003)
Building Information Systems	LS	--	--	(1,386)
			Total	2,389

11. REQ: 13,819 m2 ADQT: NONE SUBSTD: 3,299 m2
PROJECT: Construct a Command and Control Facility at Fort Bragg, NC. (Current Mission)

REQUIREMENT: This project is required to provide a consolidated, safe, healthy and productive work environment for the Soldiers and staff assigned to Headquarters, 82nd Airborne Division. The 82nd Airborne Division requires an adequate permanent headquarters at Fort Bragg, North Carolina to house it's larger staff as part of Army Transformation. A joint operations center located in the headquarters is required to provide space for commanding and controlling subordinate brigade combat teams during global operations. A sensitive compartmented information facility (SCIF) is needed to co-locate with 82nd's intelligence, surveillance, and reconnaissance (ISR) functions. In addition, this project will integrate headquarters functions that are currently located in different facilities at other locations in the Fort Bragg Garrison area. Consolidation will improve operational efficiencies and command and control effectiveness.

CURRENT SITUATION: Currently, command elements of the 82nd Airborne Division headquarters are located in three different buildings at three separate locations. The main facility, Ridgway Hall is a converted NCO Club that was constructed in 1960 and remodeled for use as the 82nd Airborne Division Headquarters in 1980. The building is too small to accommodate the larger staff. The inherent design of the facility does not lend itself for effective use as a division command and control function. Office space is limited with three individuals often occupying space normally assigned to one. The building lacks a joint operations center from which the headquarters can command and control forces conducting combat operations in a theater of operations. Furthermore, the facility has deteriorated over the past 50 years. It has a leaking roof, rusting pipes, and an inadequate HVAC system that does not provide adequate cooling and heating in the summer and winter, respectively. The HVAC system operates so poorly that individual units have been retroactively installed in work spaces. The building's SCIF is too small and not properly configured for the headquarters intelligence, surveillance, and reconnaissance functions. The division's Analysis Control Element (ACE) and Imagery Readiness Facility (IRF) are remotely located in buildings D-1966 and 8-4813, respectively, which reduces the effectiveness of the Division's

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Command and Control Facility	5. PROJECT NUMBER 44968	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>intelligence analysis function. The facility does not meet current building code or Americans with Disabilities Act (ADA) standards. The mechanical system is in a failing condition. Electrical and communications systems are substandard. Physical security and force protection methods are lacking. Portions of the headquarters intelligence element occupy a SCIF constructed in a vehicle maintenance shop while mapping imagery occupies a separate facility in the main post area that was constructed as a horse barn in the 1920s. The division public affairs office occupies yet another building that is a converted barracks, which formerly served as the division headquarters. Existing facilities cannot accommodate an increase in personnel.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the 82nd Airborne Division will continue to command and control its subordinate units from aging, inadequate, and overcrowded buildings. Due to these conditions, which will get worse as the Division transforms, the Division's command and control effectiveness will be compromised. Adequate facilities for conducting and monitoring joint operations will not be available. In addition, properly sized and configured space for analyzing sensitive compartmented information will not be available.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2011</u></p> <p>(d) Date Design Complete..... <u>MAY 2011</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE Command and Control Facility	5.PROJECT NUMBER 44968
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Riley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,029
(b) All Other Design Costs.....	514
(c) Total Design Cost.....	1,543
(d) Contract.....	1,029
(e) In-house.....	514
 (4) Construction Contract Award.....	 JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	MAR 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Command and Control Facility

5. PROJECT NUMBER

44968

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Smart Board	OPA	2011	6
Electronics Podium	OPA	2011	5
Projection Screen	OPA	2011	31
DVD/VHS, Sound/Video	OPA	2011	55
Plasma Monitors	OPA	2011	97
Ceiling Speakers	OPA	2011	8
Video Data Projectors	OPA	2011	26
Video/Audio Control Software	OPA	2011	3
UPS Equipment	OPA	2011	1,500
Info Sys - ISC	OPA	2012	343
Info Sys - PROP	OPA	2012	475
		TOTAL	2,549

Installation Engineer: Gregory Bean

Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 53555	8. PROJECT COST (\$000) Auth 50,000 Approp 50,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					36,040
Company Operations Facilities	m2 (SF)	7,669 (	82,548)	1,817	(13,935)
Covered Hardstand	m2 (SF)	1,298 (	13,968)	684.92	(889)
Brigade Headquarters	m2 (SF)	3,725 (	40,100)	2,087	(7,774)
Battalion HQs w/Classrooms	m2 (SF)	1,682 (	18,100)	2,070	(3,480)
Dining Facility	m2 (SF)	2,462 (	26,500)	3,233	(7,960)
Total from Continuation page					(2,002)
<u>SUPPORTING FACILITIES</u>					9,360
Electric Service	LS	--	--	--	(887)
Water, Sewer, Gas	LS	--	--	--	(401)
Steam And/Or Chilled Water Dist	LS	--	--	--	(808)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(1,847)
Storm Drainage	LS	--	--	--	(1,531)
Site Imp(1,272) Demo(2,090)	LS	--	--	--	(3,362)
Information Systems	LS	--	--	--	(308)
Antiterrorism Measures	LS	--	--	--	(216)
ESTIMATED CONTRACT COST					45,400
CONTINGENCY (5.00%)					<u>2,270</u>
SUBTOTAL					47,670
SUPV, INSP & OVERHEAD (5.70%)					<u>2,717</u>
TOTAL REQUEST					50,387
TOTAL REQUEST (ROUNDED)					50,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct standard design facilities for a Brigade complex. Primary facilities include a Dining Facility (501-800 PN), a Brigade Headquarters building, large Battalion Headquarters Building with classrooms, and six Company Operations Facilities with covered hardstand. Project will include connection to energy monitoring and control systems (EMCS) and installation of Intrusion Detection Systems (IDS). Brigade and Battalion Headquarters will have Secure Internet Protocol Router Network (SIPRNET) installed in critical offices. Supporting facilities include fire protection and alarm systems, paving, parking, walks, curbs and gutters, traffic signage, storm drainage with retention, erosion control, information systems, and site improvements. Demolition includes asbestos removal and lead based paint abatement. Heating and air-conditioning will be provided by central energy plant. Antiterrorism/force protection will be provided by special windows and doors, and site measures. Comprehensive building and furnishings related interior design services are required. Supporting facilities include large amounts of excavation and on-site stormwater detention requirement including underground cisterns. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 11 Buildings (TOTAL 30,016 m2/323,090 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 53555
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(42)
EMCS Connections	LS	--	--	(70)
SDD and EAct05	LS	--	--	(675)
Antiterrorism Measures	LS	--	--	(675)
Building Information Systems	LS	--	--	(540)
			Total	2,002

11. REQ: 433,717 m2 ADQT: 204,264 m2 SUBSTD: 14,641 m2
PROJECT: Construct standard design facilities for a Brigade complex at Fort Bragg, NC. (Current Mission)
REQUIREMENT: Administrative, operational and dining facilities are necessary to replace undersized and substandard buildings. The project will provide facilities that meet current standards for a Brigade Complex to support the 82nd Airborne Division.
CURRENT SITUATION: The 82d Airborne Division is the United States Army's First-Response Division to global conflict and war. The Division is composed of four Brigade Combat Teams that are self-sufficient, independent war-fighting units with the capability of deploying within 18 hours. The existing Company Operations Facilities are small, inefficient, and cannot store a unit's basic equipment load including sensitive equipment. Battalion and Brigade Headquarters are small, dispersed, and lack electronic systems capability to conduct efficient daily business with higher Headquarters. There is no modern dining facility (DFAC) centrally located within easy walking distance of the new barracks (768 spaces), company operations, and battalion headquarters.
IMPACT IF NOT PROVIDED: If this project is not provided, inefficiencies and lack of adequate work environments will adversely affect unit readiness and operations. Overall, this reduces Soldiers productivity that adversely impacts morale, retention, readiness.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the best method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design,

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 53555
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ADDITIONAL: (CONTINUED)
development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bragg

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,020
 - (b) All Other Design Costs..... 510
 - (c) Total Design Cost..... 1,530
 - (d) Contract..... 1,020
 - (e) In-house..... 510

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE Brigade Complex	5.PROJECT NUMBER 53555
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Battalion Complex		
5.PROGRAM ELEMENT 22096A	6.CATEGORY CODE 141	7.PROJECT NUMBER 57317	8.PROJECT COST (\$000) Auth 33,000 Approp 33,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNITCOST	COST (\$000)
<u>PRIMARY FACILITY</u>					23,978
Company Operations Facilities	m2 (SF)	6,594 (	70,974)	1,823	(12,018)
Covered Hardstand	m2 (SF)	1,142 (	12,297)	704.31	(805)
Battalion HQs w/Classrooms	m2 (SF)	1,682 (	18,100)	2,070	(3,480)
New Substation & Feeder	LS	--	--	--	(6,536)
IDS Installation	LS	--	--	--	(29)
Total from Continuation page					(1,110)
<u>SUPPORTING FACILITIES</u>					6,143
Electric Service	LS	--	--	--	(717)
Water, Sewer, Gas	LS	--	--	--	(614)
Steam And/Or Chilled Water Dist	LS	--	--	--	(543)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(1,134)
Storm Drainage	LS	--	--	--	(911)
Site Imp(929) Demo(1,083)	LS	--	--	--	(2,012)
Information Systems	LS	--	--	--	(123)
Antiterrorism Measures	LS	--	--	--	(89)
ESTIMATED CONTRACT COST					30,121
CONTINGENCY (5.00%)					<u>1,506</u>
SUBTOTAL					31,627
SUPV, INSP & OVERHEAD (5.70%)					<u>1,803</u>
TOTAL REQUEST					33,430
TOTAL REQUEST (ROUNDED)					33,000
INSTALLED EQT-OTHER APPROP					()
10.Description of Proposed Construction Construct standard design facilities for a battalion complex. Work includes constructing one company operations building, one quad company operations building, battalion headquarters with classrooms and substation and feeder. Provide connections to energy monitoring and control systems (EMCS), fire alarm, detection, and reporting systems, and include installation of intrusion detection systems (IDS), and force protection measures. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs, and gutters, traffic signage, storm drainage including underground stormwater retention, erosion control measures, information systems, and site improvements. Supporting facilities also include stormwater runoff on-site to include using underground cisterns and bioretention basins. Access for persons with disabilities will be provided in public areas. Heating and air conditioning will be provided by stand-alone systems. Antiterrorism measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Comprehensive building and furnishings related interior design services are required. Demolition includes asbestos and lead based paint abatement. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 6 Buildings (TOTAL 15,176 m2/163,356 SF). Air Conditioning (Estimated					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010		
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina				
4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 57317			
9. COST ESTIMATES (CONTINUED)				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(43)
SDD and EPAct05	LS	--	--	(317)
Antiterrorism Measures	LS	--	--	(317)
Building Information Systems	LS	--	--	(433)
			Total	1,110
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
1,055 kW _r /300 Tons).				
<u>11. REQ:</u> 433,717 m ² ADQT: 204,264 m ² SUBSTD: 14,641 m ²				
<u>PROJECT:</u> Construct standard design facilities for a battalion complex at Fort Bragg, NC. (Current Mission)				
<u>REQUIREMENT:</u> Administrative and operational facilities are required to replace undersized and substandard buildings. The project will provide adequate facilities that meet current standards.				
<u>CURRENT SITUATION:</u> The 82d Airborne Division is the United States Army First-Response Division to global conflict and war. The Division is composed of four brigade combat teams that are self sufficient, independent war-fighting units with the capability of deploying anywhere in the world within 18 hours. The existing company operations facilities are small, inefficient, and cannot store a unit's basic equipment load including sensitive equipment. Battalion Headquarters are small, dispersed, and lack electronic systems capability to conduct efficient daily business with higher Headquarters.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, inefficiencies in existing battalion headquarters and company operation facilities and lack of adequate work environments will adversely affect unit readiness and operations. This, in turn, will result in a reduction in the Soldiers' productivity and impact morale and retention.				
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance				

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 57317	
<p>ADDITIONAL: (CONTINUED)</p> <p>with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status: (a) Date Design Started..... SEP 2008 (b) Percent Complete As Of January 2010..... 15.00 (c) Date 35% Designed..... MAR 2010 (d) Date Design Complete..... OCT 2010 (e) Parametric Cost Estimating Used to Develop Costs YES (f) Type of Design Contract: Adapt-Build		
(2) Basis:		
(a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications..... 662 (b) All Other Design Costs..... 497 (c) Total Design Cost..... 1,159 (d) Contract..... 662 (e) In-house..... 497		
(4) Construction Contract Award..... JAN 2011		
(5) Construction Start..... MAR 2011		
(6) Construction Completion..... MAR 2013		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010								
3.INSTALLATION AND LOCATION Fort Bragg, North Carolina										
4.PROJECT TITLE Battalion Complex	5.PROJECT NUMBER 57317									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="0"> <thead> <tr> <th data-bbox="289 625 483 688"><u>Equipment</u> <u>Nomenclature</u></th> <th data-bbox="768 625 979 688"><u>Procuring</u> <u>Appropriation</u></th> <th data-bbox="1166 594 1360 688"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th data-bbox="1401 625 1498 688"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="849 720 881 751" style="text-align: center;">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
<p>Installation Engineer: Gregory G. Bean Phone Number: 910-396-4009</p>										

1. COMPONENT ARMY	FY 2011	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION Fort Bragg North Carolina	4. PROJECT TITLE Staging Area Complex
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5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 214	7. PROJECT NUMBER 57836	8. PROJECT COST (\$000) Auth 14,600 Approp 14,600
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				7,540
Operations & Maintenance Bldg	m2 (SF)	1,672 (18,000)	2,121	(3,548)
Pavilion (Assembly Shelter)	m2 (SF)	222.97 (2,400)	799.10	(178)
Sentry Booth	EA	4 --	71,969	(288)
Canopy	m2 (SF)	650.32 (7,000)	415.92	(270)
Staging Area	m2 (SY)	42,735 (51,111)	63.10	(2,697)
Total from Continuation page				(559)
<u>SUPPORTING FACILITIES</u>				5,645
Electric Service	LS	--	--	(1,166)
Water, Sewer, Gas	LS	--	--	(428)
Paving, Walks, Curbs & Gutters	LS	--	--	(117)
Storm Drainage	LS	--	--	(513)
Site Imp(3,259) Demo()	LS	--	--	(3,259)
Information Systems	LS	--	--	(25)
Antiterrorism Measures	LS	--	--	(137)

ESTIMATED CONTRACT COST	13,185
CONTINGENCY (5.00%)	659
SUBTOTAL	13,844
SUPV, INSP & OVERHEAD (5.70%)	789
TOTAL REQUEST	14,633
TOTAL REQUEST (ROUNDED)	14,600
INSTALLED EQT-OTHER APPROP	()

10. Description of Proposed Construction Construct a staging area complex. Provide all-weather tracked & wheeled vehicle assembly areas with adjacent inspection and marshalling areas. Primary facilities include an operations and maintenance facility, assembly shelters, sentry booths, scale house with vehicle scales, canopy, staging area, Antiterrorism/Force Protection (AT/FP) measures, connections to the Energy Monitoring and Control System (EMCS) and building information systems. Supporting facilities include electric service, lighting, landscaping, storm drainage, Antiterrorism/Force Protection (AT/FP) measures, security fencing, lightning protection, information systems, and other site improvements. Access for persons with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 176 kW/50 Tons).

11. REQ: 170,490 m2 ADQT: 113,336 m2 SUBSTD: 16,864 m2
PROJECT: Construct a staging area complex for the Central Loadout Area Control Center (CLACC) at Fort Bragg, NC. (New Mission)
REQUIREMENT: The CLACC and access roads leading to the Corps Marshalling Area (CMA railhead) and the Arrival/Departure Airfield Control Group (A/DACG) staging complex (aerial port) are essential to efficient operations. Units

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Staging Area Complex	5. PROJECT NUMBER 57836
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Scale House w/Vehicle Scales	EA	1 --	268,662	(269)
EMCS Connection	LS	--	--	(19)
SDD and EPAct05	LS	--	--	(73)
Antiterrorism Measures	LS	--	--	(73)
Building Information Systems	LS	--	--	(125)
			Total	559

REQUIREMENT: (CONTINUED)

preparing for movement by rail or air are required to undergo an extensive equipment cleaning process prior to loading for shipment. Vehicles marshalled in the CLACC are required to be clean in order to be inspected for hazardous material leaks, mechanical deficiencies, and serviceability prior to movement for shipment. Travel on deteriorated access roads by clean vehicles results in dust/mud buildup. This buildup must be removed again at the assembly area before departure. This process is a drain on scarce manpower needed for other duties prior to departure. Vehicles are required to be uploaded with ammunition prior to deployment.

CURRENT SITUATION: The CLACC is used by the XVIII Airborne Corps and tenant units as an assembly area for the majority of unit movements, overseas deployments, and to training centers. The existing condition of the area creates many operational problems for assembled units. During inclement weather the existing CLACC area becomes a quagmire. This condition presents hardships on crews to maintain their equipment and prepare it for shipment. Service vehicles are also challenged to provide support to deploying vehicles under these conditions. During dry weather, the area is swept with blowing dirt and baked by extreme summer temperatures. Vehicles prepared for rail or air shipment must arrive at the departure point free of all dirt and grime. Tactical vehicles moving to the A/DACG staging complex (aerial port) and the CMA (railhead) use unimproved access roads, or are transported on Heavy Expanded Transport (HETS) and Heavy Expanded Mobility Tactical Trucks (HEMTTS). Vehicles using the access roads arrive at the assembly area covered with dirt during dry weather and mud during inclement weather. This condition requires additional heavy cleaning prior to acceptance for loading onto the carrier.

IMPACT IF NOT PROVIDED: If this project is not provided, additional time and manpower will continue to be required for deployment preparation, resulting in difficulty in meeting deployment mission requirements. Additional cleaning of vehicles will be required at loading site to meet transportation requirements for shipment.

ADDITIONAL: This project has been coordinated with the installation physical

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Staging Area Complex	5. PROJECT NUMBER 57836
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ADDITIONAL: (CONTINUED)
security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 735
 - (b) All Other Design Costs..... 588
 - (c) Total Design Cost..... 1,323
 - (d) Contract..... 735
 - (e) In-house..... 588
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... OCT 2011
 - (6) Construction Completion..... APR 2013

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE Staging Area Complex	5.PROJECT NUMBER 57836
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Mr. Gregory G, Bean
Phone Number: (910) 396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 64340	8. PROJECT COST (\$000) Auth 25,000 Approp 25,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					19,287
Brigade Headquarters Addition		m2 (SF)	2,890 (31,105)	2,257	(6,521)
Battalion HQs w/Classrooms		m2 (SF)	3,205 (34,500)	2,169	(6,950)
Company Operations Facilities		m2 (SF)	1,601 (17,230)	2,083	(3,335)
Covered Hardstand		m2 (SF)	277.32 (2,985)	796.30	(221)
Reloc. Physical Training Field		m2 (SF)	1,003 (10,800)	168.78	(169)
Total from Continuation page					(2,091)
<u>SUPPORTING FACILITIES</u>					3,682
Electric Service		LS	--	--	(487)
Water, Sewer, Gas		LS	--	--	(266)
Steam And/Or Chilled Water Dist		LS	--	--	(357)
Paving, Walks, Curbs & Gutters		LS	--	--	(493)
Storm Drainage		LS	--	--	(478)
Site Imp(891) Demo(154)		LS	--	--	(1,045)
Information Systems		LS	--	--	(516)
Antiterrorism Measures		LS	--	--	(40)
ESTIMATED CONTRACT COST					22,969
CONTINGENCY (5.00%)					<u>1,148</u>
SUBTOTAL					24,117
SUPV, INSP & OVERHEAD (5.70%)					<u>1,375</u>
TOTAL REQUEST					25,492
TOTAL REQUEST (ROUNDED)					25,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct facilities needed to transform the 1st Brigade into a Modular Force Brigade Combat Team. Work includes constructing standard design company operations facilities (COFs) with covered hardstand, battalion headquarters with classrooms, and an addition to the brigade headquarters (to include a Sensitive Compartmented Information Facility (SCIF), and relocation of a physical training area. Provide connection to energy monitoring and control systems (EMCS), fire alarm, detection and reporting systems, installation of intrusion detection systems (IDS), and force protection measures. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs and gutters, traffic signage, storm drainage including underground storm water retention, erosion control measures, information systems, landscaping, and site improvements. Demolition includes asbestos/lead-based paint removal. Heating and air conditioning will be provided by a central plant. Antiterrorism/force protection measures will be incorporated including maximum feasible standoff distances from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access where standoff distances cannot be met. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010		
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina				
4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 64340			
9. COST ESTIMATES (CONTINUED)				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(60)
EMCS Connections	LS	--	--	(60)
SDD and EPAct05	LS	--	--	(345)
Antiterrorism Measures	LS	--	--	(345)
Building Information Systems	LS	--	--	<u>(1,281)</u>
Total				2,091
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
Access for persons with disabilities will be provided. Demolish 3 Buildings (TOTAL 1,505 m2/16,198 SF). Air Conditioning (Estimated 971 kW _r /276 Tons).				
<u>11. REQ:</u> 433,717 m2 <u>ADQT:</u> 204,264 m2 <u>SUBSTD:</u> 14,641 m2				
<u>PROJECT:</u> Construct standard design facilities for a brigade combat team complex at Fort Bragg, NC. (Current Mission)				
<u>REQUIREMENT:</u> This project is required to round out facility deficiencies attributed to creation of the 1st Brigade Combat Team at Fort Bragg. As part of the Army's directive to Fort Bragg to support the stationing of a brigade combat team as part of the Army Modular Force initiative, the 1st BCT was assigned to facilities designed and constructed to support stand-alone battalions. This project is required to provide administrative and operational support facilities for the 82d Airborne Division 1st BCT that comply with current Army standards for space, security, storage, and privacy. Project will provide additional battalion and company administrative facilities that are necessary to augment existing company operations buildings. As the 1st Brigade transforms into a brigade combat team, additional company operations facilities, battalion and brigade headquarters are needed to accommodate the new BCT structure. This project is required to right-size the 1st Brigade Barracks Complex so it can accommodate the new 1st Brigade Combat Team.				
<u>CURRENT SITUATION:</u> Adequate existing facilities are not available to support this stationing action. To accommodate the new Modular Force brigade combat team structure, additional facilities are needed. There are no other adequate facilities on Fort Bragg that are available to serve as company operations, battalion headquarters or brigade headquarters for the remainder of the 1st Brigade Combat Team's deficit of facilities. This project provides essential permanent administrative and working facilities to support a brigade combat team at Fort Bragg, NC.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the 1st Brigade Combat Team will not have the facilities needed to allow the unit to properly transform to its new Army Modular Force structure at Fort Bragg, NC.				
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical				

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 64340
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ADDITIONAL: (CONTINUED)
security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bragg

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 486
 - (b) All Other Design Costs..... 364
 - (c) Total Design Cost..... 850
 - (d) Contract..... 486
 - (e) In-house..... 364

 - (4) Construction Contract Award..... JAN 2011

 - (5) Construction Start..... MAR 2011

 - (6) Construction Completion..... MAR 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Brigade Complex

5. PROJECT NUMBER

64340

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 64342	8. PROJECT COST (\$000) Auth 41,000 Approp 41,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					29,298
Brigade HQs Addition/Conversion		m2 (SF)	3,725 (40,100)	2,316	(8,629)
In-Processing Facility		m2 (SF)	1,324 (14,256)	2,113	(2,798)
Vehicle Maintenance Shop		m2 (SF)	3,279 (35,290)	2,151	(7,051)
Oil Storage Building		m2 (SF)	55.74 (600)	1,178	(66)
Hazardous Waste Storage		m2 (SF)	55.74 (600)	1,178	(66)
Total from Continuation page					(10,688)
<u>SUPPORTING FACILITIES</u>					6,645
Electric Service		LS	--	--	(1,377)
Water, Sewer, Gas		LS	--	--	(414)
Steam And/Or Chilled Water Dist		LS	--	--	(540)
Paving, Walks, Curbs & Gutters		LS	--	--	(769)
Storm Drainage		LS	--	--	(1,273)
Site Imp(1,511) Demo(271)		LS	--	--	(1,782)
Information Systems		LS	--	--	(335)
Antiterrorism Measures		LS	--	--	(155)
ESTIMATED CONTRACT COST					35,943
CONTINGENCY (5.00%)					<u>1,797</u>
SUBTOTAL					37,740
SUPV, INSP & OVERHEAD (5.70%)					2,151
DESIGN/BUILD - DESIGN COST					<u>1,510</u>
TOTAL REQUEST					41,401
TOTAL REQUEST (ROUNDED)					41,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Convert an existing building to brigade headquarters and construct addition, to include Sensitive Compartmented Information Facility (SCIF); construct a replacement in-processing facility; construct a standard design vehicle maintenance shop (VMS) with oil storage, hazardous waste storage, open storage and organizational vehicle parking, and organizational storage buildings including a distribution company storage building; widen Spooner Street, and construct an unmanned aerial vehicle (UAV) storage building. Provide fire protection, detection, and alarm systems; connections with the energy monitoring and control system (EMCS); antiterrorism (AT) measures; installation of intrusion detection systems (IDS); and building information systems. Supporting facilities include electric, security lighting, water, sewer and natural gas utilities; fire protection; paving, parking, service roads, walks, curbs and gutters; fencing; storm drainage with storm water retention; information systems; antiterrorism protective measures; lightning protection systems; landscaping, and signage. Heating and cooling will be provided from a combination of central plants and stand-alone systems. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 64342
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Storage	m2 (SF)	4,088 (44,000)	1,101	(4,499)
Open Storage	m2 (SY)	372.08 (445)	65.55	(24)
UAV Storage	m2 (SF)	836.13 (9,000)	1,220	(1,020)
Organizational Vehicle Parking	m2 (SY)	30,446 (36,413)	93.24	(2,839)
Widen Spooner Street	m2 (SY)	9,365 (11,200)	91.11	(853)
IDS Installation	LS	--	--	(31)
EMCS Connections	LS	--	--	(43)
SDD and EPAct05	LS	--	--	(358)
Antiterrorism Measures	LS	--	--	(358)
Building Information Systems	LS	--	--	(663)
Total				10,688

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Policy Act of 2005 (EPAct05) features will be included. Demolish 10 Buildings (TOTAL 3,075 m2/33,100 SF). Air Conditioning (Estimated 879 kW/250 Tons).

11. REQ: 52,101 m2 ADQT: 37,964 m2 SUBSTD: 4,263 m2

PROJECT: Construct standard facilities for a brigade complex at Fort Bragg, NC. (Current Mission)

REQUIREMENT: This project is required to round out facility deficiencies attributed to creation of the 3d Brigade Combat Team at Fort Bragg. As part of the Army's directive to reorganize under the Army Modular Force initiative, the 3d BCT requires operational and maintenance facilities to support its mission.

CURRENT SITUATION: Currently, the 3d BCT occupies barracks and maintenance facility complexes that were constructed to support a pre-modularity force structure. Consequently, these complexes do not provide a full complement of essential facilities necessary to support the brigade modularity concept. These complexes lack a brigade headquarters, a tactical equipment maintenance facility for the brigade support battalion, unmanned aerial vehicle storage/maintenance, and adequate organizational storage. Moreover, there are no other adequate facilities on Fort Bragg that are available to serve these functions. All existing facilities suitable for use under these facility categories are fully utilized. This project provides essential permanent administrative and working facilities to support a brigade combat team at Fort Bragg, NC.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to work in substandard temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies. These conditions will adversely impact morale, retention, and unit readiness

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 64342
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IMPACT IF NOT PROVIDED: (CONTINUED)

impacting mission performance.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 969
- (b) All Other Design Costs..... 581
- (c) Total Design Cost..... 1,550
- (d) Contract..... 969
- (e) In-house..... 581

(4) Construction Contract Award..... FEB 2011

(5) Construction Start..... APR 2011

(6) Construction Completion..... APR 2013

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Bragg, North Carolina

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 64342
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>
NA			

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Company Operations Facilities		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 65204	8. PROJECT COST (\$000) Auth 12,600 Approp 12,600		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					9,703
Company Operations Facilities	m2 (SF)	4,731	(50,923)	1,747	(8,267)
Covered Hardstand	m2 (SF)	804.08	(8,655)	660.79	(531)
IDS Installation	LS	--	--	--	(25)
EMCS Connection	LS	--	--	--	(31)
SDD and EPAct05	LS	--	--	--	(170)
Total from Continuation page					(679)
<u>SUPPORTING FACILITIES</u>					1,732
Electric Service	LS	--	--	--	(403)
Water, Sewer, Gas	LS	--	--	--	(344)
Steam And/Or Chilled Water Dist	LS	--	--	--	(257)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(188)
Storm Drainage	LS	--	--	--	(158)
Site Imp(249) Demo()	LS	--	--	--	(249)
Information Systems	LS	--	--	--	(97)
Antiterrorism Measures	LS	--	--	--	(36)
ESTIMATED CONTRACT COST					11,435
CONTINGENCY (5.00%)					572
SUBTOTAL					12,007
SUPV, INSP & OVERHEAD (5.70%)					684
TOTAL REQUEST					12,691
TOTAL REQUEST (ROUNDED)					12,600
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct facilities to roundout requirements for the Fires Brigade complex to include four standard design, company operation facilities and covered hardstand. Facilities will include building information systems, connection to energy monitoring and control systems (EMCS), mass notification systems and installation of intrusion detection systems (IDS). Supporting facilities will include water, sewer, and electrical utilities, storm water drainage and retention, fire protection and alarm system, security lighting, fencing and gates, parking, paving, sidewalks, curbs and gutters, information systems, force protection measures, site improvements and landscaping. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 457 kW/130 Tons).					
11. REQ: 433,717 m2 ADQT: 204,264 m2 SUBSTD: 14,641 m2 PROJECT: Construct standard design company operations facilities at Fort Bragg, NC (Current Mission).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 65204
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(170)
Building Information Systems	LS	--	--	(509)
			Total	679

REQUIREMENT: This project is required by the Army's Modular Force Transformation to convert the 18th Field Artillery (FA) Brigade (Bde) to a Fires Brigade.

CURRENT SITUATION: Facilities for newly activating units of the Fires Brigade will initially be provided by using existing buildings assigned to the 18th FA Bde when it transforms to the modular configuration of a Fires Brigade. Inherent in the brigade's transformation is the addition of 485 personnel, 6 company-sized units and one battalion that increases by 65 percent beyond its current size. This growth cannot be accommodated within existing facilities.

IMPACT IF NOT PROVIDED: If this project is not provided the Fires Brigade will not have the facilities needed to allow the unit to properly transform to its new modular structure. Support to the firing battalions of the brigade will be compromised if facilities are not provided to the new forward support companies of the brigade.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 65204
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 316
- (b) All Other Design Costs..... 190
- (c) Total Design Cost..... 506
- (d) Contract..... 316
- (e) In-house..... 190

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Gregory G. Bean
Phone Number: 910.396.4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 67107		8. PROJECT COST (\$000) Auth 28,000 Approp 28,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						20,686
Vehicle Maintenance Shop		m2 (SF)	5,298 (57,031)		2,124	(11,252)
Sentry Station		m2 (SF)	26.01 (280)		4,100	(107)
Oil Storage Building		m2 (SF)	72.46 (780)		1,071	(78)
Hazardous Waste Storage		m2 (SF)	72.46 (780)		1,071	(78)
Organizational Storage		m2 (SF)	552.77 (5,950)		878.98	(486)
Total from Continuation page						(8,685)
<u>SUPPORTING FACILITIES</u>						4,978
Electric Service		LS	--		--	(700)
Water, Sewer, Gas		LS	--		--	(560)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,408)
Storm Drainage		LS	--		--	(295)
Site Imp(1,642) Demo()		LS	--		--	(1,642)
Information Systems		LS	--		--	(275)
Antiterrorism Measures		LS	--		--	(98)
ESTIMATED CONTRACT COST						25,664
CONTINGENCY (5.00%)						<u>1,283</u>
SUBTOTAL						26,947
SUPV, INSP & OVERHEAD (5.70%)						<u>1,536</u>
TOTAL REQUEST						28,483
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design vehicle maintenance shop. The complex will include: vehicle maintenance facilities, organizational storage, organizational vehicle parking, sentry station, oil storage, hazardous waste storage, general purpose storage facility, storage shed, and hardstand. The facility will include connection to energy monitoring and control systems (EMCS), and installation of Intrusion Detection System (IDS). Supporting facilities will include water, sewer, and electrical utilities, storm water drainage and retention, sewer lift station and forced main, fire protection and alarm system, security lighting, fencing and gates, parking, paving, sidewalks, curbs and gutters, information systems, force protection measures, site improvements and landscaping. Primary facilities also include information systems and physical security measures. Anti-terrorism/force protection measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 352 kWr/100 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 67107
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking	m2 (SF)	39,205 (422,001)	88.13	(3,455)
Storage Facility	m2 (SF)	1,918 (20,640)	1,152	(2,209)
Storage Shed	m2 (SF)	668.90 (7,200)	436.91	(292)
Hardstand	m2 (SF)	22,343 (240,498)	88.14	(1,969)
IDS Installation	LS	--	--	(26)
EMCS Connections	LS	--	--	(32)
SDD and EPAct05	LS	--	--	(271)
Antiterrorism Measures	LS	--	--	(271)
Building Information Systems	LS	--	--	(160)
			Total	8,685

11. REQ: 170,481 m2 ADQT: 113,336 m2 SUBSTD: 17,348 m2

PROJECT: Construct a standard design vehicle maintenance shop at Fort Bragg, NC. (Current Mission)

REQUIREMENT: This project is required to provide adequate vehicle maintenance facilities, organizational storage, and organizational parking. There are no available facilities at Fort Bragg for the assigned units to occupy. This facility is required to enhance Fort Bragg's readiness posture and ensure a smooth and rapid deployment.

CURRENT SITUATION: There are no existing facilities available on the installation for this requirement. This project provides essential maintenance facilities to support Echelons Above Brigade (EAB) level units at Fort Bragg, NC.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to support the permanent stationing of this unit at Fort Bragg. Failure to provide this project will mean that the security and protection of personnel, equipment and deployment capabilities will continue to be impacted.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 67107	
ADDITIONAL: (CONTINUED) Executive Orders.		
12. SUPPLEMENTAL DATA: A. Estimated Design Data: (1) Status: (a) Date Design Started..... <u>SEP 2008</u> (b) Percent Complete As Of January 2010..... <u>15.00</u> (c) Date 35% Designed..... <u>MAR 2010</u> (d) Date Design Complete..... <u>OCT 2010</u> (e) Parametric Cost Estimating Used to Develop Costs <u>YES</u> (f) Type of Design Contract: Adapt-Build (g) An energy study and life cycle cost analysis will be documented during the final design. (2) Basis: (a) Standard or Definitive Design: YES (b) Where Most Recently Used: Fort Bragg (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... <u>541</u> (b) All Other Design Costs..... <u>406</u> (c) Total Design Cost..... <u>947</u> (d) Contract..... <u>541</u> (e) In-house..... <u>406</u> (4) Construction Contract Award..... <u>JAN 2011</u> (5) Construction Start..... <u>MAR 2011</u> (6) Construction Completion..... <u>SEP 2012</u>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE Vehicle Maintenance Shop	5.PROJECT NUMBER 67107
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Student Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 73930		8. PROJECT COST (\$000) Auth 18,000 Approp 18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,911
Student Barracks		m2 (SF)	6,488 (69,840)		1,997	(12,957)
EMCS Connection		LS	--		--	(68)
SDD and EPAct05		LS	--		--	(259)
Antiterrorism Measures		LS	--		--	(388)
Building Information Systems		LS	--		--	(239)
<u>SUPPORTING FACILITIES</u>						1,861
Electric Service		LS	--		--	(461)
Water, Sewer, Gas		LS	--		--	(117)
Steam And/Or Chilled Water Dist		LS	--		--	(100)
Paving, Walks, Curbs & Gutters		LS	--		--	(68)
Storm Drainage		LS	--		--	(145)
Site Imp(749) Demo()		LS	--		--	(749)
Information Systems		LS	--		--	(185)
Antiterrorism Measures		LS	--		--	(36)
ESTIMATED CONTRACT COST						15,772
CONTINGENCY (5.00%)						789
SUBTOTAL						16,561
SUPV, INSP & OVERHEAD (5.70%)						944
DESIGN/BUILD - DESIGN COST						662
TOTAL REQUEST						18,167
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a student barracks. Project includes standard design student barracks, Energy Monitoring and Control System (EMCS) connections, antiterrorism measures and building information systems. Supporting facilities include utilities, electric service, steam and chilled water distribution; paving, parking, walks, curbs and gutters; storm drainage; information systems; site improvements, and fire alarm and detection systems. Heating and air-conditioning will be provided by connection to an existing central energy plant. Anti-terrorism (AT) measures will be provided by structural reinforcement, special windows and doors, and site measures. AT will include mass notification systems. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 703 kW/200 Tons).						
11. REQ:		1,491 PN	ADQT: 720 PN		SUBSTD:	329 PN
PROJECT: Construct a student barracks at Fort Bragg, NC. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Student Barracks	5. PROJECT NUMBER 73930
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REQUIREMENT: This project is required to provide student barracks that meet current standards for Soldiers while they are undergoing Special Forces Qualification Course (SFQC) and advanced special operations training. The maximum and intended utilization is 180 Soldiers.

CURRENT SITUATION: Special Forces Soldiers are currently housed in barracks that were constructed in 1958, are severely deteriorated, have gang latrines, lack centrally monitored fire detection and alarm systems and contain inadequate Soldier support facilities. Because of the shortage of barracks spaces, Soldiers are also housed off-post using certificates of non-availability (CNAs). Existing conditions do not promote Soldier morale, quality of life or training effectiveness and efficiency.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard and deteriorated barracks and/or off-post. It is critical that these Soldiers are housed in barracks as the Army has invested heavily in their recruitment, airborne training, special forces selection, assessment and language training. Special Forces Soldiers are one of the most critical shortfalls within the Department of Defense. Quality barracks are required to support the training and qualification of these Soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Bragg, North Carolina

4. PROJECT TITLE Student Barracks	5. PROJECT NUMBER 73930
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	600
(b) All Other Design Costs.....	429
(c) Total Design Cost.....	1,029
(d) Contract.....	600
(e) In-house.....	429
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	FEB 2011
(6) Construction Completion.....	AUG 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 214	7. PROJECT NUMBER 73947	8. PROJECT COST (\$000) Auth 7,500 Approp 7,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,599
Vehicle Maintenance Shop		m2 (SF)	1,672 (18,000)	2,331	(3,899)
Organizational Storage		m2 (SF)	487.74 (5,250)	954.22	(465)
Oil Storage Building		m2 (SF)	27.87 (300)	1,187	(33)
Hazardous Material Storage		m2 (SF)	27.87 (300)	1,187	(33)
Organizational Vehicle Parking		m2 (SY)	11,902 (14,235)	77.74	(925)
Total from Continuation page					(244)
<u>SUPPORTING FACILITIES</u>					1,201
Electric Service		LS	--	--	(296)
Water, Sewer, Gas		LS	--	--	(237)
Paving, Walks, Curbs & Gutters		LS	--	--	(47)
Storm Drainage		LS	--	--	(65)
Site Imp(427) Demo(63)		LS	--	--	(490)
Information Systems		LS	--	--	(40)
Antiterrorism Measures		LS	--	--	(26)
ESTIMATED CONTRACT COST					6,800
CONTINGENCY (5.00%)					<u>340</u>
SUBTOTAL					7,140
SUPV, INSP & OVERHEAD (5.70%)					<u>407</u>
TOTAL REQUEST					7,547
TOTAL REQUEST (ROUNDED)					7,500
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Vehicle Maintenance Shop. Project includes one small vehicle maintenance facility, tactical/organizational vehicle parking, organizational storage, oil storage, hazardous waste storage, information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, Energy Monitoring Control Systems (EMCS) connection and antiterrorism measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development, removal of asphalt paving and footings, concrete curbs and ramps, security fencing and site lighting, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by a self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 1 Building (TOTAL 581 m2/6,250 SF). Air Conditioning (Estimated 53 kW/15 Tons).					
11. REQ: 170,481 m2		ADQT: 113,336 m2		SUBSTD: 17,348 m2	
PROJECT: Construct a standard design Vehicle Maintenance Shop at Fort Bragg,					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Bragg, North Carolina

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 73947
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(24)
EMCS Connection	LS	--	--	(19)
SDD and EPAct05	LS	--	--	(78)
Antiterrorism Measures	LS	--	--	(78)
Building Information Systems	LS	--	--	(45)
			Total	244

PROJECT: (CONTINUED)

NC. (New Mission).

REQUIREMENT: This project is required to support the transformation of units as part of the Army modular force initiative. Modern maintenance facilities are required to perform two level maintenance on the unit's wheeled vehicles, small arms and Communications Security (COMSEC) equipment and to provide storage space for unit deployment equipment.

CURRENT SITUATION: Adequate existing facilities are not available to support the transformation of supported units. Existing facilities under these category codes are fully utilized. Currently, supported units work out of undersized, inadequate facilities. The existing facility lacks all of the required standard design elements to effectively support the unit's maintenance program. Furthermore, the existing site is not paved and does not provide the required organizational or deployment storage.

IMPACT IF NOT PROVIDED: If this project is not provided, supported units will continue to work out of a semi-permanent facility that only provides a third of the required vehicle maintenance facility space. A significant portion of the maintenance load will continue to be performed in temporary or semi-permanent structures that are not centrally located within the unit footprint. These facilities lack the required number/size of maintenance bays and supporting overhead lift capability. Unit readiness will be impacted due to excessive requirements for moving equipment from one location to another and the associated overhead of maintaining control of these operations.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
3.INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4.PROJECT TITLE Vehicle Maintenance Shop	5.PROJECT NUMBER 73947	
ADDITIONAL: (CONTINUED)		
into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>AUG 2009</u>
(b) Percent Complete As Of January 2010.....		<u>15.00</u>
(c) Date 35% Designed.....		<u>JAN 2011</u>
(d) Date Design Complete.....		<u>MAY 2011</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Adapt-Build		
(g) An energy study and life cycle cost analysis will be documented during the final design.		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used: Fort Bragg		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>215</u>
(b) All Other Design Costs.....		<u>143</u>
(c) Total Design Cost.....		<u>358</u>
(d) Contract.....		<u>215</u>
(e) In-house.....		<u>143</u>
(4) Construction Contract Award.....		
		<u>JAN 2011</u>
(5) Construction Start.....		
		<u>MAR 2011</u>
(6) Construction Completion.....		
		<u>SEP 2012</u>

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE Vehicle Maintenance Shop	5.PROJECT NUMBER 73947
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Dining Facility		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 722	7. PROJECT NUMBER 74987	8. PROJECT COST (\$000) Auth 11,200 Approp 11,200		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,334
Dining Facility		m2 (SF)	2,462 (26,500)	3,224	(7,937)
EMCS Connection		LS	--	--	(30)
SDD and EPAct05		LS	--	--	(159)
Antiterrorism Measures		LS	--	--	(159)
Building Information Systems		LS	--	--	(49)
<u>SUPPORTING FACILITIES</u>					1,826
Electric Service		LS	--	--	(317)
Water, Sewer, Gas		LS	--	--	(134)
Paving, Walks, Curbs & Gutters		LS	--	--	(554)
Storm Drainage		LS	--	--	(343)
Site Imp(399) Demo()		LS	--	--	(399)
Information Systems		LS	--	--	(39)
Antiterrorism Measures		LS	--	--	(40)
ESTIMATED CONTRACT COST					10,160
CONTINGENCY (5.00%)					508
SUBTOTAL					10,668
SUPV, INSP & OVERHEAD (5.70%)					608
TOTAL REQUEST					11,276
TOTAL REQUEST (ROUNDED)					11,200
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design, 1300 PN Dining Facility. Primary facility will provide kitchen, food preparation, food storage areas, administrative office space and dining area for Soldiers. Connect to the installation energy monitoring and control system (EMCS). Provide building information systems. Supporting facilities will include connection to utilities; security lighting; fire protection; storm sewer system and retention structures; striping, paving, parking, curbs and gutters, sidewalks; site preparation, erosion control, landscaping; fencing and signage. Access for individuals with disabilities will be provided. Provide Anti-terrorism (AT) measures to include necessary set backs from adjacent buildings, roads and parking and fencing. Comprehensive building and furnishings related interior design services are required. Heating and cooling will be provided by self-contained units. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 1,055 kW/300 Tons).					
11. REQ: 52,223 m2		ADQT: 29,412 m2		SUBSTD: 654 m2	
PROJECT: Construct a standard design dining facility at Fort Bragg, NC. (Current Mission)					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Bragg, North Carolina

4. PROJECT TITLE Dining Facility	5. PROJECT NUMBER 74987
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REQUIREMENT: This project is required to provide a two-battalion dining facility. This project provides essential facilities to support echelons above brigade (EAB) level units being stationed at Fort Bragg.

CURRENT SITUATION: There are no existing dining facilities available on the installation that can support the stationing action for the supported units. The nearest dining facility to the supported units facilities is more than 5 miles away.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to provide adequate dining facilities to support the stationing of an Air Defense Artillery brigade at Fort Bragg.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>SEP 2008</u>
(b) Percent Complete As Of January 2010.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>MAR 2010</u>
(d) Date Design Complete.....	<u>OCT 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract:	Adapt-Build
(2) Basis:	
(a) Standard or Definitive Design:	YES
(b) Where Most Recently Used:	Fort Bragg
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>286</u>
(b) All Other Design Costs.....	<u>171</u>
(c) Total Design Cost.....	<u>457</u>
(d) Contract.....	<u>286</u>
(e) In-house.....	<u>171</u>

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Dining Facility	5. PROJECT NUMBER 74987
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Murchison Road Right of Way Acquisition			
5.PROGRAM ELEMENT 22096A	6.CATEGORY CODE 851	7.PROJECT NUMBER 75416		8.PROJECT COST (\$000) Auth 17,000 Approp 17,000		
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						17,000
Roads, Surfaced		km (MI)	4.02 (2.50)		4228856	(17,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						17,000
CONTINGENCY (.00 %)						0
SUBTOTAL						17,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						17,000
TOTAL REQUEST (ROUNDED)						17,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction This is for the acquisition of right-of-way to clear for the construction of Phase 2 of a 2 phase project that will complete the final 2.5 miles of the Murchison Road project to allow the closure of Bragg Boulevard to civilian traffic. Phase 1, PN 61539 was appropriated in FY09 for \$21.8M to construct the first 1.5 miles of an approximately 4 mile project. The right-of-way will prepare for the construction of the phase 2 portion of the project: this is the Federal Government share of the cost of relocating highways severed by expansion or construction of new Army facilities. Funds provided will be transferred to the Federal Highway Administration of the Department of Transportation, which is responsible under Title 23 USC 210 for assuring proper execution of the work. Phase 3, PN 67711 (FY 12) is a project to widen approximately 2.5 miles of the 4 miles of Murchison Road from 4-lanes to 6-lanes to accommodate traffic redirected due to the closure of Bragg Boulevard. that is needed for Antiterrorism and Force Protection (AT/FP). The 2nd Phase is for the Army's share of approximately 2.5 miles of 6 laning Murchison Road from the Honeycutt Road past Butner Road tying into Spring Lake (including the Randolph Street interchange).						
11. REQ:		NA	ADQT:	NA	SUBSTD:	NA
PROJECT: To provide the Army Defense Access Road Program share for						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Murchison Road Right of Way Acquisition	5. PROJECT NUMBER 75416
---	--------------------------------

PROJECT: (CONTINUED)

right-of-way acquisition of Murchison Road at Fort Bragg, NC. (Current Mission)

REQUIREMENT: Fort Bragg Boulevard is a 4-lane public highway that traverses through the eastern portion of Fort Bragg in a north-south direction. It is necessary to close Fort Bragg Boulevard to non-DOD traffic for AT/FP. The non-DOD traffic currently using Fort Bragg Boulevard will be redirected to Murchison Road. The redirected traffic will require the widening of Murchison Road from 4 to 6-lanes, with interchanges at Randolph Street and Honeycutt Road. Additionally, the Murchison Road improvements will require the closing of the existing entrance to an elementary school. Road improvements are required to provide an alternate entrance at Randolph Street. This is part of the Army share of the project which includes a cost share with the State of North Carolina.

CURRENT SITUATION: Existing Fort Bragg Boulevard (a state highway that crosses Fort Bragg property) must be closed to non-DOD traffic for AT/FP. North Carolina Department of Transportation requires improvements along Murchison Road before the closure to handle the diverted traffic and does not have sufficient funds for this work.

IMPACT IF NOT PROVIDED: Failure to provide Army funds will preclude both the improvement of Murchison Road and the closure of Fort Bragg Boulevard to non-DOD traffic. This will hinder Fort Bragg's ability to adequately secure the installation.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required.

Installation Engineer: Gregory G. Bean
Phone Number: 910-396-4009

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST		----- ----- -----
Oklahoma	McAlester Army Ammunition Plant (AMC)				411
	McAlester AAP				
53389	Igloo Storage, Depot Level	3,000	3,000	C	413
	Subtotal McAlester Army Ammunition Plant Part I\$	----- 3,000	----- 3,000		
	Fort Sill (IMCOM)				417
65299	General Purpose Storage Building	13,800	13,800	C	419
66575	Museum Operations Support Building	12,800	12,800	C	423
	Subtotal Fort Sill Part I	----- \$ 26,600	----- 26,600		
	* TOTAL MCA FOR Oklahoma	\$ 29,600	29,600		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION McAlester AAP Oklahoma			4. COMMAND US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX 0.84	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1	0	1595	4	24	67	2,613
B. END FY 2015	8	160	1211	10	19	79	2,387
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	19,815 ha		(48,964 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	2,978,894						
C. AUTHORIZATION NOT YET IN INVENTORY.....	54,096						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	3,000						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	2,950						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	0						
H. GRAND TOTAL.....	3,038,940						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
421	53389	Igloo Storage, Depot Level				3,000	11/2007 10/2010
TOTAL						3,000	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. INCLUDED IN THE FY 2012 PROGRAM:							
903		Railroad Tracks				1,150	
422		High Explosive Magazine				1,800	
TOTAL						2,950	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A	
10. MISSION OR MAJOR FUNCTIONS:							
<p>MCAAP has four principal missions: (1) Production Operations - MCAAP has six separate load, assemble, and pack complexes for the production of conventional bombs, rockets, projectiles, mortars, small arms and propelling charges for the Army, Navy, Air Force and Marines. MCAAP is the sole source of conventional bomb production in the U.S. (2) Depot Operations - As one of four Tier One munitions storage depots, MCAAP has the magazines, roads, rail and loading facilities to receive, store, and issue munitions, explosives, and other expendable ordnance items for the Department of Defense (DOD). (3) Demilitarization Operations - As the second-largest government-owned munitions demilitarization site, MCAAP has facilities to demilitarize obsolete, older and excess bombs, missiles and rockets by resource recovery, recycling, reutilization, disassembly, conversion, melt out - steam out - wash out, incineration, open burning, and open detonation. MCAAP is the only bulk TNT recycling facility in the U.S. (4) Renovation Operations</p>							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: McAlester AAP, Oklahoma

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)

MCAAP has facilities for the maintenance, restoration and renovation of bombs, rockets, projectiles, mortars, small arms, propelling charges, and shipping containers. MCAAP also has the mission to support tenant activities in their missions at MCAAP including: (a) U.S. Army Defense Ammunition Center (DAC), (b) Armed Forces Reserve Center (AFRC), (c) Air Force Reserve Ammunition Team (AFRAT), (d) U.S. Naval Surface Warfare Center Indian Head Division Detachment McAlester (NSWC-DET-MCA), (e) Defense Reutilization and Marketing Office (DRMO), (f) U.S. Army TMDE Support Center (AMSAM-TMC-C-AL), (g) U.S. Army Occupational Health Clinic, (MCUA-OHC), (h) Defense Automated Printing Service (DAPS), (i) Civilian Personnel Advisory Center (CPAC), (j) Post Exchange, (PX), and (k) McAlester AAP Federal Credit Union (CU).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION McAlester AAP Oklahoma				4.PROJECT TITLE Igloo Storage, Depot Level		
5.PROGRAM ELEMENT 72896A		6.CATEGORY CODE 421	7.PROJECT NUMBER 53389		8.PROJECT COST (\$000) Auth 3,000 Approp 3,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,724
Repair Magazine and Add Covers		m2 (SF)	26,013 (280,000)		104.73	(2,724)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						2,724
CONTINGENCY (5.00%)						136
SUBTOTAL						2,860
SUPV, INSP & OVERHEAD (5.70%)						163
TOTAL REQUEST						3,023
TOTAL REQUEST (ROUNDED)						3,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Repair ammunition magazines adjacent to an existing explosive transfer facility. Project includes addition of covers to the magazines.						
11. REQ: 601,248 m2 ADQT: 559,108 m2 SUBSTD: NONE						
PROJECT: Repair ammunition igloo (magazine) storage at McAlester Army Ammunition Plant (McAAP), Oklahoma. (Current Mission)						
REQUIREMENT: Unserviceable magazines are repaired and returned to service as soon as possible. The vegetation on top of the earth covered magazines is another maintenance requirement, as it must be periodically removed by cutting. The magazines cannot support mowing equipment reducing the frequency of vegetation removal and thus resulting in non-conventional removal.						
CURRENT SITUATION: Most of MCAAP'S magazines were constructed during or soon after WWII. Over the years, they have been subject to the expansive clay soil under the influence of weather. Many magazines have incurred uplifted floors or walls, toppled wingwalls, or have become otherwise unserviceable due to doors being unable to open due to the expansion and contraction of the soil. The covers serve to prevent the moisture from infiltrating the magazines or reaching the soil beneath the magazine, thus reducing soil expansion and other damage to the magazines. This project is consistent with mission needs.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

McAlester AAP, Oklahoma

4. PROJECT TITLE Igloo Storage, Depot Level	5. PROJECT NUMBER 53389
--	--------------------------------

CURRENT SITUATION: (CONTINUED)
 Unserviceable magazines are repaired and returned to service as soon as possible. The vegetation on top of the earth covered magazines is another maintenance requirement, as it must be periodically removed by cutting. The magazines cannot support mowing equipment reducing the frequency of vegetation removal and thus resulting in non-conventional removal.
IMPACT IF NOT PROVIDED: If this project is not provided, storage magazine availability will continue to decline adversely impacting munitions storage capability of McAlester AAP.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... NOV 2007
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
McAlester Army Ammunition Plant

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 150
 - (b) All Other Design Costs..... 120
 - (c) Total Design Cost..... 270
 - (d) Contract..... 150

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
McAlester AAP, Oklahoma

4. PROJECT TITLE Igloo Storage, Depot Level	5. PROJECT NUMBER 53389
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 120

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: William Hovell
Phone Number: 918-420-6811

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 27 JAN 2010				
3. INSTALLATION AND LOCATION Fort Sill Oklahoma		4. COMMAND US Army Installation Management Command		5. AREA CONSTRUCTION COST INDEX 0.92			
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	1285	7664	2351	1396	10266	0	111 764 5327 29,164
B. END FY 2015	1381	7304	2462	994	10809	0	186 777 5341 29,254
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	37,972 ha		(93,831 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							3,910,527
C. AUTHORIZATION NOT YET IN INVENTORY.....							414,846
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							26,600
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							248,580
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							84,426
G. REMAINING DEFICIENCY.....							489,656
H. GRAND TOTAL.....							5,174,635
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
442	65299	General Purpose Storage Building		13,800	09/2008	05/2011	
760	66575	Museum Operations Support Building		12,800	04/2008	05/2011	
				TOTAL	26,600		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
742	Physical Fitness Facility			18,500			
736	Unit Chapel			8,400			
721	Trainee Barracks			37,000			
904	Rail Deployment Facility			2,750			
141	Fires Brigade Complex			101,000			
172	Battle Lab			23,000			
721	Trainee Complex 2, Ph 1			57,930			
				TOTAL	248,580		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):							
141	JLENS Complex for 31st ADA Bde			84,426			
				TOTAL	84,426		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Sill, Oklahoma

10. MISSION OR MAJOR FUNCTIONS:

The United States Army Field Artillery Center and Fort Sill will train Soldiers and Marines, and develop Field Artillery leaders; design and develop fire support for the force; support unit training and readiness; mobilize and deploy operating forces; and maintain installation infrastructure and services.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Sill Oklahoma				4.PROJECT TITLE General Purpose Storage Building		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 442	7.PROJECT NUMBER 65299		8.PROJECT COST (\$000) Auth 13,800 Approp 13,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,704
Central Issue Facility		m2 (SF)	8,742 (94,101)		1,152	(10,074)
Special Foundations		LS	--		--	(258)
IDS Installation		LS	--		--	(5)
EMCS Connection		LS	--		--	(6)
SDD and EPAct05		LS	--		--	(191)
Total from Continuation page						(170)
<u>SUPPORTING FACILITIES</u>						1,330
Electric Service		LS	--		--	(147)
Water, Sewer, Gas		LS	--		--	(188)
Paving, Walks, Curbs & Gutters		LS	--		--	(605)
Storm Drainage		LS	--		--	(16)
Site Imp(233) Demo()		LS	--		--	(233)
Information Systems		LS	--		--	(39)
Antiterrorism Measures		LS	--		--	(102)
ESTIMATED CONTRACT COST						12,034
CONTINGENCY (5.00%)						602
SUBTOTAL						12,636
SUPV, INSP & OVERHEAD (5.70%)						720
DESIGN/BUILD - DESIGN COST						505
TOTAL REQUEST						13,861
TOTAL REQUEST (ROUNDED)						13,800
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a modified Standard Design Central Issue Facility (CIF) to include the warehouse with administrative offices, two issue lines, installation of intrusion detection system (IDS), energy monitoring and control system (EMCS) connections and building information systems. Special foundations are required. Supporting facilities include extending utilities infrastructure to the site, electric service, storm drainage systems, sanitary sewage systems, paving, parking, walks, curbs and gutters, parking, security fencing and gates, information systems, exterior and security lighting, fire protection and alarm systems, and site improvements. Access for persons with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 176 kW/50 Tons).						
11. REQ:		25,649 m2	ADQT:		12,643 m2	SUBSTD: 2,912 m2
PROJECT: Construct a modified Standard Design Central Issue Facility (CIF) (General Purpose Storage Building) at Fort Sill, OK. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

4. PROJECT TITLE General Purpose Storage Building	5. PROJECT NUMBER 65299
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(90)
Building Information Systems	LS	--	--	(80)
			Total	170

REQUIREMENT: This project is required to provide a consolidated Central Issue Facility (CIF) designed for clothing and equipment issue. It will result in more efficient operations, and improved mission capability. The new CIF will permit the reuse of five functionally limited 60-plus years old facilities that presently provide limited CIF capability. Those five facilities will be converted to other facility category uses.

CURRENT SITUATION: Current facilities used for Central Issue have inefficient operations due to wide geographical separation between facilities and inefficient building design (as they were originally designed and used for other functions), are severely over-crowded, lack adequate formation space to protect waiting Soldiers from outdoor weather elements; have inadequate separation of Training Troops and Permanent Party Soldiers. Inadequate and inefficient building configuration constricts movement of equipment stock and limits stacking height for storage.

IMPACT IF NOT PROVIDED: Inadequate CIF facilities will continue to hamper existing and future installation training and permanent party missions. Current conditions will continue to result in reduced levels of service and support to Soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Sill, Oklahoma		
4. PROJECT TITLE General Purpose Storage Building	5. PROJECT NUMBER 65299	
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>SEP 2008</u>
(b) Percent Complete As Of January 2010.....		<u>15.00</u>
(c) Date 35% Designed.....		<u>FEB 2011</u>
(d) Date Design Complete.....		<u>MAY 2011</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Design-build		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used:		Fort Hood
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>401</u>
(b) All Other Design Costs.....		<u>268</u>
(c) Total Design Cost.....		<u>669</u>
(d) Contract.....		<u>401</u>
(e) In-house.....		<u>268</u>
(4) Construction Contract Award.....		<u>JAN 2011</u>
(5) Construction Start.....		<u>MAR 2011</u>
(6) Construction Completion.....		<u>SEP 2012</u>

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE General Purpose Storage Building	5.PROJECT NUMBER 65299
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Randall J. Butler
Phone Number: 580-442-3705

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma				4. PROJECT TITLE Museum Operations Support Building		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 760	7. PROJECT NUMBER 66575		8. PROJECT COST (\$000) Auth 12,800 Approp 12,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,257
Museum Operations Support Bldg		m2 (SF)	5,110 (55,000)		1,831	(9,357)
Connect to Existing Facilities		m2 (SF)	209.03 (2,250)		1,229	(257)
Special Foundations		LS	--		--	(187)
IDS Installation		LS	--		--	(12)
EMCS Connections		LS	--		--	(14)
Total from Continuation page						(430)
<u>SUPPORTING FACILITIES</u>						905
Electric Service		LS	--		--	(74)
Water, Sewer, Gas		LS	--		--	(57)
Paving, Walks, Curbs & Gutters		LS	--		--	(309)
Storm Drainage		LS	--		--	(25)
Site Imp(152) Demo()		LS	--		--	(152)
Information Systems		LS	--		--	(83)
Antiterrorism Measures		LS	--		--	(205)
ESTIMATED CONTRACT COST						11,162
CONTINGENCY (5.00%)						558
SUBTOTAL						11,720
SUPV, INSP & OVERHEAD (5.70%)						668
DESIGN/BUILD - DESIGN COST						469
TOTAL REQUEST						12,857
TOTAL REQUEST (ROUNDED)						12,800
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a Museum Operations Support (Artifact Storage) Facility. Project will include open high-bay artifact storage space, offices, classrooms, latrines, arms room, special foundations, consolidated entry and reception area; connection to Energy Monitor and Control Systems (EMCS), installation of an intrusion detection system (IDS), and building information systems. Supporting facilities include electrical, gas, water and sewer, communication, exterior lighting, storm drainage, fire protection, walks, curbs and gutters, parking, and site improvements. Access for persons with disabilities will be provided. Force protection measures will be incorporated into the facility design. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 615 kW/175 Tons).						
11. REQ:		5,110 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct a Museum Operations Support Building at Fort Sill, OK. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4. PROJECT TITLE Museum Operations Support Building	5. PROJECT NUMBER 66575
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(187)
Antiterrorism Measures	LS	--	--	(156)
Building Information Systems	LS	--	--	(87)
			Total	430

REQUIREMENT: This facility is required to house historical property that are used for Soldier training to meet the Program of Instruction (POI) and related instructional requirements associated with the Air Defense Artillery (ADA) School. It directly supports relocating units providing indoor, environmentally controlled display/storage space for decommissioned large, historic, military weapons.

CURRENT SITUATION: Fort Sill does not have available space to house museum artifacts. The historic and artifact items are not currently stored and maintained at Fort Sill.

IMPACT IF NOT PROVIDED: If this project is not provided, ADA soldiers stationed at Fort Sill will not train to approved Army standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

4. PROJECT TITLE Museum Operations Support Building	5. PROJECT NUMBER 66575
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 367

(b) All Other Design Costs..... 245

(c) Total Design Cost..... 612

(d) Contract..... 367

(e) In-house..... 245

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
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NA

Installation Engineer: Randall J. Butler
Phone Number: 580-442-3705

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST		-----
South Carolina	Fort Jackson (IMCOM)				429
53794	Trainee Barracks Complex, Ph 1	46,000	46,000	C	431
71119	Training Aids Center	17,000	17,000	C	435
73299	Trainee Barracks	28,000	28,000	N	438
	Subtotal Fort Jackson Part I	\$ 91,000	91,000		
	* TOTAL MCA FOR South Carolina	\$ 91,000	91,000		

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.86	
6. PERSONNEL STRENGTH:							
		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 03 NOV 2009		1136	5216	2036	530	23470	42
B. END FY 2015		1066	5370	2031	539	22555	67
					218	654	3690
					202	628	3666
							36,124
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		21,166 ha		(52,301 AC)			
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						2,654,698	
C. AUTHORIZATION NOT YET IN INVENTORY.....						408,475	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						91,000	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						122,750	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						852,188	
H. GRAND TOTAL.....						4,129,111	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	53794	Trainee Barracks Complex, Ph 1		46,000	09/2008	10/2010	
141	71119	Training Aids Center		17,000	03/2010	07/2011	
721	73299	Trainee Barracks		28,000	08/2009	10/2010	
				TOTAL	91,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
721		Trainee Barracks Complex, Ph 2		62,000			
178		Modified Record Fire Range		4,350			
721		Complex Trainee Barracks 2, Ph 1		56,400			
				TOTAL	122,750		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							
10. MISSION OR MAJOR FUNCTIONS:							
Provide Basic Combat Training (BCT)/Initial Entry Training (IET), BCT/IET Management & Development, Advanced Individual Training (AIT), and One-Station Unit Training (OSUT). Provide support to the Soldier Support Institute which includes the Adjutant General School, Finance School, Recruiting & Retention School, and NCO Academy. Provide support to the U.S. Army Chaplain Center & School, Drill Sergeant School, DOD Polygraph Institute, and other tenant units and activities. Provide direct support to United States Army Reserve (USAR) components & training divisions.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
----------------------	---------------------------------------	------------------------

INSTALLATION AND LOCATION: Fort Jackson, South Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Jackson South Carolina				4.PROJECT TITLE Trainee Barracks Complex, Ph 1		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 53794		8.PROJECT COST (\$000) Auth 46,000 Approp 46,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						29,233
Barracks/Company Operations		m2 (SF)	8,640 (93,000)		1,942	(16,781)
Dining Facility		m2 (SF)	2,834 (30,500)		2,697	(7,643)
Battalion HQs w/Classrooms		m2 (SF)	1,143 (12,300)		1,743	(1,992)
Running Track		EA	1 --		492,191	(492)
Lawn Maintenance Building		m2 (SF)	185.81 (2,000)		430.33	(80)
Total from Continuation page						(2,245)
<u>SUPPORTING FACILITIES</u>						12,599
Electric Service		LS	--		--	(893)
Water, Sewer, Gas		LS	--		--	(438)
Steam And/Or Chilled Water Dist		LS	--		--	(5,023)
Paving, Walks, Curbs & Gutters		LS	--		--	(796)
Storm Drainage		LS	--		--	(729)
Site Imp(2,063) Demo(1,948)		LS	--		--	(4,011)
Information Systems		LS	--		--	(389)
Antiterrorism Measures		LS	--		--	(320)
ESTIMATED CONTRACT COST						41,832
CONTINGENCY (5.00%)						<u>2,092</u>
SUBTOTAL						43,924
SUPV, INSP & OVERHEAD (5.70%)						<u>2,504</u>
TOTAL REQUEST						46,428
TOTAL REQUEST (ROUNDED)						46,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction This is phase 1 of a two phase project. Phase 2, PN 62955, will be requested in the future. Construct a battalion-size, 4-company, Advanced Individual Training (AIT) barracks complex. Primary facility consists of barracks, company operations areas, classroom space, a battalion headquarters with classrooms, a standard design dining facility, a running track, and a lawn maintenance building. Project includes fire protection, information systems, installation of intrusion detection system (IDS), connection to energy monitoring and control system (EMCS) and anti-terrorism/force protection (AT/FP) measures. AT/FP measures include exterior security lighting, landscaping, blast berms, bollards, window film, and standard setback distances from parking areas, roads, and facilities. Comprehensive interior furnishings and equipment design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include water, electrical, street lighting, information systems, fire protection and alarm systems, sanitary and storm sewer systems, parking, sidewalks, curbs & gutters, paving, fencing, loading docks, signage, an outdoor instruction/physical training area, troop assembly and staging areas, steam and chilled water distribution lines and site improvements. Heating and air conditioning will be provided by connection to the existing Central Energy						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4. PROJECT TITLE Trainee Barracks Complex, Ph 1	5. PROJECT NUMBER 53794
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(19)
EMCS Connections	LS	--	--	(243)
SDD and EPAct05	LS	--	--	(527)
Antiterrorism Measures	LS	--	--	(660)
Building Information Systems	LS	--	--	(796)
			Total	2,245

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Plant. Asbestos and lead-based paint abatement are included as part of this project for demolition. Accessibility for individuals with disability will be provided in public areas. Demolish 22 Buildings (TOTAL 27,627 m2/297,378 SF). Air Conditioning (Estimated 4,379 kW/1,245 Tons).

11. REQ: 23,980 PN ADQT: 8,400 PN SUBSTD: 7,700 PN

PROJECT: Construct a battalion-size, Advanced Individual Training (AIT) barracks complex, Phase 1 at Fort Jackson, SC. (Current Mission)

REQUIREMENT: This project (phases 1 and 2) is required to provide an Advanced Individual Training (AIT) barracks to support 1,500 personnel and a cadre of 115 to 150 personnel. The AIT is one of the primary missions of Fort Jackson. The Army Stationing and Installation Plan (ASIP) has projected a steady increase in Advanced Infantry Training (AIT) at Fort Jackson. Modifications to existing facilities are required to provide the Gender Integrated Training (GIT) environment. Consolidation of a training battalion in one permanent central complex will permit the maximum allowable time being spent on training.

CURRENT SITUATION: Recent expansion of Army recruiting goals together with the new requirement for the implementation of GIT has resulted in a severe shortage of adequate AIT facilities at Fort Jackson. Male and female Soldiers are currently housed in crowded, deteriorating, 1960s era, one-company, rolling-pin style barracks not constructed to current standards. These facilities are considered marginally satisfactory. AIT is presently being conducted in separate billeting, dining, instructional, operations, training, and supply facilities. Excess distances between buildings cause numerous control problems for support personnel. These facilities are widely dispersed and poorly situated in a land use zone that also has permanent-party barracks, administration, community support, and operations facilities dispersed amongst the AIT sectors.

IMPACT IF NOT PROVIDED: If this project is not provided, recent expansions of Army recruiting with additional requirements for implementing GIT, will result in a severe shortage of adequate AIT billeting at Fort Jackson. If new

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4. PROJECT TITLE Trainee Barracks Complex, Ph 1	5. PROJECT NUMBER 53794
--	--------------------------------

IMPACT IF NOT PROVIDED: (CONTINUED)
barracks and support facilities are not constructed, there will be a disproportionate ratio of male to female trainees crowded in already inadequate facilities. This has greatly intensified the pressure placed on existing overcrowded facilities. Trainees will be forced to continue utilizing substandard, obsolete, and decaying facilities dispersed throughout a large area poorly suited for AIT.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	Requested FY2011(\$000)	FYDP FY2012(\$000)
Authorization	\$46,000	\$62,000
Authorization of Appropriation	\$46,000	\$62,000
Appropriation	\$46,000	\$62,000

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... SEP 2008
(b) Percent Complete As Of January 2010..... 15.00
(c) Date 35% Designed..... MAR 2010
(d) Date Design Complete..... OCT 2010
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: Adapt-Build

(2) Basis:

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4. PROJECT TITLE Trainee Barracks Complex, Ph 1	5. PROJECT NUMBER 53794
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	906
(b) All Other Design Costs.....	679
(c) Total Design Cost.....	1,585
(d) Contract.....	906
(e) In-house.....	679
(4) Construction Contract Award.....	FEB 2011
(5) Construction Start.....	JUN 2011
(6) Construction Completion.....	DEC 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Doug Burchet
Phone Number: (803) 751-2719

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina				4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71119		8. PROJECT COST (\$000) Auth 17,000 Approp 17,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,853
Training Aids Support Center		m2 (SF)	8,819 (94,925)		1,386	(12,222)
IDS Installation		LS	--		--	(38)
SDD and EPAct05		LS	--		--	(244)
Antiterrorism Measures		LS	--		--	(310)
Building Information Systems		LS	--		--	(39)
<u>SUPPORTING FACILITIES</u>						2,044
Electric Service		LS	--		--	(101)
Water, Sewer, Gas		LS	--		--	(110)
Paving, Walks, Curbs & Gutters		LS	--		--	(670)
Storm Drainage		LS	--		--	(88)
Site Imp(882) Demo()		LS	--		--	(882)
Information Systems		LS	--		--	(182)
Antiterrorism Measures		LS	--		--	(11)
ESTIMATED CONTRACT COST						14,897
CONTINGENCY (5.00%)						745
SUBTOTAL						15,642
SUPV, INSP & OVERHEAD (5.70%)						892
DESIGN/BUILD - DESIGN COST						626
TOTAL REQUEST						17,160
TOTAL REQUEST (ROUNDED)						17,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Training Aids Center (TAC). Primary facilities include the TAC, installation of intrusion detection system (IDS), building information systems and antiterrorism measures. Supporting facilities include electric service, water, sanitary sewer, and site preparation/improvements. Heating and air conditioning will be by self contained systems. Access for the disabled will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 306 kW/87 Tons).						
11. REQ: 8,819 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard design Training Aids Center at Fort Jackson, SC. (Current Mission)						
REQUIREMENT: The Army school relocations to Fort Jackson will increase the quantity and type of live and virtual training devices used. Additional storage is needed to support the increases in training aid devices and to protect the investment for those devices.						
CURRENT SITUATION: Existing warehouse buildings do not have additional capacity to support increased training aids and devices as well as the classroom and administrative spaces required. Current warehouse buildings are						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 71119
--	--------------------------------

CURRENT SITUATION: (CONTINUED)
fully engaged supporting existing missions.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Jackson will not be able to protect the training aid and device investment. Training components will be exposed to the elements drastically reducing useful life and compromising reliable use for training.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAR 2010
 - (b) Percent Complete As Of January 2010..... .00
 - (c) Date 35% Designed..... MAY 2011
 - (d) Date Design Complete..... JUL 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Drum

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 469
 - (b) All Other Design Costs..... 313
 - (c) Total Design Cost..... 782
 - (d) Contract..... 469
 - (e) In-house..... 313

- (4) Construction Contract Award..... MAR 2011

- (5) Construction Start..... MAY 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION Fort Jackson, South Carolina	
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4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 71119
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAY 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Doug Burchet
Phone Number: 803-751-2719

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina			4. PROJECT TITLE Trainee Barracks		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 721	7. PROJECT NUMBER 73299	8. PROJECT COST (\$000) Auth 28,000 Approp 28,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				24,090	
Barracks/Company Operations	m2 (SF)	12,595 (135,570)	1,733	(21,827)	
IDS Installation	LS	--	--	(51)	
EMCS Connection	LS	--	--	(144)	
SDD and EPAct05	LS	--	--	(437)	
Antiterrorism Measures	LS	--	--	(697)	
Building Information Systems	LS	--	--	(934)	
<u>SUPPORTING FACILITIES</u>				921	
Electric Service	LS	--	--	(210)	
Paving, Walks, Curbs & Gutters	LS	--	--	(233)	
Storm Drainage	LS	--	--	(48)	
Site Imp(92) Demo()	LS	--	--	(92)	
Information Systems	LS	--	--	(320)	
Antiterrorism Measures	LS	--	--	(18)	
ESTIMATED CONTRACT COST				25,011	
CONTINGENCY (5.00%)				<u>1,251</u>	
SUBTOTAL				26,262	
SUPV, INSP & OVERHEAD (5.70%)				<u>1,497</u>	
TOTAL REQUEST				27,759	
TOTAL REQUEST (ROUNDED)				28,000	
INSTALLED EQT-OTHER APPROP				()	
10. Description of Proposed Construction Construct a standard-design Basic Combat Training (BCT) barracks for 2 Companies (240 trainees/each). Primary facilities include open-bay billeting with company operations areas, classroom space, and covered training areas. Project will include connections to existing Energy Monitoring and Control System (EMCS) and installaion of an intrusion Detection System (IDS), and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act (EPAct 2005) features will be provided. Supporting facilities include all required utility systems and connection, information systems, alarm systems and underground fuel tank removal. Heating and High-Temperature Water (HTW) will be provided by connection to Central Energy Plant. Comprehensive building and furnishings related interior design services are required for this facility. Access for persons with disabilities will be provided in public areas. Air Conditioning (Estimated 2,954 kW/840 Tons).					
11. REQ:	23,980 PN	ADQT:	8,400 PN	SUBSTD:	7,700 PN
PROJECT: Construct standard-design Basic Combat Training (BCT) barracks complex for 2 Companies (240 trainees/company) at Fort Jackson, SC. (New Mission)					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4. PROJECT TITLE Trainee Barracks	5. PROJECT NUMBER 73299
--	--------------------------------

REQUIREMENT: This project provides two Company-sized BCT barracks with Company Operations space to accommodate a total of 480 trainees and a supporting cadre of from 20 to 25 personnel. This will complete a standard 5 company BCT Complex. This project is required due to the increasing BCT training loads at the installation. This trainee barracks is required to accommodate the permanent increase in the Army's end-strength under the Grow The Army (GTA) initiative.

CURRENT SITUATION: The Basic Combat Training (BCT) 2 is short 2 company sized BCT barracks with company operations space. As a result, BCT 2 will not meet the Army standard for BCTs because it will not have a fourth or a fifth company-size barracks. There are no additional BCT barracks that can be used to meet this shortfall at Fort Jackson.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Jackson will not have adequate permanent standard facilities to meet the required capability for Basic Combat Training (BCT) loads and BCT soldiers will be placed into temporary barracks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... AUG 2009

(b) Percent Complete As Of January 2010..... 25.00

(c) Date 35% Designed..... FEB 2010

(d) Date Design Complete..... OCT 2010

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Adapt-Build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Jackson

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4. PROJECT TITLE Trainee Barracks	5. PROJECT NUMBER 73299
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>540</u>
(b) All Other Design Costs.....	<u>350</u>
(c) Total Design Cost.....	<u>890</u>
(d) Contract.....	<u>540</u>
(e) In-house.....	<u>350</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>MAR 2013</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Doug Burchet
Phone Number: 803-751-2719

DEPARTMENT OF THE ARMY
FISCAL YEAR 2011
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Texas	Fort Bliss (IMCOM)				443
57434	Indoor Swimming Pool	15,500	15,500	C	445
63880	Urban Assault Course	2,800	2,800	C	448
64604	Vehicle Bridge Overpass	8,700	8,700	C	451
65941	Transient Training Complex	31,000	31,000	C	454
72149	Company Operations Facilities	18,500	18,500	N	458
72178	Automated Multipurpose Machine Gun Range	6,700	6,700	N	461
72179	Scout/RECCE Gunnery Complex	15,500	15,500	N	464
72180	Light Demolition Range	2,100	2,100	N	468
72181	Heavy Sniper Range	3,500	3,500	N	471
72182	Digital Multipurpose Training Range	22,000	22,000	N	474
72183	Live Fire Exercise Shoothouse	3,150	3,150	N	478
72184	Squad Defense Range	3,000	3,000	N	481
74635	THAAD Battery Complex	17,500	17,500	N	484
	Subtotal Fort Bliss Part I	\$ 149,950	149,950		
	Fort Hood (IMCOM)				489
57134	Live Fire Exercise Shoothouse	2,100	2,100	C	491
66532	Convoy Live Fire	3,200	3,200	C	494
71462	Battalion Complex	40,000	40,000	N	497
71465	Company Operations Facilities	4,300	4,300	N	501
71639	Brigade Complex	38,000	38,000	N	504
71706	Urban Assault Course	2,450	2,450	C	508
72845	Unmanned Aerial System (UAS) Hangar	55,000	55,000	N	511
	Subtotal Fort Hood Part I	\$ 145,050	145,050		
	Fort Sam Houston (IMCOM)				515
67194	Simulations Center	16,000	16,000	C	517
71116	Training Aids Center	6,200	6,200	C	521
	Subtotal Fort Sam Houston Part I	\$ 22,200	22,200		
	* TOTAL MCA FOR Texas	\$ 317,200	317,200		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.03	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL TOTAL	
A. AS OF 03 NOV 2009	2613	17497 2417	21	891	0	513 1262 7399 32,613	
B. END FY 2015	4339	28709 3169	33	975	8	786 1886 6861 46,766	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	452,250 ha		(1,117,530 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....					6,429,770		
C. AUTHORIZATION NOT YET IN INVENTORY.....					1,786,390		
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....					149,950		
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....					313,600		
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....					23,000		
G. REMAINING DEFICIENCY.....					1,469,465		
H. GRAND TOTAL.....					10,172,175		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT			COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE		
740	57434	Indoor Swimming Pool	15,500	09/2008	05/2011		
178	63880	Urban Assault Course	2,800	11/2007	10/2010		
851	64604	Vehicle Bridge Overpass	8,700	09/2008	10/2010		
722	65941	Transient Training Complex	31,000	09/2008	05/2011		
141	72149	Company Operations Facilities	18,500	08/2009	05/2011		
178	72179	Scout/RECCE Gunnery Complex	15,500	09/2008	07/2010		
178	72178	Automated Multipurpose Machine Gun Range	6,700	09/2008	10/2010		
178	72182	Digital Multipurpose Training Range	22,000	09/2008	07/2010		
178	72181	Heavy Sniper Range	3,500	09/2008	07/2010		
178	72180	Light Demolition Range	2,100	09/2008	07/2010		
178	72184	Squad Defense Range	3,000	09/2008	10/2010		
178	72183	Live Fire Exercise Shootouse	3,150	09/2008	10/2010		
214	74635	THAAD Battery Complex	17,500	09/2009	08/2011		
TOTAL			149,950				
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY			COST				
CODE		PROJECT TITLE	(\$000)				
A. INCLUDED IN THE FY 2012 PROGRAM:							
141		Brigade Combat Team (Heavy) 4, Phase 1	176,000				
214		Tier 2 Vehicle Maint Facility	36,000				
214		Tier 2 Electronics Maint Fac	6,800				
141		1 UAS Unit	14,800				
141		THAAD Battery	11,000				

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Bliss, Texas

9. FUTURE PROJECT APPROPRIATIONS: (...CONTINUED)

CATEGORY		COST (\$000)
CODE	PROJECT TITLE	
A. INCLUDED IN THE FY 2012 PROGRAM:		
141	Fires Brigade	69,000
TOTAL		313,600
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
141	Unit Operation	23,000
TOTAL		23,000
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A

10. MISSION OR MAJOR FUNCTIONS:

Provides support to the US Army Air Defense Center and School; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units. A multi-functional installation that serves as the nation's only Air Defense Center while also serving as a Power Projection Platform as well as test bed and training installation for Joint and Combined Warfare, employing state-of-the-art technologies.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Bliss Texas				4.PROJECT TITLE Indoor Swimming Pool		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 740	7.PROJECT NUMBER 57434		8.PROJECT COST (\$000) Auth 15,500 Approp 15,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,654
Indoor Aquatics Training Center		m2 (SF)	5,947 (64,010)		2,029	(12,065)
EMCS Connection		LS	--		--	(61)
SDD and EPAct05		LS	--		--	(246)
Antiterrorism Measures		LS	--		--	(246)
Building Information Systems		LS	--		--	(36)
<u>SUPPORTING FACILITIES</u>						930
Electric Service		LS	--		--	(107)
Water, Sewer, Gas		LS	--		--	(125)
Paving, Walks, Curbs & Gutters		LS	--		--	(226)
Storm Drainage		LS	--		--	(114)
Site Imp(312) Demo()		LS	--		--	(312)
Information Systems		LS	--		--	(26)
Antiterrorism Measures		LS	--		--	(20)
ESTIMATED CONTRACT COST						13,584
CONTINGENCY (5.00%)						679
SUBTOTAL						14,263
SUPV, INSP & OVERHEAD (5.70%)						813
DESIGN/BUILD - DESIGN COST						571
TOTAL REQUEST						15,647
TOTAL REQUEST (ROUNDED)						15,500
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct an Aquatics Training Facility. The project consists of aquatic training pools, a diving pool, seating/viewing areas, locker rooms with showers, chemical room, staff offices and pool decks. Provide connection to Energy Monitoring and Control Systems (EMCS). Include Information Systems and Mass Notification System. Supporting facilities include utilities; electrical, water, sewer, gas, paving, walks, curbs and gutters, parking, storm drainage, site preparation, landscaping and information systems. Anti-terrorism/Force Protection measure includes security lighting. Accessibility for individuals with disability will be provided. Bathhouse (locker rooms, showers, restrooms and administrative areas) heating and air conditioning will be provided by self-contained units. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 528 kW/150 Tons).						
11. REQ:		9,218 m2	ADQT: NONE		SUBSTD:	2,517 m2
PROJECT: Construct an Indoor Aquatics Training Facility (Indoor Swimming Pool) at Fort Bliss, TX. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Indoor Swimming Pool	5. PROJECT NUMBER 57434
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Carson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 445

(b) All Other Design Costs..... 296

(c) Total Design Cost..... 741

(d) Contract..... 445

(e) In-house..... 296

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Michael Lockemy

Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 63880	8. PROJECT COST (\$000) Auth 2,800 Approp 2,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,463
Urban Assault Course		FP	5 --	375,632	(1,878)
Range Operations & Control Area		EA	1 --	71,225	(71)
Downrange Electrical		EA	1 --	268,102	(268)
Operations/Storage Building		m2 (SF)	74.32 (800)	2,304	(171)
Latrine		m2 (SF)	18.58 (200)	3,553	(66)
Total from Continuation page					(9)
<u>SUPPORTING FACILITIES</u>					77
Electric Service		LS	--	--	(35)
Paving, Walks, Curbs & Gutters		LS	--	--	(32)
Information Systems		LS	--	--	(10)
ESTIMATED CONTRACT COST					2,540
CONTINGENCY (5.00%)					127
SUBTOTAL					2,667
SUPV, INSP & OVERHEAD (5.70%)					152
TOTAL REQUEST					2,819
TOTAL REQUEST (ROUNDED)					2,800
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities are located within the perimeter of the range complex and include the UAC, range operations and control area, downrange electrical, operations and storage building, latrine, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Antiterrorism protection measures are included. Supporting facilities include electric service, paving, and information systems. Air Conditioning (Estimated 7 kW/2 Tons).					
11. REQ: 15 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design Urban Assault Course at Fort Bliss, Texas. (Current Mission)					
REQUIREMENT: The urban assault course is required to provide performance oriented training to Soldiers for operational aspects, and planning in an urban environment. Urbanization discipline impacts on military operations in all types of conflict. Leaders must understand how that affects their unit's capabilities as well as their ability to provide support. The urban assault course will be used to conduct mandated mission essential training. This training course and range will allow for both individual and collective hands-on training enhancing doctrinal understanding and skill development.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 63880
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPact05	LS	--	--	(3)
Antiterrorism Measures	LS	--	--	(3)
Building Information Systems	LS	--	--	(3)
Total				9

CURRENT SITUATION: Current range facilities do not meet required training in urban operations and breaching standards or techniques. Currently computer generated simulation is the only way to achieve window and door breaching skills. Units do not fully understand or appreciate the technical aspects of these specialized breaches and have not practiced these breaches in a training environment to enable successful execution during combat operations. Basic urban operations clearing techniques are not being developed in a complete training environment. Minimum required existing urban training stations are not available.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a continuation of major training shortfalls for Active Army, Army Reserve, and National Guard units training at Fort Bliss. Successful planning and execution of specialized urban operations and breaches during combat operations will not be met.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2007
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 63880
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs _____ YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Jackson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 120
- (b) All Other Design Costs..... 315
- (c) Total Design Cost..... 435
- (d) Contract..... 295
- (e) In-house..... 140

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested (\$000)</u>

NA

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Vehicle Bridge Overpass		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 851	7. PROJECT NUMBER 64604		8. PROJECT COST (\$000) Auth 8,700 Approp 8,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,148
Vehicle Overpass		EA	1 --		5763702	(5,764)
Access Road		m2 (SY)	10,221 (12,224)		113.55	(1,161)
Sentry Station		m2 (SF)	7.43 (80)		3,705	(28)
Antiterrorism Measures		LS	--		--	(195)
<u>SUPPORTING FACILITIES</u>						734
Electric Service		LS	--		--	(245)
Storm Drainage		LS	--		--	(207)
Site Imp(282) Demo()		LS	--		--	(282)
ESTIMATED CONTRACT COST						7,882
CONTINGENCY (5.00%)						394
SUBTOTAL						8,276
SUPV, INSP & OVERHEAD (5.70%)						472
TOTAL REQUEST						8,748
TOTAL REQUEST (ROUNDED)						8,700
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a tactical vehicle overpass with sentry stations, gate, and approach road at the maneuver area. Work includes grading, borrow, overpass and lighting. Support facilities include electric service, storm drainage, fencing, landscaping, and site improvements.						
11. REQ: 3 EA ADQT: 1 EA SUBSTD: NONE						
PROJECT: Construct a tactical vehicle overpass and access ramp at Fort Bliss, TX. (Current Mission)						
REQUIREMENT: This project is required to provide a tactical vehicle overpass for access to the ranges. The overpass must span US 54, a major four lane highway, that separates Fort Bliss's major training areas. This is a critical requirement as the overpass will provide a safe link between the main routes used by units going to the field for training. Traffic volume on US 54 has increased tremendously and is projected to continue to increase annually. Increased traffic as a result of Army Transformation will greatly exacerbate these problems. All normal traffic flow between main post and the various range camps will also utilize this overpass.						
CURRENT SITUATION: Units going out to the field for training must use ground level crossings, which are obstacles and create safety issues when large convoys cross. The unit convoys which cross this highway disrupt traffic and						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Vehicle Bridge Overpass	5. PROJECT NUMBER 64604
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CURRENT SITUATION: (CONTINUED)
cause unnecessary safety problems for the civilian community. Increased traffic as a result of Army Transformation will greatly exacerbate these problems.
IMPACT IF NOT PROVIDED: If this project is not provided, units going to the field stop traffic on US 54 and cause heavy, congested traffic flow resulting in frequent unpredictable delays and reduction of mission effectiveness.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 442
 - (b) All Other Design Costs..... 353
 - (c) Total Design Cost..... 795
 - (d) Contract..... 442
 - (e) In-house..... 353
 - (4) Construction Contract Award..... JAN 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Vehicle Bridge Overpass	5. PROJECT NUMBER 64604
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY	FY 2011	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION Fort Bliss Texas	4. PROJECT TITLE Transient Training Complex
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5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 722	7. PROJECT NUMBER 65941	8. PROJECT COST (\$000) Auth 31,000 Approp 31,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				20,985
Officers Quarters	m2 (SF)	2,098 (22,579)	2,065	(4,332)
Dining Facility	m2 (SF)	1,931 (20,786)	3,293	(6,360)
Battalion Headquarters	m2 (SF)	1,044 (11,237)	1,704	(1,778)
Company Operations Facilities	m2 (SF)	1,819 (19,579)	1,682	(3,060)
Covered Hardstand	m2 (SF)	445.93 (4,800)	783.73	(349)
Total from Continuation page				(5,106)
<u>SUPPORTING FACILITIES</u>				6,289
Electric Service	LS	--	--	(432)
Water, Sewer, Gas	LS	--	--	(1,892)
Paving, Walks, Curbs & Gutters	LS	--	--	(66)
Storm Drainage	LS	--	--	(129)
Site Imp(3,444) Demo()	LS	--	--	(3,444)
Information Systems	LS	--	--	(235)
Antiterrorism Measures	LS	--	--	(91)

ESTIMATED CONTRACT COST				27,274
CONTINGENCY (5.00%)				<u>1,364</u>
SUBTOTAL				28,638
SUPV, INSP & OVERHEAD (5.70%)				1,632
DESIGN/BUILD - DESIGN COST				<u>1,146</u>
TOTAL REQUEST				31,416
TOTAL REQUEST (ROUNDED)				31,000
INSTALLED EQT-OTHER APPROP				()

10. Description of Proposed Construction Construct a standard design battalion-sized transient training complex, to include battalion headquarters and consolidated company operations facilities, officers quarters, dining facility, vehicle maintenance facility with organizational vehicle parking, and six company sheds, and a sewer lift station. Project will include installation of intrusion detection systems (IDS) in the arms rooms, and connection to the installation Energy Monitoring and Control System (EMCS). Supporting facilities include site work; all required utility systems to include an oxidation ponds; lighting; paving, parking, walks, curbs, and gutters; site improvements; storm drainage; and information systems. Heating and Air Conditioning will be provided by self-contained systems. Anti-terrorism/force protection (AT/FP) measures include structural reinforcement, special windows and doors, and site measures. Access for individuals with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 950 kW/270 Tons).

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Transient Training Complex	5. PROJECT NUMBER 65941
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vehicle Maintenance Shop	m2 (SF)	1,101 (11,855)	1,863	(2,052)
Organizational Vehicle Parking	m2 (SY)	27,592 (33,000)	70.14	(1,935)
IDS Installation	LS	--	--	(43)
EMCS Connections	LS	--	--	(87)
SDD and EPAct05	LS	--	--	(347)
Antiterrorism Measures	LS	--	--	(347)
Building Information Systems	LS	--	--	(295)
			Total	5,106

11. REQ: 3,500 PN ADQT: 544 PN SUBSTD: 2,956 PN
PROJECT: Construct facilities for a Transient Training Barracks at Fort Bliss, TX. (Current Mission)
REQUIREMENT: There is an immediate need for adequate facilities to support Reserve Component Training, Mobilization, Deployment, Demobilization missions and to ensure the Operational Readiness of Reserve Component Soldiers. Fort Bliss serves as a Power Projection Platform and for Reserve Component and Active Component unit training and rotations in support of Overseas Contingency Operations. There are large numbers of transient Soldiers from active Army, Army Reserve, and Army National Guard who are mobilizing and demobilizing, and conducting annual training exercises who are simultaneously requiring facilities and straining the already over taxed infrastructure.
CURRENT SITUATION: Fort Bliss is accommodating transient Soldiers and their equipment in a combination of substandard temporary facilities and inadequate semi-permanent facilities. Many of these facilities are open bay, un-air conditioned, and without attached latrines. Additionally, off post rented hotel rooms are being used. A prior project, now under construction, will provide four permanent transient barracks to house 672 Soldiers. This project will supplement these barracks by constructing the remaining facilities needed to provide a standard design training and mobilization battalion area.
IMPACT IF NOT PROVIDED: If this project is not provided, transient units will continue to be housed in very austere facilities on-post, and off post in leased hotels at varying distances from the cantonment, thereby causing unnecessary hardships on the ability to house, feed, maintain, and train Soldiers. The impact on Soldiers' morale will be detrimental, contributing to recruitment and retention difficulties.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Transient Training Complex	5. PROJECT NUMBER 65941
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ADDITIONAL: (CONTINUED)

is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 751
 - (b) All Other Design Costs..... 150
 - (c) Total Design Cost..... 901
 - (d) Contract..... 451
 - (e) In-house..... 450

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION Fort Bliss, Texas	
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4.PROJECT TITLE Transient Training Complex	5.PROJECT NUMBER 65941
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Company Operations Facilities		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 141	7. PROJECT NUMBER 72149		8. PROJECT COST (\$000) Auth 18,500 Approp 18,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,974
Company Operations Facility		m2 (SF)	3,331 (35,851)		2,169	(7,226)
Covered Hardstand		m2 (SF)	465.72 (5,013)		600.20	(280)
Deployment Equipment Storage		m2 (SF)	195.10 (2,100)		1,158	(226)
IDS Installation		m2 (SF)	3,331 (35,851)		9.69	(32)
EMCS Connections		m2 (SF)	3,331 (35,851)		24.76	(82)
Total from Continuation page						(1,128)
<u>SUPPORTING FACILITIES</u>						6,929
Electric Service		LS	--		--	(477)
Water, Sewer, Gas		LS	--		--	(367)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,031)
Storm Drainage		LS	--		--	(300)
Site Imp(2,398) Demo()		LS	--		--	(2,398)
Information Systems		LS	--		--	(1,257)
Antiterrorism Measures		LS	--		--	(99)
ESTIMATED CONTRACT COST						15,903
CONTINGENCY (5.00%)						795
SUBTOTAL						16,698
SUPV, INSP & OVERHEAD (5.70%)						952
DESIGN/BUILD - DESIGN COST						668
TOTAL REQUEST						18,318
TOTAL REQUEST (ROUNDED)						18,500
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct standard design company operations facilities. Primary facilities include company operation facilities with covered hardstand, deployment equipment storage, building information systems, installation of intrusion detection systems (IDS), connection to energy monitoring and control systems (EMCS), and fire/smoke detection and alarm systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Antiterrorism measures will be included. Heating and air conditioning will be provided by self contained units. Supporting facilities include connections to all required utilities, paving, parking, walks, curbs and gutters, fencing, storm water management structures, landscaping and site work. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 373 kW/106 Tons).						
11. REQ:		151,957 m2	ADQT: 57,028 m2		SUBSTD:	720 m2
PROJECT: Construct standard design company operations facilities at Fort Bliss, TX. (New Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 72149
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(170)
Antiterrorism Measures	LS	--	--	(173)
Building Information Systems	LS	--	--	(785)
			Total	1,128

REQUIREMENT: This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units will require operational facilities in order to perform their missions.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations. This project provides essential permanent company operations facilities to support CS/CSS units.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support this initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... JAN 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 72149
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	448
(b) All Other Design Costs.....	268
(c) Total Design Cost.....	716
(d) Contract.....	448
(e) In-house.....	268

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... JUN 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Automated Multipurpose Machine Gun Range			
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72178		8. PROJECT COST (\$000) Auth 6,700 Approp 6,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,212
Multipurpose Machine Gun Range		FP	10	--	429,775	(4,298)
Range Control Tower		m2 (SF)	26.94	(290)	4,558	(123)
Range Operations & Storage		m2 (SF)	74.32	(800)	1,772	(132)
Classroom Building		m2 (SF)	74.32	(800)	2,346	(174)
Ammo Breakdown Building		m2 (SF)	17.19	(185)	3,558	(61)
Total from Continuation page						(424)
<u>SUPPORTING FACILITIES</u>						844
Electric Service		LS	--	--	--	(169)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(106)
Storm Drainage		LS	--	--	--	(58)
Site Imp(325) Demo()		LS	--	--	--	(325)
Information Systems		LS	--	--	--	(186)
ESTIMATED CONTRACT COST						6,056
CONTINGENCY (5.00%)						303
SUBTOTAL						6,359
SUPV, INSP & OVERHEAD (5.70%)						362
TOTAL REQUEST						6,721
TOTAL REQUEST (ROUNDED)						6,700
INSTALLED EQT-OTHER APPROP						(2,009)
10. Description of Proposed Construction Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, range operations and control area, classroom building, ammunition breakdown building, covered bleachers, range control tower, range operations and storage building, latrine, covered mess and building information systems. Supporting facilities include electric service, paving, site improvements, storm drainage, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ: 20 FP ADQT: 10 FP SUBSTD: NONE						
PROJECT: Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range at Fort Bliss, TX. (New Mission)						
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of light and heavy machine guns. Combat and combat support units require training proficiency in machine gun weapon systems. Army standard ranges with target systems affording doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 72178
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	6,805	(126)
Covered Mess	m2 (SF)	74.32 (800)	908.29	(68)
Covered Bleachers	m2 (SF)	49.80 (536)	1,546	(77)
Range Operations and Control	LS	--	--	(130)
SDD and EPAct05	LS	--	--	(9)
Building Information Systems	LS	--	--	(14)
			Total	424

CURRENT SITUATION: Currently Fort Bliss does not have adequate gunnery training areas to support the increased requirements needed for machine gun training. The mission of combat readiness is hindered due to lack of gunnery firing points. The existing machine gun range does not support the increased gunnery throughput requirements.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers that train at Fort Bliss will not be able to obtain and maintain efficiency for live fire training. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Bliss, Texas

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 72178
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs _____ YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Leonard Wood

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 380
- (b) All Other Design Costs..... 220
- (c) Total Design Cost..... 600
- (d) Contract..... 400
- (e) In-house..... 200

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Target System	OPA	2011	2,003
Info Sys - ISC	OPA	2012	6
		TOTAL	2,009

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Scout/RECCE Gunnery Complex		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72179	8. PROJECT COST (\$000) Auth 15,500 Approp 15,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,785
Scout/RECCE Gunnery Complex		LN	1 --	11324548	(11,325)
Range Control Tower		m2 (SF)	53.88 (580)	4,315	(232)
Range Operations & Storage		m2 (SF)	74.32 (800)	1,779	(132)
After Action Review Building		m2 (SF)	98.11 (1,056)	2,560	(251)
Ammunition Loading Dock		m2 (SF)	26.29 (283)	804.98	(21)
Total from Continuation page					(824)
<u>SUPPORTING FACILITIES</u>					1,230
Electric Service		LS	--	--	(246)
Site Imp(818) Demo()		LS	--	--	(818)
Information Systems		LS	--	--	(158)
Antiterrorism Measures		LS	--	--	(8)
ESTIMATED CONTRACT COST					14,015
CONTINGENCY (5.00%)					<u>701</u>
SUBTOTAL					14,716
SUPV, INSP & OVERHEAD (5.70%)					<u>839</u>
TOTAL REQUEST					15,555
TOTAL REQUEST (ROUNDED)					15,500
INSTALLED EQT-OTHER APPROP					(1,282)
10. Description of Proposed Construction Construct a standard design Scout Reconnaissance Crew Engagement(RECCE) Range complex. Primary facilities include the Scout RECCE Range, range operations and control area, range control tower, after action review building, operations & storage building, latrine, covered mess, ammunition loading dock, unit staging area, bleacher enclosure, bivouac area, antiterrorism measures, and building information systems. Supporting facilities include electric service, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 42 kW/12 Tons).					
11. REQ: 3 LN ADQT: 1 LN SUBSTD: NONE					
PROJECT: Construct a standard design Scout RECCE range complex at Fort Bliss, TX. (New Mission)					
REQUIREMENT: The Scout RECCE Range is required to provide digitally enhanced combat platforms for the Soldiers that train at Fort Bliss. The Scout RECCE Range is used to train and test crews and dismounted infantry squads on the skills necessary to detect, identify, engage and defeat stationary infantry and stationary/moving armor targets in a tactical array. In addition to live-fire, this complex can also be used for training with subcaliber and					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Scout/RECCE Gunnery Complex	5. PROJECT NUMBER 72179
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	6,805	(126)
Covered Mess	m2 (SF)	74.32 (800)	911.84	(68)
Bleacher Enclosure	m2 (SF)	49.80 (536)	1,545	(77)
Range Operations and Control	LS	--	--	(218)
Unit Staging Area	m2 (SY)	1,254 (1,500)	81.58	(102)
Bivouac Area	ha (AC)	.20 (.50)	510,000	(102)
SDD and EPAct05	LS	--	--	(12)
Antiterrorism Measures	LS	--	--	(12)
Building Information Systems	LS	--	--	(107)
			Total	824

REQUIREMENT: (CONTINUED)

laser training devices. The complex is specifically designed to satisfy the training and qualification requirements for crews and sections of armor, infantry and aviation units. This complex also supports dismounted infantry squad tactical live-fire operations either independently of, or simultaneously with, supporting vehicles.

CURRENT SITUATION: Only one training range of this type currently exists at Fort Bliss. Other existing ranges do not support the advanced weapons and command and control systems being fielded by the digitized force. They are not capable of processing digital information and situational feedback or reports to firing vehicles and units. Existing range dimensions do not support increased vehicle dispersion and greater ballistics associated with digital units. The Army's new combat and training doctrine requires digital weaponry and feedback systems.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bliss squads, crews, and platoons will continue to train on inadequate analog ranges. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately, units may enter future combat unprepared to employ the full capabilities of the digitized weapons and equipment available to its Soldiers. The Soldiers and units will not receive complete exposure to training standards, thereby representing an adverse impact to sustained weapons proficiency.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Scout/RECCE Gunnery Complex	5. PROJECT NUMBER 72179
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ADDITIONAL: (CONTINUED)
for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... DEC 2009
 - (d) Date Design Complete..... JUL 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 840
 - (b) All Other Design Costs..... 700
 - (c) Total Design Cost..... 1,540
 - (d) Contract..... 1,080
 - (e) In-house..... 460

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... SEP 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE Scout/RECCE Gunnery Complex	5.PROJECT NUMBER 72179
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Target Systems	OPA	2011	1,233
Info Sys - ISC	OPA	2012	49
		TOTAL	<hr/> 1,282

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Light Demolition Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72180	8. PROJECT COST (\$000) Auth 2,100 Approp 2,100		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,471
Light Demolition Range		FP	6 --	224,098	(1,345)
Latrines		m2 (SF)	18.58 (200)	6,799	(126)
<u>SUPPORTING FACILITIES</u>					437
Electric Service		LS	--	--	(184)
Site Imp(253) Demo()		LS	--	--	(253)
ESTIMATED CONTRACT COST					1,908
CONTINGENCY (5.00%)					95
SUBTOTAL					2,003
SUPV, INSP & OVERHEAD (5.70%)					114
TOTAL REQUEST					2,117
TOTAL REQUEST (ROUNDED)					2,100
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a standard design Light Demolition Range Complex w/Breach (LDRC). Primary facilities include the light demolition range complex with breach and latrines. Supporting facilities include electric service and site improvements.					
11. REQ: 12 FP ADQT: 6 FP SUBSTD: 2 FP					
PROJECT: Construct a standard Light Demolition Range Complex w/Breach (LDRC). (New Mission)					
REQUIREMENT: This project is required to provide explosive ordnance and combat engineering demolition training for Grow the Army units. This training area supports wire obstacle clearance, minefield breaching, steel obstacle clearance, timber clearance, concrete obstacle clearance, breach training and road cratering.					
CURRENT SITUATION: Existing range dimensions and functional areas do not support multifaceted breach and training events. The Army's new combat and training doctrine requires rapid breach and clearance activities to support unit movements and tactics.					
IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers and units will not be able to attain and maintain Army standard demolition and breaching techniques. The Soldiers and units will not receive complete exposure to					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Light Demolition Range	5. PROJECT NUMBER 72180
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IMPACT IF NOT PROVIDED: (CONTINUED)
training standards and will be less than fully qualified in their mission essential tasks.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... DEC 2009
- (d) Date Design Complete..... JUL 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 115
- (b) All Other Design Costs..... 105
- (c) Total Design Cost..... 220
- (d) Contract..... 150
- (e) In-house..... 70

(4) Construction Contract Award..... DEC 2010

(5) Construction Start..... MAR 2011

(6) Construction Completion..... FEB 2012

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Light Demolition Range	5. PROJECT NUMBER 72180
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Heavy Sniper Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72181		8. PROJECT COST (\$000) Auth 3,500 Approp 3,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,657
Heavy Sniper Range		LN	1 --		1313924	(1,314)
Range Operations and Control		EA	1 --		502,193	(502)
Range Operations Tower		m2 (SF)	26.94 (290)		2,983	(80)
Range Operations & Storage		m2 (SF)	74.32 (800)		1,771	(132)
Classroom Building		m2 (SF)	74.32 (800)		2,280	(169)
Total from Continuation page						(460)
<u>SUPPORTING FACILITIES</u>						505
Electric Service		LS	--		--	(185)
Site Imp(174) Demo()		LS	--		--	(174)
Information Systems		LS	--		--	(146)
ESTIMATED CONTRACT COST						3,162
CONTINGENCY (5.00%)						158
SUBTOTAL						3,320
SUPV, INSP & OVERHEAD (5.70%)						189
TOTAL REQUEST						3,509
TOTAL REQUEST (ROUNDED)						3,500
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Heavy Sniper Range. Primary facilities include the sniper range, range operations and control area, classroom building, ammunition breakdown building, bleacher enclosure, range operations tower, range operations and storage building, latrine, covered mess and building information systems. Supporting facilities include electric service, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		1 LN	ADQT: NONE		SUBSTD: NONE	NONE
PROJECT: Construct a standard design Heavy Sniper Range Range at Fort Bliss, TX. (New Mission)						
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of the heavy sniper rifle. Grow the Army Combat and combat support units require training proficiency in heavy sniper weapon systems.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Heavy Sniper Range	5. PROJECT NUMBER 72181
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	3,623	(67)
Covered Mess	m2 (SF)	74.32 (800)	907.43	(67)
Ammo Breakdown Building	m2 (SF)	17.19 (185)	3,706	(64)
Bleacher Enclosure	EA	726 --	108.29	(79)
SDD and EPAct05	LS	--	--	(86)
Building Information Systems	LS	--	--	(97)
			Total	460

CURRENT SITUATION: Currently Fort Bliss does not have a suitable training area that meets the requirements needed for heavy sniper gunnery. The mission of combat readiness is hindered due to lack of an adequate training area. Existing ranges do not support the current doctrine and targetry systems.

IMPACT IF NOT PROVIDED: If this facility is not provided, Soldiers will not be able to obtain and maintain proficiency for live fire training for heavy sniper engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... DEC 2009
- (d) Date Design Complete..... JUL 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE Heavy Sniper Range	5.PROJECT NUMBER 72181
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:

Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 180

(b) All Other Design Costs..... 170

(c) Total Design Cost..... 350

(d) Contract..... 245

(e) In-house..... 105

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
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NA

Installation Engineer: Michael Lockemy

Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Digital Multipurpose Training Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72182	8. PROJECT COST (\$000) Auth 22,000 Approp 22,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				18,830	
Digital Multipurpose Trng Rng	LN	1 --	16937050	(16,937)	
Digital Range Tower	m2 (SF)	89.19 (960)	4,364	(389)	
Range Operations & Storage	m2 (SF)	74.32 (800)	1,771	(132)	
After Action Review Building	m2 (SF)	334.45 (3,600)	2,233	(747)	
Ammunition Loading Dock	m2 (SF)	26.29 (283)	2,844	(75)	
Total from Continuation page				(550)	
<u>SUPPORTING FACILITIES</u>				1,419	
Electric Service	LS	--	--	(100)	
Paving, Walks, Curbs & Gutters	LS	--	--	(23)	
Storm Drainage	LS	--	--	(102)	
Site Imp(1,157) Demo()	LS	--	--	(1,157)	
Information Systems	LS	--	--	(37)	
ESTIMATED CONTRACT COST				20,249	
CONTINGENCY (5.00%)				<u>1,012</u>	
SUBTOTAL				21,261	
SUPV, INSP & OVERHEAD (5.70%)				<u>1,212</u>	
TOTAL REQUEST				22,473	
TOTAL REQUEST (ROUNDED)				22,000	
INSTALLED EQT-OTHER APPROP				(8,605)	
10. Description of Proposed Construction Construct a standard Digital Multipurpose Training Range (DMPTR). Primary facilities include the DMPTR, range operations and control area, digital range tower, after action review building, operations and storage building, latrine, covered mess, ammunition loading dock, covered bleacher, vehicle instrumentation loading dock, security lighting and fencing, and building information systems. Supporting facilities for the project include electric service, paving, walks, curbs and gutters, storm drainage, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 42 kW/12 Tons).					
11. REQ: 3 LN ADQT: 1 LN SUBSTD: NONE					
PROJECT: Construct a standard Digital Multipurpose Training Range complex at Fort Bliss, TX. (New Mission)					
REQUIREMENT: This project supports Army Transformation. The Digital Multipurpose Training Range is required to provide digitally enhanced combat platforms to support the Soldiers that train at Fort Bliss. The Digital Multipurpose Training Range is used to train and test crews and dismounted infantry squads on the skills necessary to detect, identify, engage and defeat stationary infantry and stationary/moving armor targets in a tactical array.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Digital Multipurpose Training Range	5. PROJECT NUMBER 72182
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 (200)	2,122	(39)
Covered Mess	m2 (SF)	74.32 (800)	907.43	(67)
Covered Bleachers	EA	726 --	143.52	(104)
Instrumentation Loading Dock	m2 (SF)	83.61 (900)	361.25	(30)
Range Operations & Control Area	EA	1 --	244,512	(245)
SDD and EPAct05	LS	--	--	(25)
Building Information Systems	LS	--	--	(40)
			Total	550

REQUIREMENT: (CONTINUED)

In addition to live-fire, this complex can also be used for training with subcaliber and laser training devices. The complex is specifically designed to satisfy the training and qualification requirements for crews and sections of armor, infantry and aviation units. This complex also supports dismounted infantry squad tactical live-fire operations either independently of, or simultaneously with, supporting vehicles.

CURRENT SITUATION: Only one training range of this type currently exists at Fort Bliss. Other existing ranges do not support the advanced weapons and command and control systems being fielded by the digitized force. They are not capable of processing digital information and situational feedback or reports to firing vehicles and units. Existing range dimensions do not support increased vehicle dispersion and greater ballistics associated with digital units. The Army's new combat and training doctrine requires digital weaponry and feedback systems.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bliss squads, crews, and platoons will continue to train on inadequate analog ranges. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately, units may enter future combat unprepared to employ the full capabilities of the digitized weapons and equipment available to its Soldiers. The Soldiers and units will not receive complete exposure to training standards thereby representing an adverse impact to sustained weapons proficiency.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																												
3. INSTALLATION AND LOCATION Fort Bliss, Texas																														
4. PROJECT TITLE Digital Multipurpose Training Range	5. PROJECT NUMBER 72182																													
<p>ADDITIONAL: (CONTINUED)</p> <p>engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>																														
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;"><u>SEP 2008</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2010.....</td> <td style="text-align: right;"><u>35.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;"><u>DEC 2009</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;"><u>JUL 2010</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;"><u>YES</u></td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-bid-build</td> </tr> </table> <p>(2) Basis:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Standard or Definitive Design: YES</td> <td></td> </tr> <tr> <td>(b) Where Most Recently Used:</td> <td></td> </tr> <tr> <td colspan="2">Fort Riley</td> </tr> </table> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;"><u>1,100</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;"><u>630</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;"><u>1,730</u></td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"><u>530</u></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;"><u>1,200</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2012</u></p>			(a) Date Design Started.....	<u>SEP 2008</u>	(b) Percent Complete As Of January 2010.....	<u>35.00</u>	(c) Date 35% Designed.....	<u>DEC 2009</u>	(d) Date Design Complete.....	<u>JUL 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-bid-build		(a) Standard or Definitive Design: YES		(b) Where Most Recently Used:		Fort Riley		(a) Production of Plans and Specifications.....	<u>1,100</u>	(b) All Other Design Costs.....	<u>630</u>	(c) Total Design Cost.....	<u>1,730</u>	(d) Contract.....	<u>530</u>	(e) In-house.....	<u>1,200</u>
(a) Date Design Started.....	<u>SEP 2008</u>																													
(b) Percent Complete As Of January 2010.....	<u>35.00</u>																													
(c) Date 35% Designed.....	<u>DEC 2009</u>																													
(d) Date Design Complete.....	<u>JUL 2010</u>																													
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																													
(f) Type of Design Contract: Design-bid-build																														
(a) Standard or Definitive Design: YES																														
(b) Where Most Recently Used:																														
Fort Riley																														
(a) Production of Plans and Specifications.....	<u>1,100</u>																													
(b) All Other Design Costs.....	<u>630</u>																													
(c) Total Design Cost.....	<u>1,730</u>																													
(d) Contract.....	<u>530</u>																													
(e) In-house.....	<u>1,200</u>																													

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE

Digital Multipurpose Training Range

5. PROJECT NUMBER

72182

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Target Systems	OPA	2012	8,464
Info Sys - ISC	OPA	2012	141
		TOTAL	<u>8,605</u>

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Live Fire Exercise Shoothouse		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72183	8. PROJECT COST (\$000) Auth 3,150 Approp 3,150		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,258
Live Fire Exercise Shoothouse		m2 (SF)	231.89 (2,496)	6,849	(1,588)
After Action Review Building		m2 (SF)	98.11 (1,056)	1,939	(190)
Range Operations & Storage		m2 (SF)	74.32 (800)	1,765	(131)
Latrine		m2 (SF)	18.58 (200)	3,613	(67)
Range Operation Control Area		EA	1 --	205,249	(205)
Total from Continuation page					(77)
<u>SUPPORTING FACILITIES</u>					592
Electric Service		LS	--	--	(147)
Paving, Walks, Curbs & Gutters		LS	--	--	(262)
Storm Drainage		LS	--	--	(4)
Site Imp(164) Demo()		LS	--	--	(164)
Information Systems		LS	--	--	(15)
ESTIMATED CONTRACT COST					2,850
CONTINGENCY (5.00%)					<u>143</u>
SUBTOTAL					2,993
SUPV, INSP & OVERHEAD (5.70%)					<u>171</u>
TOTAL REQUEST					3,164
TOTAL REQUEST (ROUNDED)					3,150
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Live Fire Shoothouse. Primary facilities include the shoothouse, after action review building, operations and storage building, range operations and control area, latrine, ammo breakdown building, and building information systems. Supporting facilities for the project include electric service, paving, storm drainage, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 18 kW/5 Tons).					
11. REQ: 464 m2 ADQT: 232 m2 SUBSTD: NONE					
PROJECT: Construct a standard design live fire shoothouse at Fort Bliss, TX. (New Mission)					
REQUIREMENT: This project is required to provide a facility to train and evaluate units during a live fire exercise. Units are trained and evaluated on their ability to move tactically, engage targets, conduct breaches and practice target discrimination.					
CURRENT SITUATION: Increased training requirements dictate an increase in live fire shooting training events. The number of assigned units requiring the same training increases the need for live fire training facilities. Existing shoothouse does not support increased training throughput needs.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Bliss, Texas

4. PROJECT TITLE Live Fire Exercise Shootouse	5. PROJECT NUMBER 72183
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ammo Breakdown Building	m2 (SF)	17.19 (185)	3,706	(64)
SDD and EPAct05	LS	--	--	(8)
Building Information Systems	LS	--	--	(5)
			Total	77

IMPACT IF NOT PROVIDED: If this facility is not provided, Soldiers and units will not be able to attain and maintain efficiency for live fire training in urban environments. These units will not train to standard, and Soldiers will be less than fully qualified in their mission essential tasks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 170
 - (b) All Other Design Costs..... 330
 - (c) Total Design Cost..... 500

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE Live Fire Exercise Shootouse	5.PROJECT NUMBER 72183
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	_____	350
(e) In-house.....	_____	150
(4) Construction Contract Award.....	_____	JAN 2011
(5) Construction Start.....	_____	MAR 2011
(6) Construction Completion.....	_____	MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Squad Defense Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72184		8. PROJECT COST (\$000) Auth 3,000 Approp 3,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,247
Squad Defense Range		FP	5 --		292,970	(1,465)
Range Operations Tower		m2 (SF)	26.94 (290)		2,983	(80)
Range Operations & Storage		m2 (SF)	74.32 (800)		1,771	(132)
Classroom Building		m2 (SF)	74.32 (800)		2,280	(169)
Latrine		m2 (SF)	18.58 (200)		3,623	(67)
Total from Continuation page						(334)
<u>SUPPORTING FACILITIES</u>						471
Electric Service		LS	--		--	(175)
Storm Drainage		LS	--		--	(23)
Site Imp(193) Demo()		LS	--		--	(193)
Information Systems		LS	--		--	(80)
ESTIMATED CONTRACT COST						2,718
CONTINGENCY (5.00%)						136
SUBTOTAL						2,854
SUPV, INSP & OVERHEAD (5.70%)						163
TOTAL REQUEST						3,017
TOTAL REQUEST (ROUNDED)						3,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Squad Defense Range. Primary facilities include the squad defense range, operations tower, operations and storage building, classroom building, latrine, covered mess, ammunition breakdown building, bleacher enclosure, range operations and control area, and building information systems. Supporting facilities include electric service, storm drainage, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 32 kW/9 Tons).						
11. REQ:		5 FP	ADQT: NONE		SUBSTD:	5 FP
PROJECT: Construct a standard design Squad Defense Range at Fort Bliss, TX. (New Mission)						
REQUIREMENT: This project is required to provide the active Army, Reserve, and National Guard Units with a permanent facility to exercise live fire training requirements to improve combat readiness for infantry Soldiers. This project directly supports Army Transformation.						
CURRENT SITUATION: The existing range does not support increased gunnery throughput generated from additional Grow the Army requirements and does not provide current Army standard targets and distances.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Squad Defense Range	5. PROJECT NUMBER 72184
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Mess	m2 (SF)	74.32 (800)	907.43	(67)
Ammo Breakdown Building	m2 (SF)	17.19 (185)	3,706	(64)
Bleacher Enclosure	m2 (SF)	67.45 (726)	914.14	(62)
Range Operations & Control Area	EA	1 --	92,819	(93)
SDD and EPAct05	LS	--	--	(8)
Building Information Systems	LS	--	--	(40)
			Total	334

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a significant adverse effect on unit training. Soldiers will lack valuable training and will not attain the degree of proficiency required. Knowledge of engagement decisions and weapon system capabilities will not be fully developed and acquired. Soldiers will not be trained to standard for optimum survivability in battle.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Riley

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE

Squad Defense Range

5. PROJECT NUMBER

72184

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>130</u>
(b) All Other Design Costs.....	<u>104</u>
(c) Total Design Cost.....	<u>234</u>
(d) Contract.....	<u>130</u>
(e) In-house.....	<u>104</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>MAR 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Michael Lockemy
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE THAAD Battery Complex		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 214	7. PROJECT NUMBER 74635	8. PROJECT COST (\$000) Auth 17,500 Approp 17,500		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,107
Vehicle Maintenance Shop	m2 (SF)	1,672 (	18,000)	2,607	(4,360)
Company Operations Facility	m2 (SF)	1,337 (	14,395)	2,395	(3,203)
Covered Hardstand	m2 (SF)	216.28 (	2,328)	905.02	(196)
Organization Vehicle Parking	m2 (SY)	14,214 (	17,000)	107.64	(1,530)
Organizational Storage	m2 (SF)	97.55 (	1,050)	1,023	(100)
Total from Continuation page					(718)
<u>SUPPORTING FACILITIES</u>					4,871
Electric Service	LS	--	--	--	(2,866)
Water, Sewer, Gas	LS	--	--	--	(166)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(193)
Storm Drainage	LS	--	--	--	(246)
Site Imp(917) Demo(10)	LS	--	--	--	(927)
Information Systems	LS	--	--	--	(367)
Antiterrorism Measures	LS	--	--	--	(106)
ESTIMATED CONTRACT COST					14,978
CONTINGENCY (5.00%)					749
SUBTOTAL					15,727
SUPV, INSP & OVERHEAD (5.70%)					896
DESIGN/BUILD - DESIGN COST					629
TOTAL REQUEST					17,252
TOTAL REQUEST (ROUNDED)					17,500
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Vehicle Maintenance and Company Operations Facility. Project includes company operations facility with covered hardstand, and vehicle maintenance shop. Primary facilities also include hazardous waste storage, organizational vehicle parking, organizational storage, oil storage, fire protection and fire alarm systems, mass notification system, installation of intrusion detection systems (IDS), and energy monitoring and control systems (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and utilities; storm drainage; information systems; landscaping and site improvements. Heating will be provided by self-contained systems. Anti-terrorism/Force Protection (AT/FP) will be provided by structural reinforcement, special windows and doors, high curbing, and other site measures to secure perimeter and maintain stand off distances. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 38 Tons). Demolish 1 Building (TOTAL 150 m2/1,615 SF).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE

THAAD Battery Complex

5. PROJECT NUMBER

74635

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Oil Storage Building	m2 (SF)	16.72 (180)	1,402	(23)
Hazardous Waste Storage	m2 (SF)	16.72 (180)	1,402	(23)
IDS Installation	LS	--	--	(104)
EMCS Connections	LS	--	--	(134)
SDD and EPAct05	LS	--	--	(151)
Antiterrorism Measures	LS	--	--	(189)
Building Information Systems	LS	--	--	(94)
			Total	718

11. REQ: 195,265 m2 ADQT: 67,608 m2 SUBSTD: 5,510 m2

PROJECT: Construct operational and maintenance facilities for a Theater High Altitude Area Defense (THAAD) battery complex at Fort Bliss, TX (New Mission).

REQUIREMENT: This project is required to support activation of an Air and Missile Defense (AMD) Battery for Terminal High Altitude Area Defense (THAAD) at Fort Bliss, TX.

CURRENT SITUATION: The Army will activate a THAAD Battery at Fort Bliss, Texas. New construction is required because there are no facilities to accommodate the requirement of this THAAD Battery.

IMPACT IF NOT PROVIDED: Failure to provide this project will impede the stationing of the THAAD Battery with adequate support to maintain operational readiness and significantly degrade the effectiveness of the THAAD Battery, in the event of an operational order, to deploy to a theater and provide integrated ballistic missile defense (BMD).

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE THAAD Battery Complex	5. PROJECT NUMBER 74635
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAY 2011
 - (d) Date Design Complete..... AUG 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 587
 - (b) All Other Design Costs..... 419
 - (c) Total Design Cost..... 1,006
 - (d) Contract..... 587
 - (e) In-house..... 419

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010								
3.INSTALLATION AND LOCATION Fort Bliss, Texas										
4.PROJECT TITLE THAAD Battery Complex	5.PROJECT NUMBER 74635									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table data-bbox="289 598 1502 751"> <thead> <tr> <th data-bbox="289 598 755 661"><u>Equipment</u> <u>Nomenclature</u></th> <th data-bbox="755 598 1096 661"><u>Procuring</u> <u>Appropriation</u></th> <th data-bbox="1096 598 1372 661"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th data-bbox="1372 598 1502 661"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="844 724 885 751">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
<p>Installation Engineer: Michael Lockemy Phone Number: 915-568-6200</p>										

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Hood Texas			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.87	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	5902	40728	3806	3	478	0	213 1881 13171 66,182
B. END FY 2015	5654	36535	4502	0	366	0	359 2306 12654 62,376
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	86,965 ha		(214,895 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	7,664,961						
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,133,385						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	145,050						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	20,000						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	108,000						
G. REMAINING DEFICIENCY.....	1,699,034						
H. GRAND TOTAL.....	10,770,430						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY	PROJECT			COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
178	57134	Live Fire Exercise Shootouse		2,100	03/2010	01/2011	
179	66532	Convoy Live Fire		3,200	09/2009	12/2010	
141	71462	Battalion Complex		40,000	09/2008	10/2010	
141	71465	Company Operations Facilities		4,300	09/2008	10/2010	
141	71639	Brigade Complex		38,000	09/2008	10/2010	
178	71706	Urban Assault Course		2,450	09/2008	10/2010	
211	72845	Unmanned Aerial System (UAS) Hangar		55,000	09/2009	05/2011	
				TOTAL	145,050		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
141		JLENS BTTRY		20,000			
				TOTAL	20,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):							
721		Brigade Complex BCT		108,000			
				TOTAL	108,000		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Hood, Texas

10. MISSION OR MAJOR FUNCTIONS:

Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Hood Texas				4.PROJECT TITLE Live Fire Exercise Shoothouse		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 178	7.PROJECT NUMBER 57134		8.PROJECT COST (\$000) Auth 2,100 Approp 2,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,669
Live Fire Exercise Shoothouse		m2 (SF)	231.89 (2,496)		4,132	(958)
After Action Review Building		m2 (SF)	98.11 (1,056)		2,060	(202)
Range Operations & Storage		m2 (SF)	74.32 (800)		1,551	(115)
Vault Latrine		m2 (SF)	18.58 (200)		5,693	(106)
Range Operation & Control Area		EA	1 --		223,465	(223)
Total from Continuation page						(65)
<u>SUPPORTING FACILITIES</u>						231
Electric Service		LS	--		--	(67)
Paving, Walks, Curbs & Gutters		LS	--		--	(160)
Information Systems		LS	--		--	(4)
ESTIMATED CONTRACT COST						1,900
CONTINGENCY (5.00%)						95
SUBTOTAL						1,995
SUPV, INSP & OVERHEAD (5.70%)						114
TOTAL REQUEST						2,109
TOTAL REQUEST (ROUNDED)						2,100
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design Live Fire Exercise Shoothouse. Primary facilities include the shoothouse, after action review building, operations and storage building, latrine, range operations and control area, ammunition breakdown building, and building information systems. Antiterrorism protection measures will be included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05)features will be provided. Supporting facilities include electric service, paving, and information systems. Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ:		464 m2	ADQT: 232 m2		SUBSTD:	NONE
PROJECT: Construct a standard design Live Fire Exercise Shoothouse at Fort Hood, Texas. (Current Mission)						
REQUIREMENT: This project is required to provide a facility to train and evaluate a unit during a live fire exercise. Units are trained and evaluated on their ability to move tactically (enter and clear a room; enter and clear a building), engage targets, conduct breaches and practice target discrimination.						
CURRENT SITUATION: Increased training requirements dictate an increase in live fire shooting training events. The number of assigned units, coupled with Army Reserve and National Guard units requiring the same training, increase						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Live Fire Exercise Shoothouse	5. PROJECT NUMBER 57134
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ammunition Breakdown Building	m2 (SF)	11.15 (120)	3,247	(36)
SDD and EPAct05	LS	--	--	(6)
Antiterrorism Measures	LS	--	--	(6)
Building Information Systems	LS	--	--	(17)
			Total	65

CURRENT SITUATION: (CONTINUED)

the need for live fire training facilities.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers and units will not be able to attain and maintain efficiency for live fire training in urban environments. These units will not be trained to standard and Soldiers will be less than fully prepared in their mission essential tasks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAR 2010
- (b) Percent Complete As Of January 2010..... .00
- (c) Date 35% Designed..... AUG 2010
- (d) Date Design Complete..... JAN 2011
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Live Fire Exercise Shoothouse	5. PROJECT NUMBER 57134
---	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>117</u>
(b) All Other Design Costs.....	<u>93</u>
(c) Total Design Cost.....	<u>210</u>
(d) Contract.....	<u>117</u>
(e) In-house.....	<u>93</u>
(4) Construction Contract Award.....	<u>MAY 2011</u>
(5) Construction Start.....	<u>JUL 2011</u>
(6) Construction Completion.....	<u>JUL 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Roderick Chisholm
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Convoy Live Fire		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 179	7. PROJECT NUMBER 66532	8. PROJECT COST (\$000) Auth 3,200 Approp 3,200		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Convoy Live Fire Course	SN	7 --		217,032	2,797 (1,519)
Convoy Road Upgrades	m (LF)	9,656 (31,680)		116.87	(1,129)
Latrine	m2 (SF)	18.58 (200)		2,351	(44)
Range Operations & Storage Bldg	m2 (SF)	74.32 (800)		630.03	(47)
Ammo Breakdown Facility	m2 (SF)	17.19 (185)		1,266	(22)
Total from Continuation page					(36)
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--		--	103 (71)
Site Imp() Demo(5)	LS	--		--	(5)
Information Systems	LS	--		--	(27)
ESTIMATED CONTRACT COST					2,900
CONTINGENCY (5.00%)					145
SUBTOTAL					3,045
SUPV, INSP & OVERHEAD (5.70%)					174
TOTAL REQUEST					3,219
TOTAL REQUEST (ROUNDED)					3,200
INSTALLED EQT-OTHER APPROP					(1,272)
10. Description of Proposed Construction Construct a standard design Convoy Live Fire Course. Primary facilities include the Convoy Live Fire Course with multiple training stations, convoy road upgrades, latrine, range operations and storage building, ammunition breakdown facility, unit staging area, range operations control area, antiterrorism measures, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, site improvements and information systems. Air Conditioning (Estimated 7 kW/2 Tons).					
11. REQ: 7 SN ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design Convoy Live Fire Course at Fort Hood, TX. (Current mission.)					
REQUIREMENT: The Convoy Live Fire Course provides the leader with a facility to train and evaluate the unit during a live fire exercise. Units are trained and evaluated on their ability to move tactically, engage targets, improvised explosive devices, and practice target discrimination. This project supports Soldiers at Fort Hood in active Army, Reserve and National Guard Units. Active and reserve Soldiers must have training in a live fire environment. Total number of training days available to support live fire shooting in an urban					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Convoy Live Fire	5. PROJECT NUMBER 66532
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Unit Staging Area	EA	1 --	23,067	(23)
Range Operations Control Area	EA	1 --	7,570	(8)
SDD and EPAct05	LS	--	--	(1)
Antiterrorism Measures	LS	--	--	(1)
Building Information Systems	LS	--	--	(3)
			Total	36

REQUIREMENT: (CONTINUED)

zone drive the through put gunnery needs.

CURRENT SITUATION: Fort Hood currently does not have a standard Live Fire Convoy training facility. Increased training requirements generated from lessons learned from current deployed units dictate an increase in live fire shooting training events. Number of current and newly assigned units coupled with reserve and national guard units requiring the same training drive the throughput needs for live fire training facilities.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers of Fort Hood and Reserve and National Guard units will not be able to obtain and maintain efficiency for live fire training in urban environments. These units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2010..... 5.00
- (c) Date 35% Designed..... JUN 2010
- (d) Date Design Complete..... DEC 2010

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Convoy Live Fire	5. PROJECT NUMBER 66532
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) Parametric Cost Estimating Used to Develop Costs _____ NO

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Stewart

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	152
(b) All Other Design Costs.....	122
(c) Total Design Cost.....	274
(d) Contract.....	152
(e) In-house.....	122

(4) Construction Contract Award..... MAR 2011

(5) Construction Start..... MAY 2011

(6) Construction Completion..... APR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Target Systems	OPA	2013	1,270
Info Sys - ISC	OPA	2013	2
		TOTAL	<u>1,272</u>

Installation Engineer: Roderick Chisholm
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Battalion Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71462		8. PROJECT COST (\$000) Auth 40,000 Approp 40,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,869
Company Operations Facilities		m2 (SF)	4,376 (47,101)		1,903	(8,327)
Covered Hardstand		m2 (SF)	743.04 (7,998)		824.14	(612)
Battalion HQs w/ Classrooms		m2 (SF)	3,047 (32,800)		2,274	(6,930)
Organizational Storage		m2 (SF)	747.87 (8,050)		1,182	(884)
Special Foundations		LS	--		--	(602)
Total from Continuation page						(8,514)
<u>SUPPORTING FACILITIES</u>						9,728
Electric Service		LS	--		--	(345)
Water, Sewer, Gas		LS	--		--	(1,937)
Paving, Walks, Curbs & Gutters		LS	--		--	(4,270)
Storm Drainage		LS	--		--	(832)
Site Imp(1,692) Demo()		LS	--		--	(1,692)
Information Systems		LS	--		--	(625)
Antiterrorism Measures		LS	--		--	(27)
ESTIMATED CONTRACT COST						35,597
CONTINGENCY (5.00%)						<u>1,780</u>
SUBTOTAL						37,377
SUPV, INSP & OVERHEAD (5.70%)						<u>2,130</u>
TOTAL REQUEST						39,507
TOTAL REQUEST (ROUNDED)						40,000
INSTALLED EQT-OTHER APPROP						(1,950)
10. Description of Proposed Construction Construct standard design battalion complex facilities. Project includes battalion headquarters with classrooms and company operations facilities with covered hardstand. Primary facilities also include organizational storage, special foundations, sanitary sewer with lift station, fire protection and fire alarm systems, mass notification system, installation of intrusion detection systems (IDS), and energy monitoring and control system (EMCS) connections. Supporting facilities include electrical, water, and gas utilities; exterior and security lighting; fencing, paving, walks, curbs and gutters; storm drainage; information systems; landscaping and site improvements. Special foundation work is required due to expansive soils. Heating and air conditioning will be provided by self-contained systems. Anti-terrorism/Force Protection (AT/FP) will be provided. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Sewer distribution lines and connections to existing systems will be provided by utility privatization (UP) contractors for Fort Hood. Air Conditioning (Estimated 1,407 kW/400 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 71462
---------------------------------------	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Sanitary Sewage Infrastructure	LS	--	--	(572)
UP Sewer Dist Lines/Connections	LS	--	--	(6,620)
IDS Installation	LS	--	--	(38)
EMCS Connections	LS	--	--	(77)
SDD and EPAct05	LS	--	--	(305)
Antiterrorism Measures	LS	--	--	(305)
Building Information Systems	LS	--	--	(597)
			Total	8,514

11. REQ: 402,996 m2 ADQT: 161,101 m2 SUBSTD: 5,025 m2

PROJECT: Construct standard design battalion complex facilities at Fort Hood, TX. (New Mission)

REQUIREMENT: This project is needed to support troop increases supporting the Grow the Army (GTA) initiative. It supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support this initiative.

ADDITIONAL: Under 10 USC 2688 as amended, the Secretary of a Military Department is authorized to convey additional utility infrastructure to a utility system that has already been privatized. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE Battalion Complex	5.PROJECT NUMBER 71462
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 800
 - (b) All Other Design Costs..... 599
 - (c) Total Design Cost..... 1,399
 - (d) Contract..... 800
 - (e) In-house..... 599

 - (4) Construction Contract Award..... JAN 2011

 - (5) Construction Start..... MAR 2011

 - (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE Battalion Complex	5.PROJECT NUMBER 71462
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS Equipment	OPA	2011	60
Info Sys - ISC	OPA	2012	1,890
		TOTAL	<u>1,950</u>

Installation Engineer: Roderick Chisholm
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Company Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71465		8. PROJECT COST (\$000) Auth 4,300 Approp 4,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						2,997
Company Operations Facility		m2 (SF)	1,601 (17,230)		1,470	(2,353)
Covered Hardstand		m2 (SF)	277.32 (2,985)		541.56	(150)
Special Foundations		LS	--		--	(85)
IDS Installation		LS	--		--	(6)
EMCS Connections		LS	--		--	(12)
Total from Continuation page						(391)
SUPPORTING FACILITIES						897
Electric Service		LS	--		--	(55)
Water, Sewer, Gas		LS	--		--	(52)
Paving, Walks, Curbs & Gutters		LS	--		--	(198)
Storm Drainage		LS	--		--	(62)
Site Imp(65) Demo()		LS	--		--	(65)
Information Systems		LS	--		--	(458)
Antiterrorism Measures		LS	--		--	(7)
ESTIMATED CONTRACT COST						3,894
CONTINGENCY (5.00%)						195
SUBTOTAL						4,089
SUPV, INSP & OVERHEAD (5.70%)						233
TOTAL REQUEST						4,322
TOTAL REQUEST (ROUNDED)						4,300
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Company Operation Facility (COF) with covered hardstand. Project includes building information systems, installation of intrusion detection system (IDS) and connection to Energy Monitoring and Control Systems (EMCS). Supporting facilities include utilities; electric service; exterior lighting; paving, walks, curbs and gutters; parking; fire protection and alarm systems; storm drainage; site improvements; and information systems. Accessibility for individuals with disabilities will be provided in public areas. Heating will be provided by self-contained systems. Special foundations required due to expansive soil. Anti-Terrorism/Force Protection measures include hardening of the building, doors, mass notification system and laminated glass. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 879 kW/250 Tons).						
11. REQ:		402,996 m2	ADQT: 161,148 m2		SUBSTD:	5,025 m2
PROJECT: Construct a standard design Company Operation Facility at Fort Hood, TX. (New Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 71465
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(47)
Antiterrorism Measures	LS	--	--	(47)
Building Information Systems	LS	--	--	(297)
Total				391

REQUIREMENT: This requirement is needed to support the troop increases associated with the Grow the Army (GTA) initiative.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support Army growth.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Company Operations Facilities	5. PROJECT NUMBER 71465
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	82
(b) All Other Design Costs.....	82
(c) Total Design Cost.....	164
(d) Contract.....	82
(e) In-house.....	82
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Roderick Chisholm
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 71639	8. PROJECT COST (\$000) Auth 38,000 Approp 38,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					28,987
Company Operations Facilities	m2 (SF)	5,977 (64,331)		1,680	(10,043)
Covered Hardstand	m2 (SF)	1,020 (10,983)		728.10	(743)
Vehicle Maintenance Shop	m2 (SF)	5,298 (57,031)		1,894	(10,033)
Organizational Vehicle Parking	m2 (SF)	54,265 (584,100)		100.21	(5,438)
POL Storage	m2 (SF)	94.76 (1,020)		987.26	(94)
Total from Continuation page					(2,636)
<u>SUPPORTING FACILITIES</u>					5,692
Electric Service	LS	--		--	(1,480)
Water, Sewer, Gas	LS	--		--	(310)
Paving, Walks, Curbs & Gutters	LS	--		--	(1,341)
Storm Drainage	LS	--		--	(164)
Site Imp(2,333) Demo()	LS	--		--	(2,333)
Information Systems	LS	--		--	(34)
Antiterrorism Measures	LS	--		--	(30)
ESTIMATED CONTRACT COST					34,679
CONTINGENCY (5.00%)					<u>1,734</u>
SUBTOTAL					36,413
SUPV, INSP & OVERHEAD (5.70%)					<u>2,076</u>
TOTAL REQUEST					38,489
TOTAL REQUEST (ROUNDED)					38,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct standard design brigade complex facilities. Project includes company operations facilities with covered hardstand and vehicle maintenance shop. Primary facilities also include organizational vehicle parking, Petroleum, Oil and Lubricants storage, hazardous material storage, Unmanned Aerial Vehicle (UAV) storage and maintenance facility, special foundations, fire protection and fire alarm systems, mass notification system, installation of intrusion detection systems (IDS), and energy monitoring and control system (EMCS) connections and building information systems. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; exterior and security lighting; fencing, paving, walks, curbs and gutters; storm drainage; information systems; landscaping and site improvements. Special foundation work is required due to expansive soils. Heating and air conditioning will be provided by self-contained systems. Anti-terrorism/Force Protection (AT/FP) will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided in public areas. Air Conditioning (Estimated 1,505 kW/428 Tons).					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE

Brigade Complex

5. PROJECT NUMBER

71639

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hazardous Material Storage	m2 (SF)	94.76 (1,020)	987.26	(94)
UAV Maintenance & Storage Fac	m2 (SF)	167.23 (1,800)	2,599	(435)
Special Foundations	LS	--	--	(809)
IDS Installation	LS	--	--	(53)
EMCS Connections	LS	--	--	(107)
SDD and EPAct05	LS	--	--	(416)
Antiterrorism Measures	LS	--	--	(416)
Building Information Systems	LS	--	--	(306)
			Total	2,636

11. REQ: 402,996 m2 ADQT: 161,101 m2 SUBSTD: 5,025 m2

PROJECT: Construct standard design Brigade Complex facilities at Fort Hood, TX. (New Mission)

REQUIREMENT: This project is needed to support the troop increases associated with Grow the Army (GTA) initiative. It supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units will require administrative, operational and maintenance facilities in order to perform their missions.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations. This project provides essential permanent company and battalion operations facilities and vehicle maintenance facilities to support CS/CSS units.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support this initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Brigade Complex	5. PROJECT NUMBER 71639
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ADDITIONAL: (CONTINUED)
into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Drum

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 947
 - (b) All Other Design Costs..... 568
 - (c) Total Design Cost..... 1,515
 - (d) Contract..... 947
 - (e) In-house..... 568

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010								
3.INSTALLATION AND LOCATION Fort Hood, Texas										
4.PROJECT TITLE Brigade Complex	5.PROJECT NUMBER 71639									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table data-bbox="289 598 1502 751"> <thead> <tr> <th data-bbox="289 598 755 661"><u>Equipment</u> <u>Nomenclature</u></th> <th data-bbox="755 598 1128 661"><u>Procuring</u> <u>Appropriation</u></th> <th data-bbox="1128 598 1372 661"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th data-bbox="1372 598 1502 661"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="844 724 885 751">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										
<p>Installation Engineer: Roderick Chisholm Phone Number: 254-287-5707</p>										

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 71706	8. PROJECT COST (\$000) Auth 2,450 Approp 2,450		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Urban Assault Course	FP	5 --		297,208	1,870
Range Operations & Control Area	EA	1 --		50,960	(1,486)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)		3,007	(51)
Operations/Storage Building	m2 (SF)	74.32 (800)		1,495	(52)
Latrine	m2 (SF)	18.58 (200)		5,746	(111)
Total from Continuation page					(107)
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--		--	(63)
Paving, Walks, Curbs & Gutters	LS	--		--	(359)
Information Systems	LS	--		--	(166)
ESTIMATED CONTRACT COST					2,229
CONTINGENCY (5.00%)					<u>111</u>
SUBTOTAL					2,340
SUPV, INSP & OVERHEAD (5.70%)					<u>133</u>
TOTAL REQUEST					2,473
TOTAL REQUEST (ROUNDED)					2,450
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard Urban Assault Course (UAC). Primary facilities include the UAC, range operations and control area, ammunition breakdown building, operations and storage building, latrine, and building information systems. Supporting facilities include electric service, paving, walks, curbs, gutters, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 7 kW/2 Tons).					
11. REQ:	10 FP	ADQT:	5 FP	SUBSTD:	NONE
PROJECT: Construct a standard Urban Assault Course at Fort Hood, TX. (Current Mission)					
REQUIREMENT: This project is required for training Active Army, Reserve and National Guard units in tactics, techniques and procedures required for training in an urban environment under simulated full spectrum operational conditions. The Urban Assault Course supports the Army's combined arms urban operations training strategy.					
CURRENT SITUATION: Fort Hood does not have adequate capacity at its Urban Assault Courses. The need for urban assault course training is marginally being met. Additional capacity is needed to support the quantity of Soldiers and the resulting training throughput.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 71706
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(2)
Building Information Systems	LS	--	--	(61)
			Total	63

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will not have adequate training in accordance with current standards and requirements.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 140
- (b) All Other Design Costs..... 330
- (c) Total Design Cost..... 470
- (d) Contract..... 170

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 71706
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) In-house..... 300
- (4) Construction Contract Award..... DEC 2010
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Roderick Chisholm
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Unmanned Aerial System (UAS) Hangar		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 211	7. PROJECT NUMBER 72845		8. PROJECT COST (\$000) Auth 55,000 Approp 55,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						35,969
UAS Maintenance Hangar		m2 (SF)	12,021 (129,389)		2,380	(28,608)
Fixed Wing Taxiway		m2 (SY)	28,269 (33,810)		60.60	(1,713)
Fixed-Wing Parking Apron		m2 (SY)	11,371 (13,600)		60.60	(689)
Elevated Water Storage Tank		L (GA)	3785412 (1000000)		.52	(1,970)
Special Foundations		LS	--		--	(1,462)
Total from Continuation page						(1,527)
<u>SUPPORTING FACILITIES</u>						11,349
Electric Service		LS	--		--	(3,989)
Water, Sewer, Gas		LS	--		--	(2,626)
Paving, Walks, Curbs & Gutters		LS	--		--	(535)
Storm Drainage		LS	--		--	(1,019)
Site Imp(2,694) Demo()		LS	--		--	(2,694)
Information Systems		LS	--		--	(177)
Antiterrorism Measures		LS	--		--	(309)
ESTIMATED CONTRACT COST						47,318
CONTINGENCY (5.00%)						2,366
SUBTOTAL						49,684
SUPV, INSP & OVERHEAD (5.70%)						2,832
DESIGN/BUILD - DESIGN COST						1,987
TOTAL REQUEST						54,503
TOTAL REQUEST (ROUNDED)						55,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Tactical Unmanned Aerial Systems (UAS) Maintenance Hangar. Primary facilities include the UAS maintenance hangar; parking apron; taxiways; water storage tank; building information systems; fire alarm and fire suppression systems; Intrusion Detection Systems (IDS) installation; and Energy Management Control System (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; paving, parking, walks, curbs and gutters; storm drainage; security lighting and fencing; site improvements; and information systems. Heating will be provided by self-contained systems. Access for persons with disabilities will be provided in public areas. Anti-Terrorism Force Protection (AT/FP) measures will be provided. Comprehensive building and furnishings related design services are required. Special foundation work is required due to expansive soils. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 302 kW/86 Tons).						
11. REQ:		88,795 m2	ADQT:	71,429 m2	SUBSTD:	NONE
PROJECT: Construct a standard design UAS Maintenance Hangar at Fort Hood, TX. (New Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Unmanned Aerial System (UAS) Hangar	5. PROJECT NUMBER 72845
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(62)
EMCS Connection	LS	--	--	(80)
SDD and EPAct05	LS	--	--	(572)
Antiterrorism Measures	LS	--	--	(572)
Building Information Systems	LS	--	--	<u>(241)</u>
			Total	1,527

REQUIREMENT: This project is required to provide shelter for the maintenance and repair of unmanned aerial system aircraft and control platforms.

CURRENT SITUATION: UAS maintenance and storage activities must compete with rotary wing and fixed wing aircraft for hangar space.

IMPACT IF NOT PROVIDED: If this project is not provided, the UAS mission on Fort Hood will continue to lack adequate maintenance and storage space. Inadequate storage and maintenance space will place sensitive avionics equipment at risk for higher wear-and-tear and premature failure.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Unmanned Aerial System (UAS) Hangar	5. PROJECT NUMBER 72845
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,020
(b) All Other Design Costs.....	1,020
(c) Total Design Cost.....	2,040
(d) Contract.....	1,020
(e) In-house.....	1,020
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	FEB 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Roderick Chisholm
Phone Number: 254-287-5707

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Sam Houston Texas			4. COMMAND US Army Health Services Command			5. AREA CONSTRUCTION COST INDEX 0.94	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	2787	5928	4987	687	6510	71	260 1939 5829 28,998
B. END FY 2015	3142	6380	5990	1026	9606	88	493 3265 6839 36,829
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	12,517 ha		(30,929 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							2,688,644
C. AUTHORIZATION NOT YET IN INVENTORY.....							349,846
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							22,200
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							12,800
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							804,513
H. GRAND TOTAL.....							3,878,003
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
172	67194	Simulations Center		16,000	09/2008	10/2010	
141	71116	Training Aids Center		6,200	09/2008	05/2011	
TOTAL				22,200			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
214	Tactical Equipment Maintenance Facility			12,800			
TOTAL				12,800			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
<p>The mission of HQ, Fort Sam Houston, is: command and control Fort Sam Houston, its sub-installations and assigned or attached FORSCOM units or activities; provide support to activities within its geographical support area. Major activities on Fort Sam Houston include: HQ, Fifth U.S. Army; HQ, Health Services Command; Academy of Health Sciences; Brooke Army Medical Center, HQ, Fifth Recruiting Brigade; San Antonio Contracting Center, USAF; San Antonio Hydrographic/Topographic Center, DMA; HQ, Inter-American Geodetic Survey, DNA. The Camp Bullis sub-installation, in addition to its function as a reserve component training site, serves as a range and maneuver training area for active component activities such as: Academy of Health Sciences, Fort Sam Houston; 3287th Technical Squadron, Lackland AFB; and numerous units from Fort Hood.</p>							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Sam Houston, Texas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Sam Houston Texas				4.PROJECT TITLE Simulations Center		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 172	7.PROJECT NUMBER 67194		8.PROJECT COST (\$000) Auth 16,000 Approp 16,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						12,382
Battle Command Training Center		m2 (SF)	4,279 (46,060)		2,060	(8,813)
Access Control Facility		m2 (SF)	37.16 (400)		3,475	(129)
Tactical Operations Pads (TOP)		m2 (SY)	1,806 (2,160)		163.83	(296)
IDS Installation		LS	--		--	(550)
EMCS Connection		LS	--		--	(29)
Total from Continuation page						(2,565)
SUPPORTING FACILITIES						2,240
Electric Service		LS	--		--	(335)
Water, Sewer, Gas		LS	--		--	(179)
Paving, Walks, Curbs & Gutters		LS	--		--	(677)
Storm Drainage		LS	--		--	(219)
Site Imp(591) Demo()		LS	--		--	(591)
Information Systems		LS	--		--	(196)
Antiterrorism Measures		LS	--		--	(43)
ESTIMATED CONTRACT COST						14,622
CONTINGENCY (5.00%)						731
SUBTOTAL						15,353
SUPV, INSP & OVERHEAD (5.70%)						875
TOTAL REQUEST						16,228
TOTAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design Battle Command Training Center (BCTC). Primary facilities include the BCTC, access control facility, Tactical Operations Pads (TOP), Intrusion Detection System (IDS) installation, Energy Monitoring and Control System (EMCS) connections, special foundation, and building information systems. Supporting facilities include: electric service; water, sewer and gas; paving; storm drainage; site improvements; and information systems. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Antiterrorism measures are included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 317 kW/90 Tons).						
11. REQ:		4,279 m2	ADQT: NONE		SUBSTD:	1,369 m2
PROJECT: Construct a standard design Battle Command Training Center at Fort Sam Houston, TX. (Current Mission)						
REQUIREMENT: This project is required to support individual and collective digital training and battle staff training using constructive simulations with command, control, communications, computers and intelligence (C4I) interoperability. This project is required to provide effective training in the command and control of individual, as well as, combined operations in a						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Sam Houston, Texas

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 67194
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundation	LS	--	--	(168)
SDD and EPAct05	LS	--	--	(220)
Antiterrorism Measures	LS	--	--	(220)
Building Information Systems	LS	--	--	(1,957)
			Total	2,565

REQUIREMENT: (CONTINUED)

simulated tactical environment. This project is required to support several different levels of battle command training for contingency force units and various additional combat, combat support, and combat service support units. Battle simulations and command post exercises are conducted at Company, Battalion, Brigade, Division, Corps and Joint levels. Size and complexity of battle command training using simulations and C4I systems have increased significantly.

CURRENT SITUATION: Current Battle Command capability does not support expanded training needs for battle command using increased simulations, instrumentation and C4I systems. Present training limits the integration of combat systems C4I systems, and equipment and does not provide a platform for integration of other Army and Joint Battle Command Systems. Minimum required capabilities of integrating architecture, operational C4I system stimulation, reach capability and training sustainment are not available.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Sam Houston will not have adequate Battle Command Training and Simulation Enhanced Facilities for individual and collective digital and battle staff training. The quality of battle command and staff simulation exercises and unit C4I expertise will decline. Essential training and skill development will not be able to keep pace with mission demands.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Sam Houston, Texas		
4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 67194	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Riley</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>750</u></p> <p>(b) All Other Design Costs..... <u>412</u></p> <p>(c) Total Design Cost..... <u>1,162</u></p> <p>(d) Contract..... <u>750</u></p> <p>(e) In-house..... <u>412</u></p> <p>(4) Construction Contract Award..... <u>FEB 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2013</u></p>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Sam Houston, Texas

4.PROJECT TITLE Simulations Center	5.PROJECT NUMBER 67194
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: William Blount
Phone Number: 210-221-3009

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Sam Houston Texas				4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71116		8. PROJECT COST (\$000) Auth 6,200 Approp 6,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						4,386
Training Aids Center		m2 (SF)	2,713 (29,200)		1,483	(4,022)
Storage Shed, Covered		m2 (SF)	33.82 (364)		485.84	(16)
Special Foundations		m2 (SF)	2,713 (29,200)		53.82	(146)
IDS Installation		m2 (SF)	2,713 (29,200)		3.01	(8)
EMCS Connection		EA	29,200 --		.92	(27)
Total from Continuation page						(167)
SUPPORTING FACILITIES						1,009
Electric Service		LS	--		--	(91)
Water, Sewer, Gas		LS	--		--	(94)
Paving, Walks, Curbs & Gutters		LS	--		--	(329)
Storm Drainage		LS	--		--	(83)
Site Imp(223) Demo()		LS	--		--	(223)
Information Systems		LS	--		--	(174)
Antiterrorism Measures		LS	--		--	(15)
ESTIMATED CONTRACT COST						5,395
CONTINGENCY (5.00%)						270
SUBTOTAL						5,665
SUPV, INSP & OVERHEAD (5.70%)						323
DESIGN/BUILD - DESIGN COST						227
TOTAL REQUEST						6,215
TOTAL REQUEST (ROUNDED)						6,200
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Training Aids Center (TAC). Primary facilities include the TAC, storage shed, installation of Intrusion Detection System (IDS), connection to Energy Monitoring and Control System (EMCS), antiterrorism measures and building information systems. Supporting facilities include electric service, water, paving, walks, curbs and gutters, sanitary sewer, site preparation/improvements and information systems. Heating and air conditioning will be provided by self contained systems. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Special foundations are required. Air Conditioning (Estimated 127 kW/36 Tons).						
11. REQ:		2,713 m2	ADQT: NONE		SUBSTD:	1,600 m2
PROJECT: Construct a standard design Training Aids Center at Fort Sam Houston, TX. (Current Mission)						
REQUIREMENT: Army relocations to Fort Sam Houston will increase the quantity and type of live and virtual training devices used. Additional storage is needed to support the increases in training aid devices and to protect the						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Sam Houston, Texas

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 71116
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(79)
Antiterrorism Measures	LS	--	--	(50)
Building Information Systems	LS	--	--	(38)
			Total	167

REQUIREMENT: (CONTINUED)

investment for those devices.

CURRENT SITUATION: Existing substandard warehouse buildings do not have additional capacity to support increased training aids and devices. Current warehouse buildings are fully engaged supporting existing missions.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Sam Houston will not be able to protect the training aid and device investment. Training components will be exposed to the elements drastically reducing useful life and compromising reliable use for training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION Fort Sam Houston, Texas	
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4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 71116
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	145
(b) All Other Design Costs.....	87
(c) Total Design Cost.....	232
(d) Contract.....	145
(e) In-house.....	87
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: William Blount
Phone Number: 210-221-3009

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2011
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Virginia	Fort Eustis (IMCOM)				527
71539	Warrior in Transition Complex	18,000	18,000	C	529
	Subtotal Fort Eustis Part I	\$ 18,000	18,000		
	Fort A P Hill (IMCOM)				533
65726	MOUT Collective Training Fac	65,000	65,000	N	535
65789	Indoor Firing Range	6,200	6,200	N	538
65790	Light Demolition Range	4,100	4,100	N	541
65791	1200 Meter Range	14,500	14,500	N	544
65792	Known Distance Range	3,800	3,800	N	547
	Subtotal Fort A P Hill Part I	\$ 93,600	93,600		
	Fort Lee (IMCOM)				551
60449	Automated Qualification Training Range	7,700	7,700	C	553
67363	Museum Operations Support Building	30,000	30,000	C	557
71114	Training Aids Center	5,800	5,800	C	560
73298	Company Operations Facility	4,900	4,900	C	563
	Subtotal Fort Lee Part I	\$ 48,400	48,400		
	* TOTAL MCA FOR Virginia	\$ 160,000	160,000		

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010			
3. INSTALLATION AND LOCATION Fort Eustis Virginia				4. COMMAND US Army Installation Management Command				5. AREA CONSTRUCTION COST INDEX 0.97			
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.	AS OF 03 NOV 2009	802	4997	2081	278	2782	33	72	256	2624	13,925
B.	END FY 2015	1026	4833	2612	150	2270	14	113	288	3000	14,306
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		3,925 ha			(9,699 AC)						
B. INVENTORY TOTAL AS OF 31 DEC 2008.....											2,344,977
C. AUTHORIZATION NOT YET IN INVENTORY.....											322,224
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....											18,000
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....											58,400
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....											0
G. REMAINING DEFICIENCY.....											539,975
H. GRAND TOTAL.....											3,283,576
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:											
CATEGORY PROJECT							COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE					(\$000)	START	COMPLETE		
721	71539	Warrior in Transition Complex					18,000	08/2008	05/2011		
							TOTAL	18,000			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY							COST				
CODE		PROJECT TITLE					(\$000)				
A. INCLUDED IN THE FY 2012 PROGRAM:											
141		Passenger Processing Facility					5,200				
721		Advance Individual Trainee Barracks, Ph 1					53,200				
							TOTAL	58,400			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
							C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	N/A			
10. MISSION OR MAJOR FUNCTIONS:											
<p>The mission of the US Army Transportation Center is to provide base operations support and infrastructure for 86 Army, Joint and other Federal agencies; conduct Power Projection as one of the Army's 15 Power Projection Platforms; provide world-class maritime and coastal training facilities for all services; host and support 27 U.S. Army Reserve units training and mobilization, and Reserve Component mobilization, deployment and training; serve as home of the U.S. Army Transportation School; execute, plan and train the Army's Title 10 port and watercraft operations responsibilities. Provide logistical support to the U.S. Army Aviation Logistics School, the US Army Training Support Center, the Noncommissioned Officers Academy, the Joint Deployment Training Center, 7th Transportation Group, the Military Surface Deployment and Distribution Command, and other major organizations.</p>											

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Eustis, Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Eustis Virginia				4.PROJECT TITLE Warrior in Transition Complex		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 71539		8.PROJECT COST (\$000) Auth 18,000 Approp 18,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,076
Barracks, WT		m2 (SF)	4,478 (48,200)		2,425	(10,857)
Special Foundations		LS	--		--	(460)
EMCS Connections		LS	--		--	(75)
SDD and EPAct05		LS	--		--	(214)
Antiterrorism Measures		LS	--		--	(321)
Building Information Systems		LS	--		--	(149)
<u>SUPPORTING FACILITIES</u>						3,347
Electric Service		LS	--		--	(614)
Water, Sewer, Gas		LS	--		--	(476)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,111)
Storm Drainage		LS	--		--	(257)
Site Imp(746) Demo()		LS	--		--	(746)
Information Systems		LS	--		--	(128)
Antiterrorism Measures		LS	--		--	(15)
ESTIMATED CONTRACT COST						15,423
CONTINGENCY (5.00%)						771
SUBTOTAL						16,194
SUPV, INSP & OVERHEAD (5.70%)						923
DESIGN/BUILD - DESIGN COST						648
TOTAL REQUEST						17,765
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a Warrior in Transition (WT) Complex. Primary facilities include a standard criteria Warrior in Transition Barracks, special foundations, building information systems, and connection to Energy Monitoring Control System (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 features will be included. Measures in accordance with the Department of Defense (DOD) Minimum Antiterrorism for Buildings standards will be provided. Supporting facilities include site work, all necessary utilities, lighting, information systems, paving, parking, sidewalks, curbs, gutters, storm drainage, site accessories, landscaping, and site improvements. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Heating and air conditioning will be provided by self contained systems. Air Conditioning (Estimated 735 kW/209 Tons).						
11. REQ:		80 PN ADQT:		NONE SUBSTD:		68 PN
PROJECT: Construct a Warrior in Transition (WT) Complex at Fort Eustis, VA. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Eustis, Virginia

4. PROJECT TITLE Warrior in Transition Complex	5. PROJECT NUMBER 71539
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REQUIREMENT: This project is required to support the healing and transition of Warrior in Transition Soldiers. This project is intended to provide barracks for 80 Warrior in Transition Soldiers. Maximum utilization is 80 Soldiers.

CURRENT SITUATION: Fort Eustis currently lacks a Warrior in Transition Complex but supports 124 Warriors in Transition in four non-located buildings. Two of the buildings, built in 1971, are two story barracks without elevators. There are no facilities on or off the installation which can adequately provide the required services for the Warrior in Transition Soldiers and their families.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Eustis will continue to lack adequate facilities to support the Soldiers healing process, minimize the time required for them to travel to care and the time to transition back to active status or civilian life.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Riley

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Eustis, Virginia

4. PROJECT TITLE Warrior in Transition Complex	5. PROJECT NUMBER 71539
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>633</u>
(b) All Other Design Costs.....	<u>380</u>
(c) Total Design Cost.....	<u>1,013</u>
(d) Contract.....	<u>633</u>
(e) In-house.....	<u>380</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>SEP 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Mark J. Sciacchitano
Phone Number: 757-878-3509 x 229

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1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 27 JAN 2010		
3. INSTALLATION AND LOCATION Fort A P Hill Virginia			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.97		
6. PERSONNEL STRENGTH:								
		PERMANENT		STUDENTS		SUPPORTED		
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
		TOTAL						
A.	AS OF 03 NOV 2009	61	359	210	0	0	0	
B.	END FY 2015	22	355	257	1	55	0	
							492	
							1149	
							522	
							2,793	
							500	
							1167	
							507	
							2,864	
7. INVENTORY DATA (\$000)								
A.	TOTAL AREA.....	30,705 ha		(75,873 AC)				
B.	INVENTORY TOTAL AS OF 31 DEC 2008.....							655,706
C.	AUTHORIZATION NOT YET IN INVENTORY.....							41,848
D.	AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							93,600
E.	AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							0
F.	PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G.	REMAINING DEFICIENCY.....							82,403
H.	GRAND TOTAL.....							873,557
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:								
CATEGORY PROJECT				COST		DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE		
179	65726	MOUT Collective Training Fac		65,000	09/2008	10/2010		
178	65790	Light Demolition Range		4,100	09/2008	09/2010		
171	65789	Indoor Firing Range		6,200	09/2008	07/2011		
178	65792	Known Distance Range		3,800	09/2008	10/2010		
178	65791	1200 Meter Range		14,500	09/2008	10/2010		
TOTAL				93,600				
9. FUTURE PROJECT APPROPRIATIONS:								
CATEGORY				COST				
CODE		PROJECT TITLE		(\$000)				
A.	INCLUDED IN THE FY 2012 PROGRAM: NONE							
B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C.	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A					
10. MISSION OR MAJOR FUNCTIONS:								
To provide realistic joint and combined arms training, logistics and support, enabling America's Defense Forces to win on 21st century battlefields.								

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort A P Hill, Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort A P Hill Virginia				4.PROJECT TITLE MOUT Collective Training Fac		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 179	7.PROJECT NUMBER 65726		8.PROJECT COST (\$000) Auth 65,000 Approp 65,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						49,040
Maneuver/Training Area, Light		ha (AC)	141.64 (350)		77,855	(11,027)
MOUT Facility (Urban Site)		EA	1 --		13302970	(13,303)
MOUT Facility (Village Site)		EA	1 --		926,416	(926)
MOUT Facility (Primitive Site)		EA	1 --		213,600	(214)
Range Support Facility		m2 (SF)	9,846 (105,980)		2,234	(21,995)
Total from Continuation page						(1,575)
<u>SUPPORTING FACILITIES</u>						9,606
Electric Service		LS	--		--	(1,107)
Water, Sewer, Gas		LS	--		--	(1,007)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,671)
Storm Drainage		LS	--		--	(1,191)
Site Imp(1,421) Demo()		LS	--		--	(1,421)
Information Systems		LS	--		--	(1,122)
Antiterrorism Measures		LS	--		--	(87)
ESTIMATED CONTRACT COST						58,646
CONTINGENCY (5.00%)						2,932
SUBTOTAL						61,578
SUPV, INSP & OVERHEAD (5.70%)						3,510
TOTAL REQUEST						65,088
TOTAL REQUEST (ROUNDED)						65,000
INSTALLED EQT-OTHER APPROP						(1,908)
10.Description of Proposed Construction Construct a Military Operation Urban Terrain (MOUT) Collective Training Complex. Project includes range training facilities; urban, semi-rural village, rural primitive training areas; and cantonment area with all associated building facades in the target area. Roads of various quality with various obstacles (water, sand, bridge, tunnel, rough terrain, all with bypasses) will connect the training areas. Each training area will contain a helicopter landing zone. Supporting facilities include electric service, water, sewer, heating fuel storage, paving, walks, curbs, and gutters, storm drainage, site improvement, and information systems. Heating and air conditioning will be provided by self contained units. Antiterrorism Force Protection Measures include standoff and fencing. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 352 kW _r /100 Tons).						
11. REQ:		154 ha	ADQT:		13 ha	SUBSTD: NONE
PROJECT: Construct a MOUT Collective Training Complex at Fort A. P. Hill, VA. (New Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE MOUT Collective Training Fac	5. PROJECT NUMBER 65726
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(35)
SDD and EPAct05	LS	--	--	(469)
Antiterrorism Measures	LS	--	--	(433)
Building Information Systems	LS	--	--	(638)
			Total	1,575

REQUIREMENT: This Training Complex is needed to train, test and prepare Soldiers to conduct operations aimed at defeating threats against the United States such as improvised explosive devices (IED), dirty bombs, infrastructure attacks, suicide bombers, and biological weapons. This training complex is required now to provide Soldiers unique skills needed in Overseas Contingency Operations to defeat unconventional tactics, techniques and procedures in combat operations in Iraq and Afghanistan.

CURRENT SITUATION: No suitable training complex currently exists at Fort A. P. Hill, VA.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will not have a training complex to train in warfare techniques, tactics and procedures.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE MOU Collective Training Fac	5. PROJECT NUMBER 65726
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Irwin

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	2,026
(b) All Other Design Costs.....	1,352
(c) Total Design Cost.....	3,378
(d) Contract.....	2,026
(e) In-house.....	1,352

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... FEB 2011

(6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Instrumentation equipment	OPA	2012	1,823
Info Sys - ISC	OPA	2012	85
		TOTAL	1,908

Installation Engineer: Benjamin McBride
Phone Number: (804) 633-8215

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia			4. PROJECT TITLE Indoor Firing Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 171	7. PROJECT NUMBER 65789	8. PROJECT COST (\$000) Auth 6,200 Approp 6,200		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,986
Indoor Firing Range		m2 (SF)	2,137 (23,000)	2,229	(4,762)
SDD and EPAct05		LS	--	--	(102)
Antiterrorism Measures		LS	--	--	(102)
Building Information Systems		LS	--	--	(20)
<u>SUPPORTING FACILITIES</u>					405
Electric Service		LS	--	--	(38)
Water, Sewer, Gas		LS	--	--	(47)
Paving, Walks, Curbs & Gutters		LS	--	--	(43)
Storm Drainage		LS	--	--	(50)
Site Imp(133) Demo()		LS	--	--	(133)
Information Systems		LS	--	--	(94)
ESTIMATED CONTRACT COST					5,391
CONTINGENCY (5.00%)					270
SUBTOTAL					5,661
SUPV, INSP & OVERHEAD (5.70%)					323
DESIGN/BUILD - DESIGN COST					226
TOTAL REQUEST					6,210
TOTAL REQUEST (ROUNDED)					6,200
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard Indoor Range. Primary facilities include the indoor range and building information systems. Supporting facilities include: electric service, natural gas, water, sanitary sewer, access road, parking, storm drainage, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 141 kW/40 Tons).					
11. REQ: 2,436 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard indoor range at Fort A.P. Hill, VA. (New Mission)					
REQUIREMENT: This project is required to provide Soldiers with realistic and challenging concurrent training supporting initial and sustainment live-fire. Indoor range supports calibration of night-vision-goggles (NVG) and weapons zero prior to deployments.					
CURRENT SITUATION: No training facility of this type currently exists at Fort A.P. Hill. Existing training facilities do not support multifaceted requirements of indoor range environments for realistic training. The requirement for indoor range training involves safety features not available					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE Indoor Firing Range	5. PROJECT NUMBER 65789
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CURRENT SITUATION: (CONTINUED)
with traditional training facilities.
IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will not be able to fully exercise small arms gunnery engagement procedures. The Soldiers and units will not receive complete exposure to training standards, representing an adverse impact on sustained combat proficiency.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	SEP 2008
(b) Percent Complete As Of January 2010.....	15.00
(c) Date 35% Designed.....	APR 2011
(d) Date Design Complete.....	JUL 2011
(e) Parametric Cost Estimating Used to Develop Costs	YES
(f) Type of Design Contract:	Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	285
(b) All Other Design Costs.....	228
(c) Total Design Cost.....	513
(d) Contract.....	285
(e) In-house.....	228

(4) Construction Contract Award..... FEB 2011

(5) Construction Start..... APR 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE Indoor Firing Range	5. PROJECT NUMBER 65789
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... APR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Benjamin McBride
Phone Number: 804-633-8215

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia				4. PROJECT TITLE Light Demolition Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65790		8. PROJECT COST (\$000) Auth 4,100 Approp 4,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,340
Light Demolition Range		FP	6 --		451,736	(2,710)
Latrine		m2 (SF)	18.58 (200)		6,402	(119)
Covered Mess		m2 (SF)	74.32 (800)		853.61	(63)
Range Operations & Storage		m2 (SF)	74.32 (800)		1,666	(124)
Range Operations & Control Area		EA	1 --		315,817	(316)
Total from Continuation page						(8)
<u>SUPPORTING FACILITIES</u>						370
Electric Service		LS	--		--	(223)
Storm Drainage		LS	--		--	(78)
Site Imp(39) Demo()		LS	--		--	(39)
Information Systems		LS	--		--	(30)
ESTIMATED CONTRACT COST						3,710
CONTINGENCY (5.00%)						186
SUBTOTAL						3,896
SUPV, INSP & OVERHEAD (5.70%)						222
TOTAL REQUEST						4,118
TOTAL REQUEST (ROUNDED)						4,100
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design light demolition range. Primary facilities include the demolition range, latrine, covered mess, operations and storage building, range operations and control area, antiterrorism measures, and building information systems. Supporting facilities include electric service, storm drainage, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ: 6 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard design demolition range at Fort A.P. Hill, VA. (New Mission)						
REQUIREMENT: This project is required to train individual Soldiers on the employment techniques of explosives and demolitions. This range satisfies the training and qualification requirements of light demolition. Combat and combat support units require training proficiency in demolition of steel and concrete obstacles. Mines may be placed on the surface or buried. Army standard ranges affording doctrinal densities are the minimum necessary to prepare Soldiers for combat.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE Light Demolition Range	5. PROJECT NUMBER 65790
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(2)
Antiterrorism Measures	LS	--	--	(2)
Building Information Systems	LS	--	--	(4)
			Total	8

CURRENT SITUATION: This type of training range is not currently available at Fort A.P. Hill, VA.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers' training will not be fully supported resulting in a potential for reduced readiness of units.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2010
- (d) Date Design Complete..... SEP 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Bliss

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4.PROJECT TITLE Light Demolition Range	5.PROJECT NUMBER 65790
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	104
(b) All Other Design Costs.....	70
(c) Total Design Cost.....	174
(d) Contract.....	104
(e) In-house.....	70
 (4) Construction Contract Award.....	 JAN 2011
(5) Construction Start.....	FEB 2011
(6) Construction Completion.....	FEB 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Benjamin McBride
Phone Number: 804.633.8215

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia			4. PROJECT TITLE 1200 Meter Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65791	8. PROJECT COST (\$000) Auth 14,500 Approp 14,500		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
1200 Meter Range	LN	1 --		10536231	12,193 (10,536)
Range Operations & Control Area	EA	1 --		236,518	(237)
Range Operations Center	m2 (SF)	185.81	(2,000)	1,728	(321)
Range Operations & Storage	m2 (SF)	74.32	(800)	1,676	(125)
Latrine	m2 (SF)	18.58	(200)	6,441	(120)
Total from Continuation page					(854)
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--		--	872 (258)
Information Systems	LS	--		--	(614)
ESTIMATED CONTRACT COST					13,065
CONTINGENCY (5.00%)					<u>653</u>
SUBTOTAL					13,718
SUPV, INSP & OVERHEAD (5.70%)					<u>782</u>
TOTAL REQUEST					14,500
TOTAL REQUEST (ROUNDED)					14,500
INSTALLED EQT-OTHER APPROP					(7,262)
10. Description of Proposed Construction Construct a 1200 Meter Range with integrated Driving Course. Primary facilities include the 1200 Meter Range, range operations and control area, range operations center, operations and storage building, latrine, bleacher enclosure, covered mess, after action review building, ammunition breakdown building, bivouac area, vehicle staging area, battery storage, and building information systems. Supporting facilities include electric service and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 42 kW/12 Tons).					
11. REQ: 2 LN ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a 1200 Meter Range at Fort A.P. Hill, VA. (New Mission)					
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving armor targets in a tactical array. This range satisfies the training and qualification requirements of light weaponry up to 50 caliber machine guns. Combat and combat support units require training proficiency in machine gun weapon systems. Army standard ranges with target systems affording doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE 1200 Meter Range	5. PROJECT NUMBER 65791
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Bleacher	m2 (SF)	67.45 (726)	1,418	(96)
Covered Mess	m2 (SF)	74.32 (800)	858.77	(64)
After Action Review Building	m2 (SF)	98.11 (1,056)	2,410	(236)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	3,367	(58)
Bivouac Area	m2 (SF)	401.34 (4,320)	339.46	(136)
Vehicle Staging Area	m2 (SY)	2,508 (3,000)	23.66	(59)
Battery Shop, 2EA	m2 (SF)	44.59 (480)	1,963	(88)
SDD and EPAct05	LS	--	--	(14)
Antiterrorism Measures	LS	--	--	(14)
Building Information Systems	LS	--	--	(89)
Total				854

CURRENT SITUATION: This type of training range is not currently available at Fort A.P. Hill.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers' performance will not be fully supported resulting in a potential for reduced unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort A P Hill, Virginia

4. PROJECT TITLE 1200 Meter Range	5. PROJECT NUMBER 65791
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 486
 - (b) All Other Design Costs..... 325
 - (c) Total Design Cost..... 811
 - (d) Contract..... 486
 - (e) In-house..... 325
- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Targetry & Instrumentation System	OPA	2012	7,183
Info Sys - ISC	OPA	2012	52
Info Sys - PROP	OPA	2012	27
		TOTAL	7,262

Installation Engineer: Benjamin McBride
Phone Number: 804.633.8215

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia			4. PROJECT TITLE Known Distance Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65792	8. PROJECT COST (\$000) Auth 3,800 Approp 3,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,808
Known Distance Range		FP	10 --	136,486	(1,365)
Range Operations & Storage		m2 (SF)	74.32 (800)	1,666	(124)
Latrine		m2 (SF)	18.58 (200)	6,402	(119)
Covered Mess		m2 (SF)	74.32 (800)	853.61	(63)
Ammunition Breakdown Building		m2 (SF)	17.19 (185)	3,347	(58)
Total from Continuation page					(1,079)
<u>SUPPORTING FACILITIES</u>					633
Electric Service		LS	--	--	(107)
Storm Drainage		LS	--	--	(14)
Site Imp(153) Demo()		LS	--	--	(153)
Information Systems		LS	--	--	(349)
Antiterrorism Measures		LS	--	--	(10)
ESTIMATED CONTRACT COST					3,441
CONTINGENCY (5.00%)					172
SUBTOTAL					3,613
SUPV, INSP & OVERHEAD (5.70%)					206
TOTAL REQUEST					3,819
TOTAL REQUEST (ROUNDED)					3,800
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a Known Distance (KD) Range. Primary facilities include the range, range operations and control area, operations and storage building, latrine, covered mess, ammunition breakdown building, vehicle staging area, classroom building, battery storage building, operations tower, covered bleacher, and building information systems. Antiterrorism measures will be provided. Supporting facilities include electric service, storm drainage, site improvement, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 14 kW/4 Tons).					
11. REQ: 10 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a Known Distance (KD) Range at Fort A.P. Hill, VA. (New Mission)					
REQUIREMENT: This project is required to prepare Soldiers for global missions. This range provides an open gunnery environment with portable targets to optimize the gunnery and training experience for each 10 person engagement.					
CURRENT SITUATION: This type of training range is not available at Fort A.P. Hill, VA.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE Known Distance Range	5. PROJECT NUMBER 65792
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vehicle Staging Area	m2 (SY)	312.71 (374)	28.60	(9)
Classroom Building	m2 (SF)	74.32 (800)	2,207	(164)
Battery Shop	m2 (SF)	22.30 (240)	1,951	(44)
Range Operations & Control Area	LS	--	--	(552)
Range Operations Tower	m2 (SF)	26.94 (290)	4,286	(115)
Covered Bleacher	m2 (SF)	67.45 (726)	1,409	(95)
SDD and EPAct05	LS	--	--	(8)
Antiterrorism Measures	LS	--	--	(10)
Building Information Systems	LS	--	--	(82)
Total				1,079

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers' training will not be fully supported resulting in a potential for partial unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4. PROJECT TITLE Known Distance Range	5. PROJECT NUMBER 65792
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>93</u>
(b) All Other Design Costs.....	<u>61</u>
(c) Total Design Cost.....	<u>154</u>
(d) Contract.....	<u>93</u>
(e) In-house.....	<u>61</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>FEB 2011</u>
(6) Construction Completion.....	<u>FEB 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Benjamin McBride
Phone Number: 804.633.8215

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Lee Virginia			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.98	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	586	3828	1637	792	5662	154	90 385 3544 16,678
B. END FY 2015	742	3221	2386	1259	9200	30	102 444 4865 22,249
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	2,390 ha		(5,907 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							1,667,142
C. AUTHORIZATION NOT YET IN INVENTORY.....							243,564
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							48,400
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							107,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							659,439
H. GRAND TOTAL.....							2,725,545
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
178	60449	Automated Qualification Training Range			7,700	09/2008	09/2010
760	67363	Museum Operations Support Building			30,000	04/2008	05/2011
141	71114	Training Aids Center			5,800	09/2009	07/2011
141	73298	Company Operations Facility			4,900	09/2009	05/2011
TOTAL					48,400		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
721	Student Barracks			55,000			
721	Advance Trainee Barracks, Ph 1			52,000			
TOTAL					107,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Provide the Army with combat developments, training developments, and institutional training; participating in the force structuring process; determine materiel requirements and influence the development, acquisition, and fielding processes for combat service support functions.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Lee, Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Lee Virginia				4.PROJECT TITLE Automated Qualification Training Range		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 178	7.PROJECT NUMBER 60449		8.PROJECT COST (\$000) Auth 7,700 Approp 7,700	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,574
Qualification Training Range		FP		14 --	382,664	(5,357)
Range Control Tower		m2 (SF)		26.94 (290)	4,333	(117)
Range Operations & Storage		m2 (SF)		74.32 (800)	1,684	(125)
Covered Bleachers		m2 (SF)		100.15 (1,078)	1,378	(138)
Ammunition Breakdown Bldg		m2 (SF)		17.19 (185)	3,385	(58)
Total from Continuation page						(779)
<u>SUPPORTING FACILITIES</u>						386
Electric Service		LS		--	--	(40)
Water, Sewer, Gas		LS		--	--	(238)
Storm Drainage		LS		--	--	(54)
Site Imp() Demo(26)		LS		--	--	(26)
Information Systems		LS		--	--	(20)
Antiterrorism Measures		LS		--	--	(8)
ESTIMATED CONTRACT COST						6,960
CONTINGENCY (5.00%)						348
SUBTOTAL						7,308
SUPV, INSP & OVERHEAD (5.70%)						417
TOTAL REQUEST						7,725
TOTAL REQUEST (ROUNDED)						7,700
INSTALLED EQT-OTHER APPROP						(2,201)
10.Description of Proposed Construction Construct a standard design Automated Qualification Training Range. Primary facilities include the Qualification Training Range, range operations and control area, range control tower, classroom building, ammunition breakdown building, covered bleachers, range operations and storage building, latrine, covered mess, and building information systems. Supporting facilities include electric service, water, storm drainage, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 4 Buildings (TOTAL 56 m2/604 SF). Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ:		16 FP	ADQT:		NONE	SUBSTD:
PROJECT:		Construct a standard design Automated Qualification Training Range at Fort Lee, VA. (Current Mission)				
REQUIREMENT:		This range is used to train and test Soldiers on the skills necessary to detect, identify, engage, and defeat stationary and moving infantry targets and stationary armor targets in a tactical array with their prescribed weapons. This range combines the capabilities of 10/25M Zeroing Range, Modified Record Fire Range, Combat Pistol Qualification Course, and the Multipurpose Machine Gun Range into a multi-use training facility reducing				

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lee, Virginia

4. PROJECT TITLE Automated Qualification Training Range	5. PROJECT NUMBER 60449
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	51.10 (550)	6,474	(331)
Covered Mess	m2 (SF)	131.27 (1,413)	820.00	(108)
Classroom Building	m2 (SF)	74.32 (800)	2,232	(166)
Range Operations and Control	EA	1 --	154,160	(154)
SDD and EPAct05	LS	--	--	(8)
Antiterrorism Measures	LS	--	--	(3)
Building Information Systems	LS	--	--	(9)
			Total	779

REQUIREMENT: (CONTINUED)

land, maintenance, and unit overhead requirements. This facility enhances throughput capability for units with multiple weapons densities by consolidating unit efforts to operating one training facility. Construction of this facility will minimize training land usage and reduce travel to different ranges for low density weapons, providing a one stop complex to optimize the use of available training time. The construction of these facilities will also enhance Power Projection Support services at Fort Lee at times of deployment and mobilization.

CURRENT SITUATION: Fort Lee lacks the facilities to support local training on weapons systems assigned to Soldiers and units stationed on Fort Lee. Units are required to travel to neighboring installations to train and qualify with their weapon systems to meet the Army's training standards and training goals. This situation reduces the utilization of Fort Lee ranges, increases training distractions, reduces available individual and unit training time due to transportation, and increases unit coordination for logistics requirements to support training away from Fort Lee.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers of Fort Lee, will not be able to obtain and maintain efficiency for live fire training. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately, Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Lee, Virginia

4.PROJECT TITLE Automated Qualification Training Range	5.PROJECT NUMBER 60449
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ADDITIONAL: (CONTINUED)
 engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... SEP 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Carson
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 220
 - (b) All Other Design Costs..... 147
 - (c) Total Design Cost..... 367
 - (d) Contract..... 220
 - (e) In-house..... 147
 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION
Fort Lee, Virginia

4.PROJECT TITLE Automated Qualification Training Range	5.PROJECT NUMBER 60449
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Target Systems	OPA	2011	2,200
Info Sys - ISC	OPA	2012	1
		TOTAL	<u>2,201</u>

Installation Engineer: John Royster
Phone Number: 804-734-3368

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Lee Virginia				4. PROJECT TITLE Museum Operations Support Building		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 760	7. PROJECT NUMBER 67363		8. PROJECT COST (\$000) Auth 30,000 Approp 30,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						24,308
Museum Operations Support Bldg		m2 (SF)	12,141 (130,690)		1,888	(22,925)
IDS Installation		LS	--		--	(213)
EMCS Connection		LS	--		--	(150)
SDD and EPAct05		LS	--		--	(378)
Antiterrorism Measures		LS	--		--	(379)
Building Information Systems		LS	--		--	(263)
<u>SUPPORTING FACILITIES</u>						2,109
Electric Service		LS	--		--	(443)
Water, Sewer, Gas		LS	--		--	(270)
Paving, Walks, Curbs & Gutters		LS	--		--	(833)
Storm Drainage		LS	--		--	(97)
Site Imp(366) Demo()		LS	--		--	(366)
Information Systems		LS	--		--	(83)
Antiterrorism Measures		LS	--		--	(17)
ESTIMATED CONTRACT COST						26,417
CONTINGENCY (5.00%)						<u>1,321</u>
SUBTOTAL						27,738
SUPV, INSP & OVERHEAD (5.70%)						1,581
DESIGN/BUILD - DESIGN COST						<u>1,110</u>
TOTAL REQUEST						30,429
TOTAL REQUEST (ROUNDED)						30,000
INSTALLED EQT-OTHER APPROP						(5,547)
10. Description of Proposed Construction Construct a Museum Operations Support (Artifact Storage) Facility. Project will include open high-bay artifact storage space, offices, classrooms, latrines, arms room, consolidated entry and reception area; connection to Energy Monitor and Control System (EMCS) and installation of intrusion detection system (IDS). Supporting utilities include electrical, gas, water and sewer, communication, exterior lighting, storm drainage, fire protection, access roads, walks, curbs and gutters, parking, and site improvements. Access for persons with disabilities will be provided. Antiterrorism measures will be incorporated into the facility design. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 1,407 kW/400 Tons).						
11. REQ:		12,141 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a Museum Operations Support Building at Fort Lee, VA. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lee, Virginia

4. PROJECT TITLE Museum Operations Support Building	5. PROJECT NUMBER 67363
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REQUIREMENT: This facility is required to house historical property that is used for Soldier training to meet the Program of Instruction (POI) and related instructional requirements associated with the Ordnance School. It directly supports relocating unit initiatives providing indoor, environmentally controlled display/storage space for decommissioned large, historic, military weapons.

CURRENT SITUATION: There are no existing facilities on Fort Lee that can be used to support this requirement. The historic artifact items are not currently stored and maintained at Fort Lee.

IMPACT IF NOT PROVIDED: If this project is not provided, Ordnance Soldiers stationed at Fort Lee will not train to approved Army standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... APR 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
- (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 709
 - (b) All Other Design Costs..... 425
 - (c) Total Design Cost..... 1,134
 - (d) Contract..... 709
 - (e) In-house..... 425

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Lee, Virginia

4.PROJECT TITLE Museum Operations Support Building	5.PROJECT NUMBER 67363
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Museum Ops Spt	OPA	2011	5,540
Info Sys - ISC	OPA	2012	7
		TOTAL	5,547

Installation Engineer: John Royster
Phone Number: 804.734.3368

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Lee Virginia			4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 141	7. PROJECT NUMBER 71114	8. PROJECT COST (\$000) Auth 5,800 Approp 5,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,415
Training Aids Center		m2 (SF)	2,758 (29,682)	1,513	(4,172)
IDS Installation		LS	--	--	(37)
EMCS Connection		LS	--	--	(35)
SDD and EPAct05		LS	--	--	(71)
Antiterrorism Measures		LS	--	--	(75)
Building Information Systems		LS	--	--	(25)
<u>SUPPORTING FACILITIES</u>					663
Electric Service		LS	--	--	(98)
Water, Sewer, Gas		LS	--	--	(108)
Paving, Walks, Curbs & Gutters		LS	--	--	(145)
Storm Drainage		LS	--	--	(51)
Site Imp(218) Demo()		LS	--	--	(218)
Information Systems		LS	--	--	(32)
Antiterrorism Measures		LS	--	--	(11)
ESTIMATED CONTRACT COST					5,078
CONTINGENCY (5.00%)					254
SUBTOTAL					5,332
SUPV, INSP & OVERHEAD (5.70%)					304
DESIGN/BUILD - DESIGN COST					213
TOTAL REQUEST					5,849
TOTAL REQUEST (ROUNDED)					5,800
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Training Aids Center (TAC). Primary facilities include the TAC, installation of intrusion detection system (IDS), connection to Energy Monitoring and Control System (EMCS), and building information systems. Antiterrorism protection measures will be included. Supporting facilities include: electric service; water, sewer and gas; paving; storm drainage; site improvements; and information systems. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 77 kW/22 Tons).					
11. REQ: 2,758 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design Training Aids Center at Fort Lee, VA. (Current Mission)					
REQUIREMENT: The Army school relocations to Fort Lee will increase the quantity and type of live and virtual training devices used. Additional storage is needed to support the increases in training aid devices and to protect the investment for those devices.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																						
3. INSTALLATION AND LOCATION Fort Lee, Virginia																								
4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 71114																							
<p><u>CURRENT SITUATION:</u> There are no existing buildings at Fort Lee that have sufficient capacity to support increased training aids and devices. Current buildings are fully engaged supporting existing missions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Lee will not be able to protect the training aid and device investment. Training components will be exposed to the elements drastically reducing useful life and compromising reliable use for training.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>																								
12. <u>SUPPLEMENTAL DATA:</u>																								
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>SEP 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2010.....</td> <td>5.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>APR 2011</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>JUL 2011</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Jackson</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td>264</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>211</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>475</td> </tr> <tr> <td>(d) Contract.....</td> <td>264</td> </tr> <tr> <td>(e) In-house.....</td> <td>211</td> </tr> </table> <p>(4) Construction Contract Award..... FEB 2011</p>			(a) Date Design Started.....	SEP 2009	(b) Percent Complete As Of January 2010.....	5.00	(c) Date 35% Designed.....	APR 2011	(d) Date Design Complete.....	JUL 2011	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	264	(b) All Other Design Costs.....	211	(c) Total Design Cost.....	475	(d) Contract.....	264	(e) In-house.....	211
(a) Date Design Started.....	SEP 2009																							
(b) Percent Complete As Of January 2010.....	5.00																							
(c) Date 35% Designed.....	APR 2011																							
(d) Date Design Complete.....	JUL 2011																							
(e) Parametric Cost Estimating Used to Develop Costs	YES																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	264																							
(b) All Other Design Costs.....	211																							
(c) Total Design Cost.....	475																							
(d) Contract.....	264																							
(e) In-house.....	211																							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lee, Virginia

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 71114
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... APR 2011
- (6) Construction Completion..... JUN 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: John Royster
Phone Number: 804-734-3368

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Lee Virginia				4. PROJECT TITLE Company Operations Facility		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 141	7. PROJECT NUMBER 73298		8. PROJECT COST (\$000) Auth 4,900 Approp 4,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						3,420
Company Operations Facility		m2 (SF)	1,601 (17,230)		1,783	(2,854)
Covered Hardstand		m2 (SF)	277.32 (2,985)		675.96	(187)
IDS Installation		LS	--		--	(20)
EMCS Connection		LS	--		--	(41)
SDD and EPAct05		LS	--		--	(57)
Total from Continuation page						(261)
SUPPORTING FACILITIES						853
Electric Service		LS	--		--	(122)
Water, Sewer, Gas		LS	--		--	(151)
Paving, Walks, Curbs & Gutters		LS	--		--	(254)
Storm Drainage		LS	--		--	(129)
Site Imp(81) Demo(13)		LS	--		--	(94)
Information Systems		LS	--		--	(103)
ESTIMATED CONTRACT COST						4,273
CONTINGENCY (5.00%)						214
SUBTOTAL						4,487
SUPV, INSP & OVERHEAD (5.70%)						256
DESIGN/BUILD - DESIGN COST						179
TOTAL REQUEST						4,922
TOTAL REQUEST (ROUNDED)						4,900
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard-design company operations facility with covered hardstand. Project includes connection to Energy Monitoring and Control System (EMCS), installation of Intrusion Detection System (IDS), fire protection and alarm systems, and building information systems. Supporting facilities include underground utilities, electric service, exterior lighting, paving, sidewalks, curbs and gutters, sewer system, storm drainage, information systems, parking, and site improvements. Self-contained system will provide heating and air conditioning. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 1 Building (TOTAL 340 m2/3,660 SF). Air Conditioning (Estimated 106 kW/30 Tons).						
11. REQ:		30,579 m2	ADQT:	8,963 m2	SUBSTD:	NONE
PROJECT: Construct a company operations facility at Fort Lee, VA. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lee, Virginia

4. PROJECT TITLE Company Operations Facility	5. PROJECT NUMBER 73298
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(71)
Building Information Systems	LS	--	--	(190)
			Total	261

REQUIREMENT: This project is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project supports "Echelons Above Brigade" (EAB) units stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

(2) Basis:

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lee, Virginia

4. PROJECT TITLE Company Operations Facility	5. PROJECT NUMBER 73298
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bliss
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 145
 - (b) All Other Design Costs..... 97
 - (c) Total Design Cost..... 242
 - (d) Contract..... 145
 - (e) In-house..... 97
- (4) Construction Contract Award..... JAN 2011
- (5) Construction Start..... MAR 2011
- (6) Construction Completion..... SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: John Royster
Phone Number: 804-734-3368

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Washington	Fort Lewis (IMCOM)				569
55198	Barracks Complex	40,000	40,000	C	571
64457	Barracks	47,000	47,000	C	575
72089	Rappelling Training Area	5,300	5,300	C	578
72838	Regional Logistic Spt Complex Warehouse	16,500	16,500	C	581
72854	Regional Logistic Support Complex	63,000	63,000	C	585
	Yakima Firing Center				
65386	Sniper Field Fire Range	3,750	3,750	C	589
	Subtotal Fort Lewis Part I	\$ 175,550	175,550		
	* TOTAL MCA FOR Washington	\$ 175,550	175,550		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 3,246,362	3,276,362		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.16	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	4367	27537	3570	20	311	0	194 1202 5416 42,617
B. END FY 2015	4806	28738	4574	19	296	0	722 4331 6393 49,879
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	165,729 ha		(409,524 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						8,185,973	
C. AUTHORIZATION NOT YET IN INVENTORY.....						1,645,887	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						175,550	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						400,900	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						1,189,687	
H. GRAND TOTAL.....						11,597,997	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	55198	Barracks Complex		40,000	09/2008	05/2011	
721	64457	Barracks		47,000	09/2008	05/2011	
178	65386	Sniper Field Fire Range		3,750	09/2008	10/2010	
179	72089	Rappelling Training Area		5,300	02/2010	07/2011	
441	72838	Regional Logistic Spt Complex Warehouse		16,500	08/2009	05/2011	
214	72854	Regional Logistic Support Complex		63,000	09/2009	05/2011	
				TOTAL	175,550		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
721		Barracks Complex		50,000			
721		Barracks Complex-ROTC Ph 1		17,500			
141		Air Support Ops Squadron		7,400			
721		Aviation Complex, Ph 1		98,000			
141		Brigade Complex		90,000			
721		23rd Chem BN Cpx		52,000			
842		Water Distribution Lines, Potable		66,000			
141		JLENS BTRY		20,000			
				TOTAL	400,900		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Fort Lewis, Washington

10. MISSION OR MAJOR FUNCTIONS:

I Corps: On order, deploy to conduct operations across the military spectrum of conflict as a Joint Force Headquarters (Joint Task Force, Combined or Multi-National/Joint Force Land Component Command) or as an Army Corps. Maintain trained and ready forces for Combatant Commanders worldwide. Team Lewis: Operate a state-of-the-art power generation platform for warfighters by providing them with superior training support and infrastructure. Train, deploy, and redeploy ready forces. Support the Transformation of I Corps and Fort Lewis. Maintain the well-being of our Soldiers, civilians, retirees, and their families.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Lewis Washington				4.PROJECT TITLE Barracks Complex		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 55198		8.PROJECT COST (\$000) Auth 40,000 Approp 40,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						31,259
Barracks		m2 (SF)	6,801 (73,200)		2,503	(17,019)
Company Operations Facilities		m2 (SF)	4,909 (52,837)		2,239	(10,992)
Covered Hardstand		m2 (SF)	831.95 (8,955)		863.26	(718)
Storage Building		m2 (SF)	222.97 (2,400)		1,011	(225)
IDS Installation		LS	--		--	(140)
Total from Continuation page						(2,165)
<u>SUPPORTING FACILITIES</u>						3,816
Electric Service		LS	--		--	(266)
Water, Sewer, Gas		LS	--		--	(1,686)
Paving, Walks, Curbs & Gutters		LS	--		--	(802)
Storm Drainage		LS	--		--	(351)
Site Imp(191) Demo()		LS	--		--	(191)
Information Systems		LS	--		--	(411)
Antiterrorism Measures		LS	--		--	(109)
ESTIMATED CONTRACT COST						35,075
CONTINGENCY (5.00%)						<u>1,754</u>
SUBTOTAL						36,829
SUPV, INSP & OVERHEAD (5.70%)						2,099
DESIGN/BUILD - DESIGN COST						<u>1,473</u>
TOTAL REQUEST						40,401
TOTAL REQUEST (ROUNDED)						40,000
INSTALLED EQT-OTHER APPROP						(3,844)
10.Description of Proposed Construction Construct a Barracks Complex. Primary facilities include standard design Barracks, Company Operations facilities with covered hardstand, and storage building. Provide installation of an Intrusion Detection System (IDS) in the arms vaults, connection to Energy Monitoring and Control Systems (EMCS) and building information systems. Antiterrorism/force protection (AT/FP) will be provided. Supporting facilities include utilities, electric service, security and street lighting, fire protection and alarm systems, storm and sanitary sewers, information systems, paving, sidewalks, curbs and gutters, and site improvements. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Access for persons with disabilities will be provided in public areas. Heating and Air Conditioning will be provided by self-contained systems. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 1,055 kW _r /300 Tons).						
11. REQ:		10,032 PN	ADQT: 7,420 PN		SUBSTD:	2,316 PN
PROJECT: Construct a Barracks Complex at Fort Lewis, Washington. (Current						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 55198
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(125)
SDD and EPAct05	LS	--	--	(557)
Antiterrorism Measures	LS	--	--	(546)
Building Information Systems	LS	--	--	(937)
			Total	2,165

PROJECT: (CONTINUED)

Mission)

REQUIREMENT: This project is required to provide a Barracks and a Company Operations Facility that meet current standards. The maximum barracks utilization is 200 Soldiers. Intended utilization is 138 Junior Enlisted and 31 Sergeants.

CURRENT SITUATION: The existing barracks were constructed in 1957, have gang latrines, and multiple person rooms with inefficient layouts. The plumbing and heating systems are rapidly deteriorating. Portions of the barracks have been diverted to company administration and supply due to lack of administrative facilities. These barracks were initially built with open-bay sleeping areas and were modernized in the mid-1970 to provide separate sleeping rooms and office space. However, sleeping areas are inefficient, and in many cases, do not meet current barracks standards. Existing buildings do not meet current seismic and life-safety codes. There are no adequate facilities available at Fort Lewis to meet the operational and administrative facilities requirement for this project.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in barracks, which lack authorized living space, security, and privacy as required by current Army standards. Plumbing, heating, and other utility systems will continue to deteriorate resulting in more frequent system repairs, possible systems failure, and jeopardized health and life-safety. A study by the Construction, Engineering and Research Laboratory (CERL) has determined that these buildings would suffer approximately 80 percent destruction in the event of a major earthquake, due to insufficient seismic resistance in the building construction, as a result, life-safety would be at risk. Continued shortfalls of operations and administration space will result in inefficient operations. Quality-of-life, morale, and readiness will be increasingly impaired as inadequate facilities are continued to be used.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 55198
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ADDITIONAL: (CONTINUED)

is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$25.3M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Lewis, WA. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 1,988 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Lewis

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 967
- (b) All Other Design Costs..... 580
- (c) Total Design Cost..... 1,547
- (d) Contract..... 967
- (e) In-house..... 580

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE Barracks Complex	5.PROJECT NUMBER 55198
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2012	1,209
Info Sys - PROP	OPA	2012	2,635
		TOTAL	<u>3,844</u>

Installation Engineer: Steven T. Perrenot
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 64457		8. PROJECT COST (\$000) Auth 47,000 Approp 47,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						26,116
Barracks		m2 (SF)	10,201 (109,800)		2,408	(24,559)
EMCS Connection		LS	--		--	(179)
SDD and EPAct05		LS	--		--	(475)
Antiterrorism Measures		LS	--		--	(475)
Building Information Systems		LS	--		--	(428)
<u>SUPPORTING FACILITIES</u>						15,017
Electric Service		LS	--		--	(205)
Water, Sewer, Gas		LS	--		--	(593)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,325)
Storm Drainage		LS	--		--	(175)
Site Imp(802) Demo(10,143)		LS	--		--	(10,945)
Information Systems		LS	--		--	(481)
Antiterrorism Measures		LS	--		--	(293)
ESTIMATED CONTRACT COST						41,133
CONTINGENCY (5.00%)						2,057
SUBTOTAL						43,190
SUPV, INSP & OVERHEAD (5.70%)						2,462
DESIGN/BUILD - DESIGN COST						1,728
TOTAL REQUEST						47,380
TOTAL REQUEST (ROUNDED)						47,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct standard design Barracks. Supporting facilities include site utilities; exterior lighting; information systems, fencing; fire protection and alarm system; walks, curbs, and gutters, parking, and site improvements. This project will include connection to Energy Monitoring Control Systems (EMCS). Anti-terrorism measures will be provided. Project includes self contained heating and air conditioning systems. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy act of 2005 (EPAct05) will be included. Demolish 11 Buildings (TOTAL 29,328 m2/315,687 SF). Air Conditioning (Estimated 879 kW _r /250 Tons).						
11. REQ: 10,032 PN ADQT: 7,420 PN SUBSTD: 2,316 PN PROJECT: Construct a Barracks at Fort Lewis, Washington. (Current Mission) REQUIREMENT: This project is required to provide adequate barracks space to support a Battalion Complex that meets current Army standards for Soldiers. Intended utilization is 150 Junior Enlisted and 75 Sergeants.						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Barracks	64457

CURRENT SITUATION: Currently, there are no adequate facilities available at Fort Lewis, which can meet the needs for this project. All existing adequate facilities are fully utilized.

IMPACT IF NOT PROVIDED: If this project is not provided, the Battalion Complex will not have permanent barracks facilities. Soldiers within the unit will be scattered throughout the installation in temporary and inadequate facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$25.3M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Lewis, WA. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 1,988 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	SEP 2008
(b) Percent Complete As Of January 2010.....	15.00
(c) Date 35% Designed.....	MAR 2011
(d) Date Design Complete.....	MAY 2011
(e) Parametric Cost Estimating Used to Develop Costs	YES
(f) Type of Design Contract:	Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Lewis

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	1,122
(b) All Other Design Costs.....	672

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 64457
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (c) Total Design Cost..... 1,794
 - (d) Contract..... 1,122
 - (e) In-house..... 672

 - (4) Construction Contract Award..... JAN 2011
 - (5) Construction Start..... MAR 2011
 - (6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Steven T. Perrenot
Phone Number: 253-967-3191

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE		
ARMY		27 JAN 2010		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
Fort Lewis Washington		Rappelling Training Area		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER		
22096A	179	72089		
		8. PROJECT COST (\$000)		
		Auth 5,300		
		Approp 5,300		
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Fast Rope Sniper Rappel Tower	m2 (SF)	297.29 (3,200)	13,805	4,435
Range Operations Control Area	EA	1 --	314,332	(4,104)
Building Information Systems	LS	--	--	(314)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	(17)
Site Imp(99) Demo()	LS	--	--	(99)
Information Systems	LS	--	--	(15)
ESTIMATED CONTRACT COST				4,730
CONTINGENCY (5.00%)				237
SUBTOTAL				4,967
SUPV, INSP & OVERHEAD (5.70%)				283
DESIGN/BUILD - DESIGN COST				0
TOTAL REQUEST				5,250
TOTAL REQUEST (ROUNDED)				5,300
INSTALLED EQT-OTHER APPROP				()
10. Description of Proposed Construction Construct a Special Operations Forces modified standard Fast Rope Sniper Rappel Tower. Primary facilities include the Fast Rope Sniper Rappel Tower, range operations control area, and building information systems. Supporting facilities include electric service, site improvements, and information systems.				
11. REQ: 297 m2 ADQT: NONE SUBSTD: NONE				
PROJECT: Construct a Special Operations Forces modified standard Fast Rope Sniper Rappel Tower at Fort Lewis, WA. (Current Mission)				
REQUIREMENT: This project is required to provide urban climbing and rappelling and all phases of fast-rope insertion training incorporating urban floor plans internal to the structure to provide realistic clearing of multi-story structures and facilitate elevated live-fire precision integrated shooting.				
CURRENT SITUATION: No training facility of this type currently exists at Fort Lewis. Existing training facilities do not support multifaceted requirements of urban combat climbing, rappelling, and fast-rope insertion for realistic clearing of multi-story structures under battlefield stress conditions. The requirement for fast-rope training involves aviation safety				

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																						
3. INSTALLATION AND LOCATION Fort Lewis, Washington																								
4. PROJECT TITLE Rappelling Training Area	5. PROJECT NUMBER 72089																							
<p><u>CURRENT SITUATION:</u> (CONTINUED) features not available with traditional existing training facilities involving urban environments.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Special Operation Soldiers that rely on Fort Lewis for training will not be able to fully exercise combat procedures. The Soldiers and units will not receive complete exposure to training standards, representing an adverse impact to sustained combat proficiency.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>																								
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>FEB 2010</u></td></tr> <tr><td>(b) Percent Complete As Of January 2010.....</td><td><u>.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>MAY 2011</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>JUL 2011</u></td></tr> <tr><td>(e) Parametric Cost Estimating Used to Develop Costs</td><td><u>NO</u></td></tr> <tr><td>(f) Type of Design Contract: Design-build</td><td></td></tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used:</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr><td>(a) Production of Plans and Specifications.....</td><td><u>241</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>193</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>434</u></td></tr> <tr><td>(d) Contract.....</td><td><u>241</u></td></tr> <tr><td>(e) In-house.....</td><td><u>193</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>MAR 2011</u></p> <p>(5) Construction Start..... <u>MAY 2011</u></p>			(a) Date Design Started.....	<u>FEB 2010</u>	(b) Percent Complete As Of January 2010.....	<u>.00</u>	(c) Date 35% Designed.....	<u>MAY 2011</u>	(d) Date Design Complete.....	<u>JUL 2011</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	<u>241</u>	(b) All Other Design Costs.....	<u>193</u>	(c) Total Design Cost.....	<u>434</u>	(d) Contract.....	<u>241</u>	(e) In-house.....	<u>193</u>
(a) Date Design Started.....	<u>FEB 2010</u>																							
(b) Percent Complete As Of January 2010.....	<u>.00</u>																							
(c) Date 35% Designed.....	<u>MAY 2011</u>																							
(d) Date Design Complete.....	<u>JUL 2011</u>																							
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	<u>241</u>																							
(b) All Other Design Costs.....	<u>193</u>																							
(c) Total Design Cost.....	<u>434</u>																							
(d) Contract.....	<u>241</u>																							
(e) In-house.....	<u>193</u>																							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE Rappelling Training Area	5. PROJECT NUMBER 72089
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAY 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Steven Perrenot
Phone Number: 253-967-3191

1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE Regional Logistic Spt Complex Warehouse			
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 441	7.PROJECT NUMBER 72838		8.PROJECT COST (\$000) Auth 16,500 Approp 16,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,153
Gen Purpose Whse - High Bay		m2 (SF)	5,797 (62,400)		1,717	(9,953)
Organizational Storage		m2 (SF)	443.70 (4,776)		1,041	(462)
Container Storage Area		m2 (SY)	2,230 (2,667)		33.62	(75)
EMCS Connection		LS	--		--	(65)
SDD and EPAct05		LS	--		--	(202)
Total from Continuation page						(396)
<u>SUPPORTING FACILITIES</u>						3,356
Electric Service		LS	--		--	(199)
Water, Sewer, Gas		LS	--		--	(412)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,135)
Storm Drainage		LS	--		--	(258)
Site Imp(1,019) Demo()		LS	--		--	(1,019)
Information Systems		LS	--		--	(285)
Antiterrorism Measures		LS	--		--	(48)
ESTIMATED CONTRACT COST						14,509
CONTINGENCY (5.00%)						725
SUBTOTAL						15,234
SUPV, INSP & OVERHEAD (5.70%)						868
DESIGN/BUILD - DESIGN COST						609
TOTAL REQUEST						16,711
TOTAL REQUEST (ROUNDED)						16,500
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a warehouse to store the reset components for organizational vehicles and equipment. Project includes a warehouse with high bay, organizational storage, and container storage area, building information systems, and connection to Energy Monitoring and Control (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; erosion control; storm drainage; site grading and contouring; information systems; and site improvements. Anti-terrorism measures will be included. Project includes self contained heating and air conditioning systems. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Sustainable design and development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 35 kW/10 Tons).						
11. REQ:		24,037 m2	ADQT:		674 m2	SUBSTD: 35,204 m2
PROJECT: Construct a Regional Logistics Support Warehouse at Fort Lewis, Washington. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE Regional Logistic Spt Complex Warehouse	5. PROJECT NUMBER 72838
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(202)
Building Information Systems	LS	--	--	(194)
			Total	396

REQUIREMENT: This project is required to support a single, regional complex at Fort Lewis that can serve as the enduring location for all Army Materiel Command (AMC) mission support elements to the Army's multi-component set. This capability will support all the Program Manager/Program Executive Office (PM/PEO) supported systems, the Army Forces Generator (ARFORGEN) process, Command, Control, Communications, Computers and Intelligence, Surveillance and Reconnaissance (C4ISR) reconfiguration, Future Combat Systems (FCS) spin outs, and accommodate all Life Cycle Management Command (LCMC) forward positioned teams conducting on-site support or new fieldings. Additionally, this facility will augment support for New Equipment Training (NET) and provide a surge capability in order to respond to excessive workloads or unique support requirements.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations. Currently, AMC requirements are being accomplished in a combination of temporary sprung structures and WWII wood structures that are in poor condition (removed from condemned list to allow AMC use). The lack of permanent structures greatly hinders AMC and the Acquisition Support Community's ability to support the Soldiers of FT Lewis and other units.

IMPACT IF NOT PROVIDED: If this project is not provided, the logistical support to the Senior Combatant Commander will be severely impacted.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1.COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE Regional Logistic Spt Complex Warehouse	5.PROJECT NUMBER 72838
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... AUG 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... MAY 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

 - (2) Basis:
 - (a) Standard or Definitive Design: NO

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 406
 - (b) All Other Design Costs..... 244
 - (c) Total Design Cost..... 650
 - (d) Contract..... 406
 - (e) In-house..... 244

 - (4) Construction Contract Award..... JAN 2011

 - (5) Construction Start..... MAR 2011

 - (6) Construction Completion..... MAR 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE Regional Logistic Spt Complex Warehouse	5.PROJECT NUMBER 72838
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Steven T. Perrenot
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Regional Logistic Support Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 72854		8. PROJECT COST (\$000) Auth 63,000 Approp 63,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						46,426
Vehicle Maintenance Shop		m2 (SF)	14,491 (155,980)		2,539	(36,799)
Organizational Storage		m2 (SF)	443.70 (4,776)		933.89	(414)
POL Storage Building		m2 (SF)	49.05 (528)		1,224	(60)
Hazmat/Hazwaste Storage		m2 (SF)	49.05 (528)		1,224	(60)
Organizational Vehicle Parking		m2 (SY)	34,233 (40,942)		113.62	(3,889)
Total from Continuation page						(5,204)
<u>SUPPORTING FACILITIES</u>						8,263
Electric Service		LS	--		--	(555)
Water, Sewer, Gas		LS	--		--	(347)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,379)
Storm Drainage		LS	--		--	(1,035)
Site Imp(2,216) Demo(2,188)		LS	--		--	(4,404)
Information Systems		LS	--		--	(339)
Antiterrorism Measures		LS	--		--	(204)
ESTIMATED CONTRACT COST						54,689
CONTINGENCY (5.00%)						<u>2,734</u>
SUBTOTAL						57,423
SUPV, INSP & OVERHEAD (5.70%)						3,273
DESIGN/BUILD - DESIGN COST						<u>2,297</u>
TOTAL REQUEST						62,993
TOTAL REQUEST (ROUNDED)						63,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct two Equipment Maintenance Facilities modified from the standard Extra Large Vehicle Maintenance Shop (VMS) designs to support vehicle maintenance/installation activities and organizational maintenance for the deployable Army Sustainment Command units. Project includes two VMS with administrative and shop control areas; welding, paint booth and overhead cranes. Organizational storage facility, waste oil tank, hazardous material and hazardous waste storage, POL storage building, hardstand, organizational vehicle parking, sentry station, vehicle test area, area for maintenance shelters, and container storage area will also be provided. Provide connection to Energy Management Control System (EMCS) and Intrusion Detect System (IDS) installation. Sustainable Design and Development(SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; erosion control; storm drainage; site grading and contouring; information systems, and site improvements. Anti-terrorism measures will be provided. Project includes self contained heating and air conditioning systems. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related design services						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Regional Logistic Support Complex	72854

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hardstand	m2 (SY)	5,309 (6,350)	113.62	(603)
Area for Maintenance Shelters	m2 (SY)	11,037 (13,200)	134.23	(1,481)
Vehicle Test Area	m2 (SY)	13,936 (16,667)	13.74	(192)
Container Storage Area	m2 (SY)	2,230 (2,667)	13.81	(31)
Sentry Station	LS	--	--	(25)
Waste Oil Tank	LS	--	--	(10)
IDS Installation	LS	--	--	(30)
EMCS Connection	LS	--	--	(203)
SDD and EPAct05	LS	--	--	(736)
Antiterrorism Measures	LS	--	--	(920)
Building Information Systems	LS	--	--	(973)
			Total	5,204

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

are required. Demolish 16 Buildings (TOTAL 14,665 m2/157,848 SF). Air Conditioning (Estimated 42 kW/12 Tons).

11. REQ: 87,429 m2 ADQT: 48,816 m2 SUBSTD: 17,654 m2

PROJECT: Construct a Regional Logistics Support Complex at Fort Lewis, Washington. (Current Mission)

REQUIREMENT: This project is required to provide a regional complex at Fort Lewis that can serve as the enduring location for all Army Materiel Command (AMC) mission support elements to the Army's multi-component set. This capability will support all the Program Manager/Program Executive Office (PM/PEO) supported systems, the Army Forces Generator (ARFORGEN) process, Command, Control, Communications, Computers and Intelligence, Surveillance and Reconnaissance (C4ISR) reconfiguration, Future Combat Systems (FCS) spin outs, and accommodate all Life Cycle Management Command (LCMC) forward positioned teams conducting on-site support or new fieldings. Additionally, this facility should augment support for New Equipment Training (NET) and provide a surge capability in order to respond to excessive workloads or unique support requirements.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations. Currently, AMC requirements are being accomplished in a combination of temporary sprung structures and WWII wood structures that are in poor condition (removed from condemned list to allow AMC use). The lack of permanent structures greatly hinders AMC and the Acquisition Support Community's ability to support the Soldiers of Fort Lewis and other units.

IMPACT IF NOT PROVIDED: Due to the increased AMC mission, a significant

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE Regional Logistic Support Complex	5. PROJECT NUMBER 72854
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IMPACT IF NOT PROVIDED: (CONTINUED)
 portion of the mission being moved into temporary shelters, and pending demolition of many of its facilities, the logistical support to the Senior Combatant Commander will be severely impacted.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... MAY 2011
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Lewis

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 1,078
- (b) All Other Design Costs..... 539
- (c) Total Design Cost..... 1,617
- (d) Contract..... 1,078
- (e) In-house..... 539

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE Regional Logistic Support Complex	5.PROJECT NUMBER 72854
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Steven T. Perrenot
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Yakima Firing Center Washington (Fort Lewis)				4. PROJECT TITLE Sniper Field Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65386		8. PROJECT COST (\$000) Auth 3,750 Approp 3,750	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,030
Sniper Field Fire Range		FP	4 --		511,714	(2,047)
Operations & Storage Building		m2 (SF)	74.32 (800)		1,857	(138)
Latrine		m2 (SF)	18.58 (200)		5,881	(109)
Bleacher Enclosure		m2 (SF)	67.45 (726)		1,570	(106)
Ammunition Breakdown Building		m2 (SF)	17.19 (185)		3,732	(64)
Total from Continuation page						(566)
<u>SUPPORTING FACILITIES</u>						349
Electric Service		LS	--		--	(177)
Site Imp(32) Demo()		LS	--		--	(32)
Information Systems		LS	--		--	(140)
ESTIMATED CONTRACT COST						3,379
CONTINGENCY (5.00%)						169
SUBTOTAL						3,548
SUPV, INSP & OVERHEAD (5.70%)						202
TOTAL REQUEST						3,750
TOTAL REQUEST (ROUNDED)						3,750
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Sniper Field Fire Range. Primary facilities include the Sniper Field Fire Range, operations and storage building, latrine, bleacher enclosure, ammunition breakdown building, classroom building, range operations and control area, covered mess, control tower, fencing, and building information systems. Supporting facilities include electric service, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ:		4 FP	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a standard design Sniper Field Fire Range at Yakima Firing Center, WA. (Current Mission)						
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of the sniper rifle. Combat and combat support units require training proficiency in sniper weapon systems.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Yakima Firing Center, Washington (Fort Lewis)

4. PROJECT TITLE Sniper Field Fire Range	5. PROJECT NUMBER 65386
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Classroom Building	m2 (SF)	74.32 (800)	2,460	(183)
Range Operations and Control	m2 (SY)	15,569 (18,620)	5.08	(79)
Covered Mess	m2 (SF)	74.32 (800)	951.56	(71)
Control Tower	m2 (SF)	26.94 (290)	4,746	(128)
SDD and EPAct05	LS	--	--	(9)
Building Information Systems	LS	--	--	(96)
			Total	566

CURRENT SITUATION: Currently Yakima Training Center does not have a suitable training area that meets the requirements needed for sniper gunnery. The mission of combat readiness is hindered due to lack of an adequate training area. Existing ranges do not support the current doctrine and targetry systems. The existing ranges are not configured for sniper training, qualification and/or scoring. Target systems do not provide accurate feedback and protective berms fail to protect the target mechanism. Existing ranges do not have the required length for target locations, and electrical service and/or communications connections. The lack of electrical service and "on-site" physical plant services negatively impacts training and scoring feedback.

IMPACT IF NOT PROVIDED: If this facility is not provided, Soldiers will not be able to obtain and maintain efficiency for live fire training for sniper engagements. Units will not train to standard, and the gap between equipment fielding and training will widen. Ultimately Soldiers may enter future combat less than fully prepared to employ the full capabilities of their weapons and equipment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
3.INSTALLATION AND LOCATION Yakima Firing Center, Washington (Fort Lewis)		
4.PROJECT TITLE Sniper Field Fire Range	5.PROJECT NUMBER 65386	
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>SEP 2008</u>
(b) Percent Complete As Of January 2010.....		<u>35.00</u>
(c) Date 35% Designed.....		<u>JAN 2010</u>
(d) Date Design Complete.....		<u>OCT 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Design-bid-build		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used: Fort Richardson		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>210</u>
(b) All Other Design Costs.....		<u>215</u>
(c) Total Design Cost.....		<u>425</u>
(d) Contract.....		<u>290</u>
(e) In-house.....		<u>135</u>
(4) Construction Contract Award..... <u>JAN 2011</u>		
(5) Construction Start..... <u>MAR 2011</u>		
(6) Construction Completion..... <u>MAR 2012</u>		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Yakima Firing Center, Washington (Fort Lewis)

4.PROJECT TITLE Sniper Field Fire Range	5.PROJECT NUMBER 65386
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Steven Kruger
Phone Number: 509-577-3402

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Afghanistan	Afghanistan Various (ARCENT)				
	Bagram Air Base				
68083	Consolidated Community Support Area	14,800	14,800	C	595
69404	Joint Defense Operations Center	2,800	2,800	C	598
71602	Barracks	18,000	18,000	C	601
71604	Eastside Utilities Infrastructure	29,000	29,000	C	604
71605	Eastside Electrical Distribution	10,400	10,400	C	607
71606	Entry Control Point	7,500	7,500	C	610
72242	Army Aviation HQ Facilities	19,000	19,000	C	613
		-----	-----		
	Subtotal Afghanistan Various Part I	\$ 101,500	101,500		
	* TOTAL MCA FOR Afghanistan	\$ 101,500	101,500		

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1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4.PROJECT TITLE Consolidated Community Support Area		
5.PROGRAM ELEMENT 01010A		6.CATEGORY CODE 722	7.PROJECT NUMBER 68083		8.PROJECT COST (\$000) Auth 14,800 Approp 14,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,545
Dining Facility		m2 (SF)	2,050 (22,067)		2,720	(5,575)
Physical Fitness Center		m2 (SF)	1,300 (13,994)		2,428	(3,156)
Recreation Center		m2 (SF)	1,040 (11,195)		1,820	(1,893)
Outdoor Swimming Pool		m2 (SF)	375 (4,036)		1,821	(683)
Antiterrorism Measures		LS	--		--	(66)
Building Information Systems		LS	--		--	(172)
<u>SUPPORTING FACILITIES</u>						1,620
Electric Service		LS	--		--	(283)
Water, Sewer, Gas		LS	--		--	(438)
Paving, Walks, Curbs & Gutters		LS	--		--	(307)
Storm Drainage		LS	--		--	(229)
Site Imp(86) Demo()		LS	--		--	(86)
Information Systems		LS	--		--	(166)
Antiterrorism Measures		LS	--		--	(111)
ESTIMATED CONTRACT COST						13,165
CONTINGENCY (5.00%)						658
SUBTOTAL						13,823
SUPV, INSP & OVERHEAD (7.70%)						1,064
TOTAL REQUEST						14,887
TOTAL REQUEST (ROUNDED)						14,800
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a Consolidated Community Support Center for Bagram Airfield (BAF). Primary facilities include a dining facility, a physical fitness center, a recreation center (sunshade structure and community park area), and an outdoor swimming pool. Supporting facilities include electrical, water, & sewage systems, information systems, parking, walks, curbs, drainage, and site improvements. Comprehensive building and furnishings related interior design service are required. Air Conditioning (Estimated 518 kW/147 Tons).						
11. REQ:		2,050 m2	ADQT:	NONE	SUBSTD:	2,050 m2
PROJECT: Construct a Consolidated Community Support Center at Bagram Air Field (BAF), Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide BAF with facilities for community activities that offer indoor and outdoor recreation and a dining facility.						
CURRENT SITUATION: BAF currently is a long-term installation on the United States Central Command (USCENTCOM) Master Plan. BAF does not have a community support area for service members to spend off-duty time. Military personnel are deployed to BAF for 4-15 months. These lengthy deployments require community support areas to provide activities for service members throughout						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																						
3. INSTALLATION AND LOCATION Bagram Air Base, Afghanistan																								
4. PROJECT TITLE Consolidated Community Support Area	5. PROJECT NUMBER 68083																							
<p><u>CURRENT SITUATION:</u> (CONTINUED) the seasonal changes in northern Afghanistan.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this support area, service members will continue to utilize expeditionary facilities that are temporary, do not provide adequate protection in inclement weather, and do not provide the adequate facilities for activities required for long-term deployments. Furthermore, existing temporary facilities will have to be frequently replaced.</p> <p><u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.</p>																								
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>SEP 2009</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2010.....</td> <td><u>15.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>MAR 2010</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>OCT 2010</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td><u>749</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>600</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>1,349</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>749</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>600</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>FEB 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>SEP 2012</u></p>			(a) Date Design Started.....	<u>SEP 2009</u>	(b) Percent Complete As Of January 2010.....	<u>15.00</u>	(c) Date 35% Designed.....	<u>MAR 2010</u>	(d) Date Design Complete.....	<u>OCT 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	<u>749</u>	(b) All Other Design Costs.....	<u>600</u>	(c) Total Design Cost.....	<u>1,349</u>	(d) Contract.....	<u>749</u>	(e) In-house.....	<u>600</u>
(a) Date Design Started.....	<u>SEP 2009</u>																							
(b) Percent Complete As Of January 2010.....	<u>15.00</u>																							
(c) Date 35% Designed.....	<u>MAR 2010</u>																							
(d) Date Design Complete.....	<u>OCT 2010</u>																							
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																							
(f) Type of Design Contract: Design-bid-build																								
(a) Production of Plans and Specifications.....	<u>749</u>																							
(b) All Other Design Costs.....	<u>600</u>																							
(c) Total Design Cost.....	<u>1,349</u>																							
(d) Contract.....	<u>749</u>																							
(e) In-house.....	<u>600</u>																							

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4.PROJECT TITLE Consolidated Community Support Area	5.PROJECT NUMBER 68083
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Joint Defense Operations Center		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 610	7. PROJECT NUMBER 69404	8. PROJECT COST (\$000) Auth 2,800 Approp 2,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,189
Joint Defense Operations Center		m2 (SF)	379.88 (4,089)	2,836	(1,077)
Antiterrorism Measures		LS	--	--	(14)
Building Information Systems		LS	--	--	(98)
<u>SUPPORTING FACILITIES</u>					1,304
Electric Service		LS	--	--	(503)
Water, Sewer, Gas		LS	--	--	(117)
Paving, Walks, Curbs & Gutters		LS	--	--	(325)
Storm Drainage		LS	--	--	(37)
Site Imp(98) Demo()		LS	--	--	(98)
Information Systems		LS	--	--	(193)
Antiterrorism Measures		LS	--	--	(31)
ESTIMATED CONTRACT COST					2,493
CONTINGENCY (5.00%)					125
SUBTOTAL					2,618
SUPV, INSP & OVERHEAD (7.70%)					202
TOTAL REQUEST					2,820
TOTAL REQUEST (ROUNDED)					2,800
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a Consolidated Joint Defense Operations Center to house all base defense functions and command and control elements at Bagram Air Field. This facility will provide a Joint Defense Operations Center, administrative offices, a command post, briefing/conference room, break room, storage, and restrooms. In addition, there will be a communications room, and Sensitive Compartmented Information Facility (SCIF) area. Supporting facilities include electrical service, water and storage tanks, water and sewage distribution system, mechanical systems, walkways, drainage and landscaping. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 14 kW/4 Tons).					
11. REQ: 380 m2 ADQT: NONE SUBSTD: 380 m2					
PROJECT: Construct a Joint Defense Operations Center at Bagram Air Base, Afghanistan. (Current Mission)					
REQUIREMENT: A consolidated Joint Defense Operations Center facility is required for the joint use of security forces for Bagram. The facility will accommodate administrative activities and mission critical operational support infrastructure that will protect valuable assets and resources at Bagram and enhance the force protection posture for the installation.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE Joint Defense Operations Center	5. PROJECT NUMBER 69404
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CURRENT SITUATION: Bagram Air Base currently is an enduring installation. Bagram does not have a Joint Defense Operations Center. Currently, there are two separate command and control facilities for base defense operating out of two degraded Soviet-era facilities. The Army operates in a small room in one building and the other the United States Air Force operates out of an equipment room. Both rooms are too small to function effectively and the separated nature of current operations contributes to slow reactions to base attacks.

IMPACT IF NOT PROVIDED: If this project is not provided, current Air Force and Army missions will continue to operate out of facilities that are degraded and inadequate to meet the security and force protection needs at Bagram. Base defense functions will continue to be geographically separated, increasing the response times in hostile situations and base attacks and limiting command and control capabilities. The current facilities will require continual maintenance to keep them viable. Existing demands on current infrastructure will continue to limit the capabilities of new security assets that are being acquired to meet the needs for Overseas Contingency Operations.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	SEP 2009
(b) Percent Complete As Of January 2010.....	15.00
(c) Date 35% Designed.....	MAR 2010
(d) Date Design Complete.....	OCT 2010
(e) Parametric Cost Estimating Used to Develop Costs	YES
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	137
(b) All Other Design Costs.....	109
(c) Total Design Cost.....	246
(d) Contract.....	137
(e) In-house.....	109
(4) Construction Contract Award.....	JAN 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE Joint Defense Operations Center	5. PROJECT NUMBER 69404
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 721	7. PROJECT NUMBER 71602		8. PROJECT COST (\$000) Auth 18,000 Approp 18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,218
Barracks		m2 (SF)	9,368 (100,836)		1,436	(13,453)
Antiterrorism Measures		LS	--		--	(69)
Building Information Systems		LS	--		--	(696)
<u>SUPPORTING FACILITIES</u>						1,554
Electric Service		LS	--		--	(389)
Water, Sewer, Gas		LS	--		--	(604)
Paving, Walks, Curbs & Gutters		LS	--		--	(262)
Storm Drainage		LS	--		--	(59)
Site Imp(149) Demo()		LS	--		--	(149)
Information Systems		LS	--		--	(8)
Antiterrorism Measures		LS	--		--	(83)
ESTIMATED CONTRACT COST						15,772
CONTINGENCY (5.00%)						789
SUBTOTAL						16,561
SUPV, INSP & OVERHEAD (7.70%)						1,275
TOTAL REQUEST						17,836
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct contingency standard design Barracks to provide housing for 640 Soldiers. Supporting Facilities include electrical services, water storage tanks, water and sewage distribution systems, mechanical systems, roads, drainage, site improvements, and parking. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 305 kWr/87 Tons).						
11. REQ: 2,880 PN ADQT: 1,920 PN SUBSTD: 960 PN						
PROJECT: Construct Barracks at Bagram Airfield (BAF), Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide adequate housing to keep service members protected from indirect fire attacks, an unsafe and unhealthy living environment, and extreme weather conditions, thereby enhancing the quality of life for Soldiers at BAF.						
CURRENT SITUATION: The harsh Afghanistan environment has deteriorated BAF's current billeting, made up mostly of wooden B-huts. Existing billeting does not provide adequate protection from harsh weather, creates unhealthy conditions, and is substandard housing.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 71602
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IMPACT IF NOT PROVIDED: Failure to provide adequate housing greatly increases the risk of mass casualties from insurgent attacks. The likelihood of attack on a billeting area increases as there is mounting evidence that insurgent forces are specifically targeting these facilities in order to inflict the maximum number of casualties. Additionally, the combat readiness of personnel is negatively impacted due to living in plywood B-huts that pose a fire hazard and are not properly insulated for continuous exposure to extreme weather conditions.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAY 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Bagram Air Base

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 715
 - (b) All Other Design Costs..... 715
 - (c) Total Design Cost..... 1,430
 - (d) Contract..... 715
 - (e) In-house..... 715

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... SEP 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4.PROJECT TITLE Barracks	5.PROJECT NUMBER 71602
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Eastside Utilities Infrastructure		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 871	7. PROJECT NUMBER 71604	8. PROJECT COST (\$000) Auth 29,000 Approp 29,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Water Distribution System	m3l(BL)	2,841	(17,870)	3,721	(10,571)
Sanitary Sewer System	m3l(BL)	2,841	(17,870)	2,508	(7,125)
Storm Sewer System	m (LF)	20,285	(66,552)	242.15	(4,912)
Building Information Systems	LS	--	--	--	(26)
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	--	(1,831)
Site Imp(447) Demo()	LS	--	--	--	(447)
Information Systems	LS	--	--	--	(106)
Antiterrorism Measures	LS	--	--	--	(198)
ESTIMATED CONTRACT COST					25,216
CONTINGENCY (5.00%)					<u>1,261</u>
SUBTOTAL					26,477
SUPV, INSP & OVERHEAD (7.70%)					<u>2,039</u>
TOTAL REQUEST					28,516
TOTAL REQUEST (ROUNDED)					29,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct an extension of Water, Wastewater, and Stormwater utilities to eastern expansion area of Bagram Air Field (BAF). The Water Treatment Plant and distribution system and the Waste Water Treatment & Collection System will service the entire expansion area. Primary facilities include storm sewer, a water treatment plant, water wells, water distribution lines, storage tanks, pump stations, water supply treatment building, Waste Water Treatment System (including wastewater plant, force mains, sewage lift stations and pumps, and connection to existing facilities currently served by septic tank systems), sanitary sewer retaining structures, and building information systems. Supporting facilities include electric service, information systems, and site improvements.					
11. REQ: 2,841 m3l ADQT: NONE SUBSTD: NONE					
PROJECT: Construct Water, Wastewater, and Stormwater Infrastructure Systems at Bagram Air Field (BAF), Afghanistan. (Current Mission)					
REQUIREMENT: This project is required to provide adequate utilities infrastructure to the eastside of BAF expansion area to support existing and planned facilities. With the increasing population at BAF, this infrastructure project is necessary to support the expansion to the eastside of BAF.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE Eastside Utilities Infrastructure	5. PROJECT NUMBER 71604
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CURRENT SITUATION: Currently, a yearly contract cost is paid to supply drinking water and potable water on BAF. Drinking water must be trucked in, inspected, and searched prior to entering or leaving the base. This trucking process is expensive, time consuming, and a major Force Protection risk. The Sewage Waste Water system uses pump trucks that cost the base significantly more for operation than the cost of this proposed plant. Disruptive flooding occurs at Bagram Airfield during winter rainfalls and spring melting snow due to inadequate or non-existent drainage infrastructure. Flood events produce ponding over much of the Disney road corridor, across the north end of Disney road, flight line apron, taxiway and runways, impacting vehicle traffic and flight operations.

IMPACT IF NOT PROVIDED: If not provided, a significant loss of mission capability is inevitable at BAF because facilities, personnel, and classified material will be "in range" of hostile actions from water trucks entering and exiting Bagram, a monumental force protection threat. In addition, the water distribution will continue to be a problem at Bagram Air Field. Sewage lagoon ponding will create breeding grounds for vector-borne diseases such as malaria. Expeditionary grade facilities in the flooding areas will continue to promote insect infestations that require quarantine and demolition. As a result of inadequate capacity and lack of drainage infrastructure, disruption will occur to ongoing mission operations on the flightline.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>SEP 2009</u>
(b) Percent Complete As Of January 2010.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>MAY 2010</u>
(d) Date Design Complete.....	<u>OCT 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design:	NO
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>1,113</u>
(b) All Other Design Costs.....	<u>1,113</u>
(c) Total Design Cost.....	<u>2,226</u>

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE Eastside Utilities Infrastructure	5. PROJECT NUMBER 71604
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	<u>1,113</u>
(e) In-house.....	<u>1,113</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>MAR 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE Eastside Electrical Distribution		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 812	7. PROJECT NUMBER 71605		8. PROJECT COST (\$000) Auth 10,400 Approp 10,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						6,908
Electrical Distribution		m (LF)	8,100 (26,575)		564.86	(4,575)
Exterior Lighting		m (LF)	11,800 (38,714)		197.75	(2,333)
SUPPORTING FACILITIES						2,213
Paving, Walks, Curbs & Gutters		LS	--		--	(885)
Site Imp(1,328) Demo()		LS	--		--	(1,328)
ESTIMATED CONTRACT COST						9,121
CONTINGENCY (5.00%)						456
SUBTOTAL						9,577
SUPV, INSP & OVERHEAD (7.70%)						737
TOTAL REQUEST						10,314
TOTAL REQUEST (ROUNDED)						10,400
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct Underground (UG) High Voltage (HV) power distribution system to the far eastern expansion of Bagram Airfield (BAF). Establish feeder ties at designated locations. Establish interconnection between HV feeders at designated locations. Establish security lighting system throughout the eastern expansion. Supporting facilities include paving, walks, curbs and gutters, and site improvements.						
11. REQ:		8,100 m	ADQT:	NONE	SUBSTD:	8,100 m
PROJECT: Extend HV Electrical Distribution System to the far eastern expansion of BAF, Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to meet electric demand of the future facilities planned in the far east expansion of BAF. Extension of additional HV feeders from the eastside of the runway to BAF's easternmost perimeter is necessary in order to meet future facility projects in that area.						
CURRENT SITUATION: Power for the existing base is currently provided by a 30MVA modular Prime Power Plant. Power is generated at 480V, 60Hz, and stepped-up to 4.16kV, 60Hz, via multiple step-up transformers for base-wide distribution. The current power distribution system east of the runway terminates approximately halfway between the runway and the outermost perimeter of BAF. Electrical distribution is required in this unimproved area						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE Eastside Electrical Distribution	5. PROJECT NUMBER 71605
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CURRENT SITUATION: (CONTINUED)
as a precursor for any facility construction in the far eastern expansion. This project will provide power to future mission essential facilities, to include, Waste Water Treatment Plant, Brigade Surge Area, and Bagram Theater Internment Facility.
IMPACT IF NOT PROVIDED: If this project is not provided new facilities in the far eastern expansion will lack adequate electrical service. Without eastern expansion, BAF will continue to be overly congested and lacking the proper force protection stand-off distances from the perimeter fence.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>SEP 2009</u>
(b) Percent Complete As Of January 2010.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>MAY 2010</u>
(d) Date Design Complete.....	<u>OCT 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>515</u>
(b) All Other Design Costs.....	<u>412</u>
(c) Total Design Cost.....	<u>927</u>
(d) Contract.....	<u>515</u>
(e) In-house.....	<u>412</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>MAR 2011</u>
(6) Construction Completion.....	<u>MAR 2012</u>

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4.PROJECT TITLE Eastside Electrical Distribution	5.PROJECT NUMBER 71605
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Entry Control Point		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 141	7. PROJECT NUMBER 71606	8. PROJECT COST (\$000) Auth 7,500 Approp 7,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,544
Entrance Control Point		m2 (SF)	18,000 (193,750)	222.89	(4,012)
Roads		m2 (SF)	10,000 (107,639)	120.21	(1,202)
Guard Towers		EA	4 --	74,216	(297)
Antiterrorism Measures		LS	--	--	(17)
Building Information Systems		LS	--	--	(16)
<u>SUPPORTING FACILITIES</u>					1,129
Electric Service		LS	--	--	(160)
Site Imp(381) Demo()		LS	--	--	(381)
Information Systems		LS	--	--	(18)
Antiterrorism Measures		LS	--	--	(570)
ESTIMATED CONTRACT COST					6,673
CONTINGENCY (5.00%)					<u>334</u>
SUBTOTAL					7,007
SUPV, INSP & OVERHEAD (7.70%)					<u>540</u>
TOTAL REQUEST					7,547
TOTAL REQUEST (ROUNDED)					7,500
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct an Entry Control Facility at Bagram Air Field (BAF). Primary facilities include the entry control facility with inspection area/material transfer point, guard towers, fencing, lighting, roads and building information systems. Supporting facilities include all required utilities, site improvements, information systems, and antiterrorism measures.					
11. REQ: 18,000 m2 ADQT: NONE SUBSTD: 18,000 m2					
PROJECT: Construct a main Entry Control Point (ECP) Facility for Bagram Air Field. (Current Mission)					
REQUIREMENT: BAF requires a main Entry Control Point (ECP) that is sized for the daily traffic volume and provides force protection standoff. The ECP will provide material transfer points to allow quick and efficient delivery of bulk items while maximizing force protection considerations.					
CURRENT SITUATION: The current ECP is undersized, inadequately designed, and has insufficient stand-off distances. The ECP cannot accommodate the traffic accessing the airfield. Entering traffic is delayed while being inspected and cleared for entry. No X-ray inspection capability is available, therefore, all vehicles must be inspected visually. The vehicle staging area is insufficient and causes congestion. Stand-off distances and staging areas cannot be					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Bagram Air Base, Afghanistan		
4. PROJECT TITLE Entry Control Point	5. PROJECT NUMBER 71606	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>expanded due to proximity of a village and a minefield. The existing ECP structure cannot be renovated while in operation without closing.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If a new ECP is not constructed, combat operations at Bagram will be at risk. In addition, since Bagram is a major supply hub for the rest of the Combined Joint Operations Area, combat operations throughout Afghanistan will also be at risk.</p> <p><u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	SEP 2009	
(b) Percent Complete As Of January 2010.....	15.00	
(c) Date 35% Designed.....	MAY 2010	
(d) Date Design Complete.....	OCT 2010	
(e) Parametric Cost Estimating Used to Develop Costs	YES	
(f) Type of Design Contract: Design-bid-build		
(2) Basis:		
(a) Standard or Definitive Design: NO		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	374	
(b) All Other Design Costs.....	299	
(c) Total Design Cost.....	673	
(d) Contract.....	374	
(e) In-house.....	299	
(4) Construction Contract Award.....		
JAN 2011		
(5) Construction Start.....		
MAR 2011		
(6) Construction Completion.....		
MAR 2012		

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4.PROJECT TITLE Entry Control Point	5.PROJECT NUMBER 71606
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE Army Aviation HQ Facilities		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 141	7. PROJECT NUMBER 72242		8. PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,850
Battalion Headquarters		m2 (SF)	3,600 (	38,750)	2,312	(8,324)
Brigade Headquarters		m2 (SF)	1,650 (	17,760)	2,312	(3,815)
Antiterrorism Measures		LS	--	--	--	(249)
Building Information Systems		LS	--	--	--	(462)
<u>SUPPORTING FACILITIES</u>						3,760
Electric Service		LS	--	--	--	(939)
Water, Sewer, Gas		LS	--	--	--	(572)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(629)
Storm Drainage		LS	--	--	--	(314)
Site Imp(205) Demo(32)		LS	--	--	--	(237)
Information Systems		LS	--	--	--	(571)
Antiterrorism Measures		LS	--	--	--	(498)
ESTIMATED CONTRACT COST						16,610
CONTINGENCY (5.00%)						831
SUBTOTAL						17,441
SUPV, INSP & OVERHEAD (7.70%)						1,343
TOTAL REQUEST						18,784
TOTAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct an Army Aviation Headquarters, consisting of a Brigade and Battalion Headquarters. Facilities will provide all necessary administrative and command & control space required for brigade and battalion level headquarter operations and building information systems. Supporting Facilities include electrical service, water and sewage service, mechanical systems, roads, drainage, parking, walks, curbs and gutters, information systems, and site improvements. Antiterrorism measures will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 190 kW/54 Tons).						
11. REQ:		5,250 m2	ADQT:	NONE	SUBSTD:	5,250 m2
PROJECT: Construct an Army Aviation Headquarters at Bagram Airfield (BAF), Afganistan. (Current Mission)						
REQUIREMENT: The Air Force has an operational need for the facilities currently occupied by Army Aviation on the west side of the runway. Army Aviation Units at BAF will be moved to the east side of the runway. In order to facilitate the enduring Army Aviation mission and its command & control (C2) element, all support facilities currently on the west side of the runway need to be moved to the east side.						

1.COMONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		27 JAN 2010

3.INSTALLATION AND LOCATION
 Bagram Air Base, Afghanistan

4.PROJECT TITLE	5.PROJECT NUMBER
Army Aviation HQ Facilities	72242

CURRENT SITUATION: The Army Aviation unit is currently located in two Soviet-era Concrete Masonry Unit (CMU) buildings on the west side of the runway. These buildings currently are limiting the ability to perform missions due to the lack of space and insufficient information systems. Furthermore, the Air force has already finalized plans to take control of these buildings in the next few years.

IMPACT IF NOT PROVIDED: If this project is not funded, Army Aviation will not have a designated and enduring location for C2 after being relocated by the Air Force who will be taking over the current facilities. Without a place to conduct missions and provide command and control of aircraft, Army Aviation will not have sufficient C2 facilities to launch missions out of BAF and into the Afghanistan theatre.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAY 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,108
 - (b) All Other Design Costs..... 738
 - (c) Total Design Cost..... 1,846
 - (d) Contract..... 1,108
 - (e) In-house..... 738

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... APR 2011

(6) Construction Completion..... JUN 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4.PROJECT TITLE Army Aviation HQ Facilities	5.PROJECT NUMBER 72242
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2011
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Germany	Germany Various (IMCOM)				619
	409th BSB Grafenwoehr				
68606	Barracks	19,000	19,000	C	621
69612	Barracks	20,000	20,000	C	624
69613	Barracks	19,000	19,000	C	627
	Ansbach				
59434	Physical Fitness Center	13,800	13,800	C	630
66834	Vehicle Maintenance Shop	18,000	18,000	C	633
	Grafenwoehr				
67968	Barracks	17,500	17,500	C	637
	Sembach				
66465	Confinement Facility	9,100	9,100	C	640
	Kaiserslautern Rhine Ordnance Barracks				
66595	Barracks Complex	35,000	35,000	C	644
	Wiesbaden Wiesbaden Air Base				
60555	Information Processing Center	30,400	30,400	C	647
68074	Construct New ACP	5,100	5,100	C	651
68866	Sensitive Compartmented Information Fac	91,000	91,000	C	654
69719	Command and Battle Center, Incr 2	0	59,500	C	658
	Subtotal Germany Various Part I	\$ 277,900	337,400		
	* TOTAL MCA FOR Germany	\$ 277,900	337,400		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Germany Various Germany			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.14	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	5869	31960	16982	0	236	16	83,674
B. END FY 2015	4998	20934	14996	0	209	23	67,279
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	1,292 ha		(3,193 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							2,409,110
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,462,172
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							277,900
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							168,050
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							1,360,194
H. GRAND TOTAL.....							5,677,426
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
740	59434	Physical Fitness Center		13,800	09/2008	10/2010	
131	60555	Information Processing Center		30,400	04/2008	10/2010	
730	66465	Confinement Facility		9,100	09/2008	10/2010	
721	66595	Barracks Complex		35,000	09/2008	10/2010	
214	66834	Vehicle Maintenance Shop		18,000	09/2008	10/2010	
721	67968	Barracks		17,500	09/2008	10/2010	
141	68074	Construct New ACP		5,100	09/2009	10/2010	
721	68606	Barracks		19,000	09/2008	10/2010	
141	68866	Sensitive Compartmented Information Fac		91,000	01/2008	10/2010	
721	69613	Barracks		19,000	09/2008	10/2010	
721	69612	Barracks		20,000	09/2008	10/2010	
141	69719	Command and Battle Center, Incr 2		59,500	11/2007	09/2008	
TOTAL				337,400			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. INCLUDED IN THE FY 2012 PROGRAM:							
740	Physical Fitness Facility		9,500				
740	Child Development Center		4,750				
736	Chapel		11,000				
131	Wideband SATCOM Operations Center		24,000				
721	Barracks Conversion, Kelley		7,500				
131	SATCOM Facility		46,000				

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Germany Various, Germany

9. FUTURE PROJECT APPROPRIATIONS: (...CONTINUED)

CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2012 PROGRAM:		
740	Renovated Physical Fitness Center	4,450
872	Construct ACP	5,700
179	Combat Trail	4,750
178	Qualification Training Range	7,000
721	New Barracks	16,000
441	AAFES Europe, Central Distribution Fac	21,000
178	Modified Record Fire Range	6,400
TOTAL		168,050

B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A

10. MISSION OR MAJOR FUNCTIONS:

Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as a base for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations. These units consist of combat, combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force overseas.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION 409th BSB Grafenwoehr Germany (Germany Various)				4.PROJECT TITLE Barracks		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 68606		8.PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,598
Barracks		m2 (SF)	5,537 (59,598)		2,487	(13,772)
EMCS Connection		LS	--		--	(63)
SDD and EPAct05		LS	--		--	(277)
Antiterrorism Measures		LS	--		--	(307)
Building Information Systems		LS	--		--	(179)
<u>SUPPORTING FACILITIES</u>						2,175
Electric Service		LS	--		--	(79)
Water, Sewer, Gas		LS	--		--	(529)
Steam And/Or Chilled Water Dist		LS	--		--	(134)
Paving, Walks, Curbs & Gutters		LS	--		--	(351)
Storm Drainage		LS	--		--	(381)
Site Imp(576) Demo()		LS	--		--	(576)
Information Systems		LS	--		--	(95)
Antiterrorism Measures		LS	--		--	(30)
ESTIMATED CONTRACT COST						16,773
CONTINGENCY (5.00%)						839
SUBTOTAL						17,612
SUPV, INSP & OVERHEAD (6.50%)						1,145
TOTAL REQUEST						18,757
TOTAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design barracks. Primary facility includes the barracks, building information systems, Fire/smoke detection and alarm system, connection to Energy Monitoring and Control System (EMCS) will be provided and connected to the installation central system. Antiterrorism/force protection will be provided by resistance to progressive collapse, special doors and windows, and site measures. Supporting facilities include electric service, water, sanitary sewer, storm drainage, exterior lighting, paving, walks, curbs, and gutters, privately owned vehicle parking, bicycle racks and site improvements. Heating will be provided by connection to district heating system. Access for individuals with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 524 kW/149 Tons).						
11. REQ: 2,800 PN ADQT: 2,556 PN SUBSTD: NONE						
PROJECT: Construct a standard design barracks. (Current Mission)						
REQUIREMENT: This project is required to provide living conditions that meet current Army standards for Soldiers. The maximum barracks utilization is 154 Soldiers. Intended utilization is 106 Junior Enlisted and 24 Sergeants.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

409th BSB Grafenwoehr, Germany (Germany Various)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 68606
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CURRENT SITUATION: Currently Soldiers live in substandard and deteriorated barracks that need to be upgraded to latest Army standards.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$15.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Grafenwoehr, Germany. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Irwin

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 788

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

409th BSB Grafenwoehr, Germany (Germany Various)

4.PROJECT TITLE Barracks	5.PROJECT NUMBER 68606
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	631
(c) Total Design Cost.....	1,419
(d) Contract.....	788
(e) In-house.....	631
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	APR 2011
(6) Construction Completion.....	APR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Dwane Watsek
Phone Number: 011-49-964-183-1360

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION 409th BSB Grafenwoehr Germany (Germany Various)			4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 69612	8. PROJECT COST (\$000) Auth 20,000 Approp 20,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					14,714
Barracks	m2 (SF)	5,537	(59,598)	2,487	(13,772)
Storage Facility	m2 (SF)	54.44	(586)	1,443	(79)
EMCS Connection	LS	--	--	--	(77)
SDD and EPAct05	LS	--	--	--	(279)
Antiterrorism Measures	LS	--	--	--	(330)
Building Information Systems	LS	--	--	--	(177)
<u>SUPPORTING FACILITIES</u>					3,059
Electric Service	LS	--	--	--	(177)
Water, Sewer, Gas	LS	--	--	--	(386)
Steam And/Or Chilled Water Dist	LS	--	--	--	(1,110)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(111)
Storm Drainage	LS	--	--	--	(228)
Site Imp(282) Demo()	LS	--	--	--	(282)
Information Systems	LS	--	--	--	(701)
Antiterrorism Measures	LS	--	--	--	(64)
ESTIMATED CONTRACT COST					17,773
CONTINGENCY (5.00%)					889
SUBTOTAL					18,662
SUPV, INSP & OVERHEAD (6.50%)					1,213
TOTAL REQUEST					19,875
TOTAL REQUEST (ROUNDED)					20,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design barracks at South Camp Vilseck. Project includes baracks, storage building, fire alarm detection and reporting systems, connection to the Energy Monitoring and Control System (EMCS), building information systems, and force protection measures. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Heating will be provided by connection to central heating system. Antiterrorism/force protection (AT/FP) will be provided. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 528 kW/150 Tons).					
11. REQ: 2,791 PN ADQT: 2,114 PN SUBSTD: 157 PN					
PROJECT: Construct a standard design barracks at South Camp Vilseck, Germany. (Current Mission)					
REQUIREMENT: This project is required to provide living conditions that meet current Army standards for Soldiers. The maximum barracks utilization is 154 soldiers. Intended utilization is 106 Junior Enlisted and 24 Sergeants.					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

409th BSB Grafenwoehr, Germany (Germany Various)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 69612
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CURRENT SITUATION: Soldiers are living in substandard and deteriorated facilities. There are no facilities on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$15.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Grafenwoehr, Germany. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 105 personnel at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... SEP 2008

(b) Percent Complete As Of January 2010..... 35.00

(c) Date 35% Designed..... JAN 2010

(d) Date Design Complete..... OCT 2010

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-bid-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Irwin

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

409th BSB Grafenwoehr, Germany (Germany Various)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 69612
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	889
(b) All Other Design Costs.....	712
(c) Total Design Cost.....	1,601
(d) Contract.....	889
(e) In-house.....	712
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Dwane Watsek
Phone Number: 011-49-964-183-1360

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION 409th BSB Grafenwoehr Germany (Germany Various)				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 69613		8. PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,739
Barracks		m2 (SF)	5,537 (59,598)		2,487	(13,772)
Storage Facility		m2 (SF)	54.44 (586)		1,443	(79)
EMCS Connection		LS	--		--	(77)
SDD and EPAct05		LS	--		--	(279)
Antiterrorism Measures		LS	--		--	(355)
Building Information Systems		LS	--		--	(177)
<u>SUPPORTING FACILITIES</u>						2,037
Electric Service		LS	--		--	(146)
Water, Sewer, Gas		LS	--		--	(333)
Steam And/Or Chilled Water Dist		LS	--		--	(130)
Paving, Walks, Curbs & Gutters		LS	--		--	(111)
Storm Drainage		LS	--		--	(150)
Site Imp(428) Demo()		LS	--		--	(428)
Information Systems		LS	--		--	(701)
Antiterrorism Measures		LS	--		--	(38)
ESTIMATED CONTRACT COST						16,776
CONTINGENCY (5.00%)						839
SUBTOTAL						17,615
SUPV, INSP & OVERHEAD (6.50%)						1,145
TOTAL REQUEST						18,760
TOTAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design barracks at South Camp Vilseck. Project includes connection to existing utilities and energy sources. Provide connection to Energy Monitoring and Control Systems (EMCS). Project also includes fire alarm detection and reporting systems, storage building, and force protection measures. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Heating will be provided by connection to central heating system. Antiterrorism/force protection (AT/FP) will be provided. Access for individuals with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 524 kWr/149 Tons).						
11. REQ:		2,791 PN	ADQT:		2,114 PN	SUBSTD: 157 PN
PROJECT: Construct a standard design barracks at South Camp Vilseck, Germany. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

409th BSB Grafenwoehr, Germany (Germany Various)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 69613
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REQUIREMENT: This project is required to provide living conditions that meet current Army standards for Soldiers. The maximum barracks utilization is 154 Soldiers. Intended utilization is 106 Junior Enlisted and 24 Sergeants.

CURRENT SITUATION: Soldiers are living in substandard and deteriorated facilities. There are no facilities on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$15.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Grafenwoehr, Germany. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 105 personnel at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
409th BSB Grafenwoehr, Germany (Germany Various)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 69613
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Irwin

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	842
(b) All Other Design Costs.....	673
(c) Total Design Cost.....	1,515
(d) Contract.....	842
(e) In-house.....	673
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	SEP 2012

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NA			

Installation Engineer: Dwane Watsek
Phone Number: 011-49-964-183-1360

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Ansbach Germany (Germany Various)			4. PROJECT TITLE Physical Fitness Center		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 740	7. PROJECT NUMBER 59434	8. PROJECT COST (\$000) Auth 13,800 Approp 13,800		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,949
Physical Fitness Facility	m2 (SF)	4,120 (44,347)		2,422	(9,979)
EMCS Connection	LS	--		--	(20)
SDD and EPAct05	LS	--		--	(200)
Antiterrorism Measures	LS	--		--	(621)
Building Information Systems	LS	--		--	(129)
<u>SUPPORTING FACILITIES</u>					1,389
Electric Service	LS	--		--	(109)
Water, Sewer, Gas	LS	--		--	(358)
Steam And/Or Chilled Water Dist	LS	--		--	(122)
Paving, Walks, Curbs & Gutters	LS	--		--	(277)
Storm Drainage	LS	--		--	(86)
Site Imp(343) Demo()	LS	--		--	(343)
Information Systems	LS	--		--	(53)
Antiterrorism Measures	LS	--		--	(41)
ESTIMATED CONTRACT COST					12,338
CONTINGENCY (5.00%)					617
SUBTOTAL					12,955
SUPV, INSP & OVERHEAD (6.50%)					842
TOTAL REQUEST					13,797
TOTAL REQUEST (ROUNDED)					13,800
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a small standard design Physical Fitness Facility (PFF). Supporting facilities include utilities, roads, curbs and gutters, parking, walkways, storm drainage, lighting, landscaping, force protection, information systems, and site improvements. Project includes fire protection, alarm systems, building information systems, and connection to Energy Monitoring and Control Systems (EMCS). Antiterrorism/Force Protection (AT/FP) requirements are included. A package heating and air conditioning unit is included. Accessibility for individuals with disabilities shall be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 106 kW/30 Tons).					
11. REQ: 4,120 m2 ADQT: NONE SUBSTD: 3,617 m2					
PROJECT: Construct a standard design Physical Fitness Facility at Ansbach, Germany. (Current Mission)					
REQUIREMENT: This project is required to support individual Soldier's need to maintain personal fitness. The project supports morale and physical readiness through physical conditioning, athletic training and competitive sports. It also supports health and recreational needs of family members and					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Ansbach, Germany (Germany Various)		
4. PROJECT TITLE Physical Fitness Center	5. PROJECT NUMBER 59434	
<p><u>REQUIREMENT:</u> (CONTINUED) civilian support personnel living in the Ansbach area.</p> <p><u>CURRENT SITUATION:</u> There are currently three small fitness facilities within the Ansbach area. The primary community Physical Fitness Facility (PFF) occupies 25,875 SF in a converted, pre-World War II aircraft maintenance hangar that it shares with the installation Commissary. The facility is significantly undersized and substantailly below functional standards for Army or civilian fitness centers. Due to the small size of the facility some activities are restricted, and some common fitness activities are not possible. The facility lacks an indoor running track. There is no room for circuit training. The reception desk does not provide positive access control to the facility, and does not have visual oversight of key exercise areas. Locker rooms, showers, and restrooms are significantly undersized. Storage is extremely limited. There is no lobby or waiting area. The facility does not meet ATFP standoff distances, nor does it meet Americans with Disability Act (ADA) standards for accessibility. The facility cannot be renovated and expanded to meet current standards due to physical and ATFP constraints.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, physical fitness and quality of life will be adversely impacted.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not eligible for NATO infrastructure support, nor is it expected to become eligible in the foreseeable future.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAY 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Ansbach, Germany (Germany Various)

4. PROJECT TITLE Physical Fitness Center	5. PROJECT NUMBER 59434
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Stewart

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 637

(b) All Other Design Costs..... 510

(c) Total Design Cost..... 1,147

(d) Contract..... 637

(e) In-house..... 510

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Timothy Richardson

Phone Number: 011-49-9802-83-1560

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Ansbach Germany (Germany Various)				4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 66834		8. PROJECT COST (\$000) Auth 18,000 Approp 18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,130
Vehicle Maintenance Shop		m2 (SF)	1,672 (18,000)		2,648	(4,428)
Company Operations Facility		m2 (SF)	1,337 (14,395)		2,584	(3,455)
Covered Hardstand		m2 (SF)	277.32 (2,985)		839.57	(233)
Organizational Vehicle Parking		m2 (SY)	31,238 (37,360)		132.99	(4,154)
Oil Storage Building		m2 (SF)	44.59 (480)		1,370	(61)
Total from Continuation page						(799)
<u>SUPPORTING FACILITIES</u>						3,135
Electric Service		LS	--		--	(418)
Water, Sewer, Gas		LS	--		--	(191)
Steam And/Or Chilled Water Dist		LS	--		--	(34)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,043)
Storm Drainage		LS	--		--	(187)
Site Imp(267) Demo(731)		LS	--		--	(998)
Information Systems		LS	--		--	(207)
Antiterrorism Measures		LS	--		--	(57)
ESTIMATED CONTRACT COST						16,265
CONTINGENCY (5.00%)						813
SUBTOTAL						17,078
SUPV, INSP & OVERHEAD (6.50%)						1,110
TOTAL REQUEST						18,188
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard-design organizational and direct support vehicle maintenance shop, including maintenance bays, inspection bays, inspection pits, overhead bridge cranes, compressed air system with compressors, areas for shop control, supplies, tools, latrines and break areas, organizational vehicle parking, hazardous waste storage, and oil storage facility and a Company Operations Facility with covered hardstand. Supporting facilities include connections to utilities, electric service and transformer, underground district heating lines, area and security lighting, fire protection and alarm systems, paving, walks, curbs, and gutters; parking; oil and water separator; storm water drainage system; security fencing and lighting; information systems, sewer; and site improvements. Access for individuals with disabilities will be provided in administrative and public areas. Required anti-terrorism protection measures will be included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. A fire detection and suppression system, installation of intrusion detection system (IDS), and connections to an energy monitoring and control system (EMCS) will also be provided. Demolish 4 Buildings (TOTAL 3,499 m2/37,663 SF). Air Conditioning (Estimated 295 kW _r /84 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Ansbach, Germany (Germany Various)

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 66834
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hazardous Waste Storage	m2 (SF)	44.59 (480)	1,370	(61)
IDS Installation	LS	--	--	(230)
EMCS Connections	LS	--	--	(150)
SDD and EPAct05	LS	--	--	(90)
Antiterrorism Measures	LS	--	--	(160)
Building Information Systems	LS	--	--	(108)
			Total	799

11. REQ: 13,757 m2 ADQT: 12,084 m2 SUBSTD: 1,217 m2

PROJECT: Construct a Vehicle Maintenance shop and Company Operations Facility and at Ansbach, Germany. (Current Mission)

REQUIREMENT: This project will support maintenance of organizational equipment and vehicles to maintain combat readiness. This project will provide functionally adequate operational and maintenance facilities meeting current standards. Demolition of existing substandard buildings will provide much needed organizational parking on the installation.

CURRENT SITUATION: Currently maintenance activities are conducted in three separate WWII vintage buildings on Katterbach Kaserne. The buildings do not meet current standards and cannot be upgraded. Bay widths are too narrow for modern vehicles and bays open only to one side of the building. Heating and ventilation is inadequate. Ceilings are too low, which limits the work that can be performed and the size of vehicle that can enter the facility. As a result, some maintenance activities must occur outside exposing personnel to inclement weather. Vehicle maneuver room and turning radius are inadequate. Company headquarters are located in former WWII era vehicle maintenance bays that have been modified with addition of non load bearing interior walls.

IMPACT IF NOT PROVIDED: If this project is not provided maintenance operations will continue to occur in substandard facilities, adversely affecting readiness of equipment. Energy costs will remain high as the existing shop facilities are outdated and energy inefficient. Company training and command and control will be compromised if continued in the existing company headquarters.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Ansbach, Germany (Germany Various)		
4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 66834	
<p>ADDITIONAL: (CONTINUED)</p> <p>for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Campbell</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>768</u></p> <p>(b) All Other Design Costs..... <u>615</u></p> <p>(c) Total Design Cost..... <u>1,383</u></p> <p>(d) Contract..... <u>768</u></p> <p>(e) In-house..... <u>615</u></p> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2012</u></p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Ansbach, Germany (Germany Various)

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 66834
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Timothy Richardson
Phone Number: 011-49-9802-1560

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Grafenwoehr Germany (Germany Various)				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 67968		8. PROJECT COST (\$000) Auth 17,500 Approp 17,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,720
Barracks		m2 (SF)	5,537 (59,598)		2,487	(13,772)
EMCS Connection		LS	--		--	(62)
SDD and EPAct05		LS	--		--	(272)
Antiterrorism Measures		LS	--		--	(435)
Building Information Systems		LS	--		--	(179)
<u>SUPPORTING FACILITIES</u>						898
Electric Service		LS	--		--	(11)
Water, Sewer, Gas		LS	--		--	(168)
Steam And/Or Chilled Water Dist		LS	--		--	(75)
Paving, Walks, Curbs & Gutters		LS	--		--	(65)
Storm Drainage		LS	--		--	(227)
Site Imp(236) Demo()		LS	--		--	(236)
Information Systems		LS	--		--	(95)
Antiterrorism Measures		LS	--		--	(21)
ESTIMATED CONTRACT COST						15,618
CONTINGENCY (5.00%)						781
SUBTOTAL						16,399
SUPV, INSP & OVERHEAD (6.50%)						1,066
TOTAL REQUEST						17,465
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design barracks. Primary facility includes the Barracks, building information systems, fire/smoke detection and alarm system, and connection of the Energy Monitoring and Control Systems (EMCS) to the installation central system. Antiterrorism/force protection will be provided. Supporting facilities include electric service, water, sanitary sewer, storm drainage, exterior lighting, paving, walks, curbs, and gutters, parking, and site improvements. Heating will be provided by connection to district heating system. Access for individuals with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 524 kW/149 Tons).						
11. REQ:		2,800 PN ADQT:		2,556 PN SUBSTD:		NONE
PROJECT: Construct a standard design barracks at Grafenwoehr, Germany. (Current Mission)						
REQUIREMENT: This project is required to provide living conditions that meet current Army standards for Soldiers. The maximum barracks utilization is 154 Soldiers. Intended utilization is 106 Junior Enlisted and 24 Sergeants.						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Grafenwoehr, Germany (Germany Various)		
4. PROJECT TITLE Barracks	5. PROJECT NUMBER 67968	

CURRENT SITUATION: Soldiers are living in substandard and deteriorated facilities. There are no facilities on the installation that can be converted to barracks, nor are there any facilities located nearby that could satisfy the requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities which will adversely impact morale, retention and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$15.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at East Camp Grafenwoehr, Germany. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2008
- (b) Percent Complete As Of January 2010..... 35.00
- (c) Date 35% Designed..... JAN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Irwin

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Grafenwoehr, Germany (Germany Various)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 67968
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>788</u>
(b) All Other Design Costs.....	<u>631</u>
(c) Total Design Cost.....	<u>1,419</u>
(d) Contract.....	<u>788</u>
(e) In-house.....	<u>631</u>
(4) Construction Contract Award.....	<u>JAN 2011</u>
(5) Construction Start.....	<u>APR 2011</u>
(6) Construction Completion.....	<u>JUL 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NA		

Installation Engineer: Dwane Watsek
Phone Number: 011-49-964-183-1360

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Sembach Germany (Germany Various)			4. PROJECT TITLE Confinement Facility		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 730	7. PROJECT NUMBER 66465	8. PROJECT COST (\$000) Auth 9,100 Approp 9,100		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					6,546
Confinement Facility	m2 (SF)	1,867	(20,096)	3,046	(5,686)
Access Control Facility	m2 (SF)	26.01	(280)	4,391	(114)
Install Watch Reporting System	m2 (SF)	1,867	(20,096)	48.11	(90)
Water Pump Station	EA	1	--	26,830	(27)
Water Storage Tank	L (GA)	75,708	(20,000)	.77	(58)
Total from Continuation page					(571)
<u>SUPPORTING FACILITIES</u>					1,636
Electric Service	LS	--	--	--	(75)
Water, Sewer, Gas	LS	--	--	--	(378)
Steam And/Or Chilled Water Dist	LS	--	--	--	(228)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(234)
Storm Drainage	LS	--	--	--	(52)
Site Imp(519) Demo()	LS	--	--	--	(519)
Information Systems	LS	--	--	--	(133)
Antiterrorism Measures	LS	--	--	--	(17)
ESTIMATED CONTRACT COST					8,182
CONTINGENCY (5.00%)					409
SUBTOTAL					8,591
SUPV, INSP & OVERHEAD (6.50%)					558
TOTAL REQUEST					9,149
TOTAL REQUEST (ROUNDED)					9,100
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a joint confinement facility (40 Persons) to house and secure service members during pre-trial confinement, post-trial confinement, and for the duration of sentences. This facility consists of a security office, administration office, training rooms, dining facility, chapel, showers, storage area, reception area, visitor's area, supply room, mail room, separate quarters for female/male Soldiers and officer/enlisted Soldiers, arms room, key and lock area, counseling rooms, library, and health clinics. Project will also include an access control facility, a fire protection system, and a watch reporting system installation. Supporting facilities includes electrical, water, sewer, paving, walks, curbs and gutters, parking, storm drainage, and site improvements. Provide connection to energy monitoring and control systems (EMCS) and installation of intrusion detection systems (IDS). Antiterrorism/force protection will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Air Conditioning (Estimated 176 kW/50 Tons).					

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010																																													
3.INSTALLATION AND LOCATION Sembach, Germany (Germany Various)																																															
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<p><u>9. COST ESTIMATES (CONTINUED)</u></p> <table border="1"> <thead> <tr> <th data-bbox="224 510 727 562">Item</th> <th data-bbox="727 510 954 562">UM (M/E)</th> <th data-bbox="954 510 1239 562">QUANTITY</th> <th data-bbox="1239 510 1369 562">Unit COST</th> <th data-bbox="1369 510 1518 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="224 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="224 625 727 657">Standby Generator/Plant Bldg</td> <td data-bbox="727 625 954 657">kWe(KW)</td> <td data-bbox="954 625 1239 657">300 (300)</td> <td data-bbox="1239 625 1369 657">338.95</td> <td data-bbox="1369 625 1518 657">(102)</td> </tr> <tr> <td data-bbox="224 657 727 688">IDS Installation</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1369 688">--</td> <td data-bbox="1369 657 1518 688">(18)</td> </tr> <tr> <td data-bbox="224 688 727 720">EMCS Connection</td> <td data-bbox="727 688 954 720">LS</td> <td data-bbox="954 688 1239 720">--</td> <td data-bbox="1239 688 1369 720">--</td> <td data-bbox="1369 688 1518 720">(23)</td> </tr> <tr> <td data-bbox="224 720 727 751">SDD and EPAct05</td> <td data-bbox="727 720 954 751">LS</td> <td data-bbox="954 720 1239 751">--</td> <td data-bbox="1239 720 1369 751">--</td> <td data-bbox="1369 720 1518 751">(134)</td> </tr> <tr> <td data-bbox="224 751 727 783">Antiterrorism Measures</td> <td data-bbox="727 751 954 783">LS</td> <td data-bbox="954 751 1239 783">--</td> <td data-bbox="1239 751 1369 783">--</td> <td data-bbox="1369 751 1518 783">(168)</td> </tr> <tr> <td data-bbox="224 783 727 814">Building Information Systems</td> <td data-bbox="727 783 954 814">LS</td> <td data-bbox="954 783 1239 814">--</td> <td data-bbox="1239 783 1369 814">--</td> <td data-bbox="1369 783 1518 814">(126)</td> </tr> <tr> <td colspan="3"></td> <td data-bbox="1239 814 1369 846">Total</td> <td data-bbox="1369 814 1518 846">571</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Standby Generator/Plant Bldg	kWe(KW)	300 (300)	338.95	(102)	IDS Installation	LS	--	--	(18)	EMCS Connection	LS	--	--	(23)	SDD and EPAct05	LS	--	--	(134)	Antiterrorism Measures	LS	--	--	(168)	Building Information Systems	LS	--	--	(126)				Total	571
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			Total	571																																											
<p><u>11. REQ:</u> 1,867 m2 ADQT: NONE SUBSTD: NONE</p>																																															
<p><u>PROJECT:</u> Construct a joint confinement facility at Sembach Air Base, Germany. (Current Mission)</p>																																															
<p><u>REQUIREMENT:</u> This project is required to provide a confinement facility to support European Command (EUCOM) and Central Command (CENTCOM) requirements as a replacement for the existing US Army Confinement Facility, Europe (USACF-E), located at Coleman Barracks. The confinement mission is to provide military correctional services and facilities for the incarceration of members of the military who have been ordered into pretrial confinement or who have received sentences as a result of court-martial. United States Army Europe (USAREUR) operates the largest Level 1 confinement facility in EUCOM and historically, the Army bears the majority of operational burden to resource, man and maintain the current facility. Requirements include the confinement capability to support Commanders in Theater for incarcerating prisoners categorized as pre-trial, status-of-forces agreement (SOFA) holds and post trial. The facility will support joint operations for Army, Air Force and Navy.</p>																																															
<p><u>CURRENT SITUATION:</u> The current facility is located in a non-enduring community and is scheduled to close. The existing facility is deteriorated and cost prohibitive to maintain, repair, and operate. It creates an excessively vulnerable AT/FP target.</p>																																															
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to close the existing confinement facility at Coleman Barracks. The Army will continue to incur excessive costs to repair or maintain the existing deteriorated facility; will not be able to realize cost savings of completely closing Coleman Barracks; and will be operationally inefficient requiring Soldiers manning the facility to commute when they are relocated to Miesau (a 50 mile distance).</p>																																															
<p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project</p>																																															

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010																						
3. INSTALLATION AND LOCATION Sembach, Germany (Germany Various)																								
4. PROJECT TITLE Confinement Facility	5. PROJECT NUMBER 66465																							
<p><u>ADDITIONAL:</u> (CONTINUED)</p> <p>is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>																								
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>SEP 2008</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2010.....</td> <td><u>35.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>JAN 2010</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>OCT 2010</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td><u>439</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>351</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>790</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>439</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>351</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2011</u></p> <p>(5) Construction Start..... <u>MAR 2011</u></p> <p>(6) Construction Completion..... <u>MAR 2012</u></p>			(a) Date Design Started.....	<u>SEP 2008</u>	(b) Percent Complete As Of January 2010.....	<u>35.00</u>	(c) Date 35% Designed.....	<u>JAN 2010</u>	(d) Date Design Complete.....	<u>OCT 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	<u>439</u>	(b) All Other Design Costs.....	<u>351</u>	(c) Total Design Cost.....	<u>790</u>	(d) Contract.....	<u>439</u>	(e) In-house.....	<u>351</u>
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(e) In-house.....	<u>351</u>																							

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Sembach, Germany (Germany Various)

4.PROJECT TITLE Confinement Facility	5.PROJECT NUMBER 66465
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Willimore Mack
Phone Number: 011-49-631-411-1560

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Rhine Ordnance Barracks Germany (Kaiserslautern)			4. PROJECT TITLE Barracks Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 66595	8. PROJECT COST (\$000) Auth 35,000 Approp 35,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					25,599
Barracks		m2 (SF)	5,767 (62,080)	2,578	(14,867)
Dining Facility		m2 (SF)	2,462 (26,500)	3,853	(9,487)
EMCS Connection		LS	--	--	(14)
SDD and EPAct05		LS	--	--	(480)
Antiterrorism Measures		LS	--	--	(487)
Building Information Systems		LS	--	--	(264)
<u>SUPPORTING FACILITIES</u>					6,092
Electric Service		LS	--	--	(86)
Water, Sewer, Gas		LS	--	--	(940)
Steam And/Or Chilled Water Dist		LS	--	--	(23)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,272)
Storm Drainage		LS	--	--	(57)
Site Imp(3,467) Demo()		LS	--	--	(3,467)
Information Systems		LS	--	--	(148)
Antiterrorism Measures		LS	--	--	(99)
ESTIMATED CONTRACT COST					31,691
CONTINGENCY (5.00%)					<u>1,585</u>
SUBTOTAL					33,276
SUPV, INSP & OVERHEAD (6.50%)					<u>2,163</u>
TOTAL REQUEST					35,439
TOTAL REQUEST (ROUNDED)					35,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard-design Unaccompanied Enlisted Personnel Housing (UEPH) barracks building with 160 personnel (PN) capacity, including an equipment storage area, and a standard design Dining Facility (DFAC). Supporting facilities include electrical service, water and sewer connections, storm drainage, fire protection system, connection to energy monitoring and control systems (EMCS), access road, parking, walks, building information systems, information systems, and site improvements. Heating will be provided from a commercial supplier by connecting to an existing heating line. Required antiterrorism/force protection (AT/FP) measures will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided in public areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 777 kW/221 Tons).					
11. REQ: 1,497 PN ADQT: 811 PN SUBSTD: 2,071 PN PROJECT: Construct standard-design barracks and Dining Facility at Rhine Ordnance Barracks, Germany. (Current Mission)					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Rhine Ordnance Barracks, Germany (Kaiserslautern)		
4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 66595	
<p><u>REQUIREMENT:</u> This project is required to provide adequate barracks at Rhine Ordnance Barracks (ROB) that meet current Army standards for Soldiers. The maximum utilization is 160 PN. The intended utilization is 130 Junior Enlisted and 15 Sergeants. The DFAC is required to provide adequate messing facilities for Soldiers at ROB.</p> <p><u>CURRENT SITUATION:</u> Currently, the number of barracks spaces at the installation is insufficient to meet the end-state barracks requirement. There are no facilities on the installation that can be converted to barracks. The existing DFAC provides a seating capacity of 292 seats. Configuration of the seating arrangement in the undersized facility is very tight, and it is not feasible to modernize the facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Soldiers will continue living in substandard conditions. This situation lowers morale, and may impact reenlistment. The increasing authorized population will be unable to obtain adequate service in the undersized DFAC.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>During the past two years, \$405,115 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Rhine Ordnance Barracks, Kaiserslautern. Upon completion of this multi-phased project and other projects approved through FY 2011, the remaining unaccompanied enlisted permanent party deficit is 366 personnel at this installation.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2008</u></p> <p>(b) Percent Complete As Of January 2010..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2010</u></p> <p>(d) Date Design Complete..... <u>OCT 2010</u></p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Rhine Ordnance Barracks, Germany (Kaiserslautern)

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 66595
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs _____ YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Irwin

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 1,314
- (b) All Other Design Costs..... 1,314
- (c) Total Design Cost..... 2,628
- (d) Contract..... 1,314
- (e) In-house..... 1,314

(4) Construction Contract Award..... JAN 2011

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2013

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Willimore Mack
Phone Number: 011-49-631-411-1560

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Wiesbaden Air Base Germany (Wiesbaden)				4. PROJECT TITLE Information Processing Center		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 131	7. PROJECT NUMBER 60555		8. PROJECT COST (\$000) Auth 30,400 Approp 30,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						21,903
Emergency Operations Center		m2 (SF)	3,933 (42,334)		2,750	(10,817)
Information Processing Center		m2 (SF)	767.94 (8,266)		3,692	(2,835)
SCIF		m2 (SF)	229.93 (2,475)		4,154	(955)
Renovate Parking Area		m2 (SY)	7,860 (9,400)		542.49	(4,264)
Power Supply Bldg w/ Generators		m2 (SF)	327.02 (3,520)		2,780	(909)
Total from Continuation page						(2,123)
SUPPORTING FACILITIES						5,283
Electric Service		LS	--		--	(855)
Water, Sewer, Gas		LS	--		--	(252)
Steam And/Or Chilled Water Dist		LS	--		--	(135)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,816)
Storm Drainage		LS	--		--	(89)
Site Imp(991) Demo()		LS	--		--	(991)
Information Systems		LS	--		--	(59)
Antiterrorism Measures		LS	--		--	(86)
ESTIMATED CONTRACT COST						27,186
CONTINGENCY (5.00%)						<u>1,359</u>
SUBTOTAL						28,545
SUPV, INSP & OVERHEAD (6.50%)						<u>1,855</u>
TOTAL REQUEST						30,400
TOTAL REQUEST (ROUNDED)						30,400
INSTALLED EQT-OTHER APPROP						(20,364)
10. Description of Proposed Construction Construct a Theater Signal Command Facility in support of Army Modularity and the move of USAREUR/ 7th Army Headquarters to Wiesbaden. Required features of the facility include administrative facilities for various signal elements, a command section, a Theater Network Operations Service Center, a Secure Compartmented Information Facility (SCIF), equipment rooms for various information systems, power supply building, and emergency power generators and fuel tanks. Raised flooring shall be provided in the SCIF and in other areas of the facility where significant amounts of information processing equipment are to be located. Shielding shall be provided for the SCIF as required. Supporting facilities include mechanical systems, electrical power distribution, fire protection, information systems, installation of intrusion detection systems, paving, walks, curbs and gutters, water and sewer, storm drainage, parking, and site improvements. Access for persons with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Anti-terrorism/Force protection measures will be included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 563 kW/160 Tons).						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Information Processing Center	5. PROJECT NUMBER 60555
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(513)
EMCS Connections	LS	--	--	(120)
SDD and EPAct05	LS	--	--	(350)
Antiterrorism Measures	LS	--	--	(350)
Building Information Systems	LS	--	--	(790)
			Total	2,123

11. REQ: 3,933 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct an Information Processing Center at Wiesbaden Army Airfield (WAAF) Germany. (Current Mission)

REQUIREMENT: This project is required to construct a consolidated state-of-the-art facility to support the current and emerging missions for the Network Operations Facility Europe, which handles all Command, Control, Communications, Computers and Intelligence (C4I) Systems Operation and Management missions. The new signal command facility will meet the Army and Joint initiatives for Network Operations (NETOPS) while best serving US Army Europe (USAREUR).

CURRENT SITUATION: Currently, the functions are located in a four (4) story building where the different staff elements are so scattered that collaboration between them is difficult. The building has been modified to the maximum extent possible and still the architecture, particularly the 2nd floor where the NETOPS is located, makes it difficult to implement technological solutions to improve the collaborative atmosphere and enhance the NETOPS Common Operational Picture (COP) for the command. The building has reached the end of its expansion capabilities and will not be able to facilitate future growth and augmentation of personnel and equipment. The current facility has also become a major force protection concern because as a Mission Essential Vulnerable Area (MEVA), it is not at the required distance from the installation perimeter. Prolonged, heightened Force Protection Conditions (FPCON) may require this building to be vacated.

IMPACT IF NOT PROVIDED: The current facility, with the current trend of Information Technology (IT) advances, will become overburdened within a few years. To keep up with the cutting edge of technology this project is essential. This project would have a positive impact on the Soldier's/employee's productivity, morale and ability to meet and sustain the missions assigned to the Network Operations Facility Europe. The move to WAAF is required to provide support to the USAREUR and 7th Army move to Wiesbaden, and if this facility is not provided, the new headquarters will be forced to function with inadequate communications support.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Information Processing Center	5. PROJECT NUMBER 60555
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ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... APR 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 993
 - (b) All Other Design Costs..... 993
 - (c) Total Design Cost..... 1,986
 - (d) Contract..... 993
 - (e) In-house..... 993

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAY 2011

- (6) Construction Completion..... AUG 2012

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Information Processing Center	5. PROJECT NUMBER 60555
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
UPS Equipment	OPA	2011	1,500
Info Sys - ISC	OPA	2012	617
Info Sys - PROP	OPA	2012	18,247
TOTAL			20,364

Installation Engineer: Lawrence Ryan
Phone Number: 011-49-6221-4380-310

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Wiesbaden Air Base Germany (Wiesbaden)				4. PROJECT TITLE Construct New ACP		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68074		8. PROJECT COST (\$000) Auth 5,100 Approp 5,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,661
Access Control Point		EA	1 --		3509019	(3,509)
IDS Installation		LS	--		--	(18)
SDD and EPAct05		LS	--		--	(120)
Building Information Systems		LS	--		--	(14)
<u>SUPPORTING FACILITIES</u>						860
Electric Service		LS	--		--	(53)
Water, Sewer, Gas		LS	--		--	(122)
Storm Drainage		LS	--		--	(225)
Site Imp(378) Demo()		LS	--		--	(378)
Information Systems		LS	--		--	(82)
ESTIMATED CONTRACT COST						4,521
CONTINGENCY (5.00%)						226
SUBTOTAL						4,747
SUPV, INSP & OVERHEAD (6.50%)						309
TOTAL REQUEST						5,056
TOTAL REQUEST (ROUNDED)						5,100
INSTALLED EQT-OTHER APPROP						(1,752)
10. Description of Proposed Construction Construct an Access Control Point (ACP). Required site work components are a hardened corridor, fence and fence gates, visitor parking, entry lanes, one pedestrians' lane, stacking and lane for Truck Search Area, an area for a Truck Search System, rejection lanes and Final Denial Barriers. Structural components are Visitor Control Center, Gate House, Identity (ID) Check Area with canopy and guard booths, canopies for Privately Owned Vehicles (POV) and Truck Search Areas and the Over Watch. Project also includes lighting, barrier controls, installation of Intrusion Protection System, Fire Alarm System, and Duress Alarm. Supporting facilities include electrical service, communications, potable water, sewer connection, and site improvements. Access for individuals with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		1 EA	ADQT:		NONE	SUBSTD: 1 EA
PROJECT: Construct an Access Control Point at Wiesbaden Air Base, Germany. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Construct New ACP	5. PROJECT NUMBER 68074
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REQUIREMENT: An Access Control Point is required to replace existing substandard ACP. The move of 7th Army Headquarters and its support elements to Wiesbaden, along with transformation actions increase the need for adequate access control at Wiesbaden Air Base.

CURRENT SITUATION: Wiesbaden Army Airfield has presently two primary access gates (Truck Gate and South Gate), both being connected to the same access road via the same rotary west of the installation. At peak hours, traffic backs into this rotary and from there into the access road leading to the collapse of the entire inbound and outbound traffic. Standard components are missing at both ACPs and most existing components are only of temporary nature. The Truck Gate does not include an exit, and rejection is impossible.

IMPACT IF NOT PROVIDED: The current Access Control Points are inadequate and the projected population of the U. S. Army Garrison (USAG) Wiesbaden will increase by nearly 30%. If not provided, Wiesbaden will continue to be serviced by an inadequate and unsafe gate; personnel, family members and other employees will be at risk.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2009
- (b) Percent Complete As Of January 2010..... 15.00
- (c) Date 35% Designed..... JUN 2010
- (d) Date Design Complete..... OCT 2010
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Construct New ACP	5. PROJECT NUMBER 68074
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	204
(b) All Other Design Costs.....	480
(c) Total Design Cost.....	684
(d) Contract.....	480
(e) In-house.....	204
(4) Construction Contract Award.....	JAN 2011
(5) Construction Start.....	MAR 2011
(6) Construction Completion.....	MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Active Vehicle Barriers (AVB)	OPA	2011	754
AVB Control System	OPA	2011	147
Passive Vehicle Barrier (PVB)	OPA	2011	362
Guard Booth Crash Barrier	OPA	2011	18
Crash Beam Barrier	OPA	2011	76
Traffic Arms	OPA	2011	11
Electronic Security System	OPA	2011	118
Standby Generator w/switchgear	OPA	2011	84
CC Surveillance System	OPA	2011	147
Vehicle Detection System	OPA	2011	27
Info Sys - ISC	OPA	2014	8
		TOTAL	1,752

Installation Engineer: Lawrence Ryan
Phone Number: 011-49-6221-4380-310

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Wiesbaden Air Base Germany (Wiesbaden)				4. PROJECT TITLE Sensitive Compartmented Information Fac		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68866		8. PROJECT COST (\$000) Auth 91,000 Approp 91,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						66,855
SCIF		m2 (SF)	12,440 (133,900)		3,453	(42,959)
Nonorg Vehicle Parking Garage		m2 (SF)	17,559 (189,000)		624.31	(10,962)
Recreational Field Replacement		EA	1 --		740,000	(740)
Standby Generator		EA	1 --		217,624	(218)
IDS Installation		LS	--		--	(150)
Total from Continuation page						(11,826)
<u>SUPPORTING FACILITIES</u>						14,432
Electric Service		LS	--		--	(182)
Water, Sewer, Gas		LS	--		--	(272)
Steam And/Or Chilled Water Dist		LS	--		--	(10)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,344)
Storm Drainage		LS	--		--	(64)
Site Imp(3,869) Demo(509)		LS	--		--	(4,378)
Information Systems		LS	--		--	(545)
Antiterrorism Measures		LS	--		--	(7,637)
ESTIMATED CONTRACT COST						81,287
CONTINGENCY (5.00%)						<u>4,064</u>
SUBTOTAL						85,351
SUPV, INSP & OVERHEAD (6.50%)						<u>5,548</u>
TOTAL REQUEST						90,899
TOTAL REQUEST (ROUNDED)						91,000
INSTALLED EQT-OTHER APPROP						(1,582)
10. Description of Proposed Construction Construct a Sensitive Compartmented Information Facility (SCIF) for consolidated tactical, theater and national intelligence functions. Project will include multiple operations centers, operations/intelligence collaboration spaces, storage, personnel support functions, parking garage, relocation of recreational field within the footprint of the site, and a standby generator. Supporting facilities include water, sewer, electric, walkways, heat distribution lines, paving, storm drainage, parking, site improvements and information systems. This project will also provide installation of Intrusion Detection Systems (IDS) and connection with Energy Monitoring Control Systems (EMCS). Anti-terrorism measures will be included. Access for individuals with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 3 Buildings (TOTAL 6,711 m2/72,241 SF). Air Conditioning (Estimated 2,989 kW/850 Tons).						
11. REQ:		14,462 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a Sensitive Compartmented Information Facility at Wiesbaden Air Base, Germany. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE

Sensitive Compartmented Information Fac

5. PROJECT NUMBER

68866

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(180)
SDD and EPAct05	LS	--	--	(817)
Antiterrorism Measures	LS	--	--	(1,741)
Building Information Systems	LS	--	--	(9,088)
			Total	11,826

REQUIREMENT: This project is required to provide a SCIF for the Consolidated Intelligence Center (CIC) in support of the European Command (EUCOM), and U.S. Army Europe (USAREUR). This facility will be located near the proposed new 7th Army HQ at Wiesbaden Army Airfield. It will create operational efficiencies by combining intelligence units that are currently scattered in various locations, and by providing proximity of these functions to the future USAREUR and 7th Army HQ.

CURRENT SITUATION: Current functions are located principally in the Knowlton Facility, building 4373, at the Dagger Complex, Germany. A number of offices are also dispersed in smaller aged and inefficient facilities within the same complex. The existing facilities are inadequate for the type of collaborative, smaller planning and operational cells that are required.

IMPACT IF NOT PROVIDED: HQUSAREUR will not have a Consolidated Intelligence Center required to support 7th Army; USAREUR. USAREUR will not have adequate reachback capability to support its Operational Command posts.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Sensitive Compartmented Information Fac	5. PROJECT NUMBER 68866
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JAN 2008
 - (b) Percent Complete As Of January 2010..... 35.00
 - (c) Date 35% Designed..... JAN 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 3,332
 - (b) All Other Design Costs..... 2,499
 - (c) Total Design Cost..... 5,831
 - (d) Contract..... 3,332
 - (e) In-house..... 2,499

- (4) Construction Contract Award..... JAN 2011

- (5) Construction Start..... MAR 2011

- (6) Construction Completion..... MAR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION
Wiesbaden Air Base, Germany (Wiesbaden)

4.PROJECT TITLE Sensitive Compartmented Information Fac	5.PROJECT NUMBER 68866
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
UPS	OPA	2012	760
Info Sys - ISC	OPA	2012	822
		TOTAL	<u>1,582</u>

Installation Engineer: Lawrence Ryan
Phone Number: 011-49-6221-4380-310

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Wiesbaden Air Base Germany (Wiesbaden)			4.PROJECT TITLE Command and Battle Center, Incr 2		
5.PROGRAM ELEMENT 22096A	6.CATEGORY CODE 141	7.PROJECT NUMBER 69719	8.PROJECT COST (\$000) Auth Approp 59,500		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNITCOST	COST (\$000)	
<u>PRIMARY FACILITY</u>				103,739	
Emergency Operations Center	m2 (SF)	27,130 (292,025)	2,594	(70,378)	
SCIF	m2 (SF)	1,254 (13,500)	3,313	(4,155)	
Nonorg Vehicle Parking Garage	m2 (SF)	31,199 (335,826)	265.29	(8,277)	
Standby Generator	kWe(KW)	6,000 (6,000)	329.28	(1,976)	
IDS Installation	LS	--	--	(15)	
Total from Continuation page				(18,938)	
<u>SUPPORTING FACILITIES</u>				3,086	
Electric Service	LS	--	--	(217)	
Water, Sewer, Gas	LS	--	--	(350)	
Steam And/Or Chilled Water Dist	LS	--	--	(15)	
Paving, Walks, Curbs & Gutters	LS	--	--	(455)	
Storm Drainage	LS	--	--	(75)	
Site Imp(797) Demo(327)	LS	--	--	(1,124)	
Information Systems	LS	--	--	(715)	
Antiterrorism Measures	LS	--	--	(135)	
ESTIMATED CONTRACT COST				106,825	
CONTINGENCY (5.00%)				<u>5,341</u>	
SUBTOTAL				112,166	
SUPV, INSP & OVERHEAD (6.50%)				<u>7,291</u>	
TOTAL REQUEST				119,457	
TOTAL REQUEST (ROUNDED)				119,000	
INSTALLED EQT-OTHER APPROP				(2,812)	
10.Description of Proposed Construction This is an incrementally funded project. Congress authorized the full amount of \$119.0M and appropriated \$59.5M for PN63800 in FY09. The second funding increment of \$59.5M is requested in FY11 (PN69719). Construct 7th Army (7A) Theater C2 Complex, including a Consolidated Operations Intelligence Center (COIC) at Wiesbaden Army Airfield (WAAF). Project will include a reachback operations center, command group center, sensitive compartmented information facility (SCIF), administration and control, conference rooms, storage, personnel support functions, POV parking and a standby generator. Supporting facilities include water, sanitary and storm sewer, electric, gas, walkways, heat distribution lines, paving, storm drainage, anti-terrorism measures, site improvements and information systems. Anti-terrorism measures include resistance to progressive collapse, blast resistant exterior doors and windows, exterior video and security lighting system, protective landscaping, and barrier protection. Access for individuals with disabilities will be provided in public areas. The main electrical supply for the COIC will be rated to support the full electrical demand which consists of the main mechanical plant, small power circuits and provision for general and emergency lighting all of which will have a connection to the Energy Monitoring Control Systems (EMCS). This project will provide installation of an Intrusion Detection Systems (IDS). The Combat Operations					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Command and Battle Center, Incr 2	5. PROJECT NUMBER 69719
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(15)
SDD and EPAct05	LS	--	--	(1,413)
Antiterrorism Measures	LS	--	--	(3,984)
Building Information Systems	LS	--	--	(13,526)
			Total	18,938

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Intelligence Center (COIC) contains a 130 seat operations floor with a separate war room and conference rooms above. The project includes VTC conference rooms. The War room must meet Tempest criteria plus screening from EMI and RFI, for accreditation. The COIC has a VTC Bridging Room. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Demolish 1 Building (TOTAL 686 m2/7,381 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).

11. REQ: 28,384 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct 7A Theater C2 Complex at Wiesbaden Air Base, Germany. (Current Mission)

REQUIREMENT: This project is required to provide an operations and communications facility in support of the 7A C2 mission. 7A requires this facility to command and control joint land battlespace operations throughout the area of responsibility. It enables 7A, as a consolidated hub, to be capable of managing two simultaneous operations, providing reach-back support to supported Operational Command Posts, and conducting centralized battlefield planning.

CURRENT SITUATION: The current HQUSAREUR compound at Campbell Barracks, Germany is housed in over a dozen former barracks buildings originally constructed before WWII. Staff planners and operations centers for HQUSAREUR's supporting enablers are spread over several installations. The existing facilities for HQUSAREUR are inadequate for the type of collaborative, smaller, planning and operational cells that characterize the Army Headquarters structure. Additionally, the Main Command Post (MCP) provides significant reachback support for Operational Command Posts as they fight battles on the ground. The existing facility and communications infrastructure of HQUSAREUR's Cold War - era headquarters are ill-suited to provide this type of network-centric planning and operational control.

IMPACT IF NOT PROVIDED: HQUSAREUR will not have an operation and communications facility required to support its transformation to an expeditionary Army Headquarters. USAREUR's ability to provide command and control of joint land battlespace operations, manage two simultaneous

1.COMONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		27 JAN 2010

3.INSTALLATION AND LOCATION
Wiesbaden Air Base, Germany (Wiesbaden)

4.PROJECT TITLE	5.PROJECT NUMBER
Command and Battle Center, Incr 2	69719

IMPACT IF NOT PROVIDED: (CONTINUED)
operations, support reachback capability to Operational Command Posts and conduct centralized battlefield planning will be degraded.
ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2009(\$000)	Requested FY2011(\$000)
Authorization	\$119,000	\$0
Authorization of Appropriation	\$59,500	\$59,500
Appropriation	\$59,500	\$59,500

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2007
- (b) Percent Complete As Of January 2010..... 100.00
- (c) Date 35% Designed..... MAR 2008
- (d) Date Design Complete..... SEP 2008
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: NO

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Wiesbaden Air Base, Germany (Wiesbaden)

4. PROJECT TITLE Command and Battle Center, Incr 2	5. PROJECT NUMBER 69719
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	2,228
(b) All Other Design Costs.....	2,095
(c) Total Design Cost.....	4,323
(d) Contract.....	2,228
(e) In-house.....	2,095
(4) Construction Contract Award.....	SEP 2009
(5) Construction Start.....	NOV 2009
(6) Construction Completion.....	DEC 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
UPS	OPA	2012	1,735
Info Sys - ISC	OPA	2011	1,077
		TOTAL	2,812

Installation Engineer: Lawrence Ryan
Phone Number: 011-49-6221-4380-310

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Honduras	Soto Cano Air Base (USARSO)				
61383	Barracks	20,400	20,400	C	665
	Subtotal Soto Cano Air Base Part I	\$ 20,400	20,400		
	* TOTAL MCA FOR Honduras	\$ 20,400	20,400		

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1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Soto Cano Air Base Honduras				4.PROJECT TITLE Barracks		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 61383		8.PROJECT COST (\$000) Auth 20,400 Approp 20,400	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						16,658
Barracks		m2 (SF)	7,345 (79,056)		2,148	(15,779)
EMCS Connection		LS	--		--	(90)
SDD and EPAct05		LS	--		--	(268)
Antiterrorism Measures		LS	--		--	(268)
Building Information Systems		LS	--		--	(253)
<u>SUPPORTING FACILITIES</u>						1,585
Electric Service		LS	--		--	(317)
Water, Sewer, Gas		LS	--		--	(356)
Paving, Walks, Curbs & Gutters		LS	--		--	(137)
Storm Drainage		LS	--		--	(77)
Site Imp(639) Demo()		LS	--		--	(639)
Information Systems		LS	--		--	(29)
Antiterrorism Measures		LS	--		--	(30)
ESTIMATED CONTRACT COST						18,243
CONTINGENCY (5.00%)						912
SUBTOTAL						19,155
SUPV, INSP & OVERHEAD (6.50%)						1,245
TOTAL REQUEST						20,400
TOTAL REQUEST (ROUNDED)						20,400
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct three multi-story enlisted barracks. A fire suppression system and building information system will be installed. Connection to Energy Management Control System (EMCS)and Anti-terrorism/Force Protection measures will be provided. Supporting facilities include paving, parking area, access road, potable water, information systems, sanitary and storm sewers; sprinkler system; transformer station; lighting; electrical system, site improvements including security fencing. Comprehensive building and furnishings related interior design services are required. Facilities will withstand 138 mph wind loads and zone 2B seismic forces. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air Conditioning (Estimated 826 kW/235 Tons).						
11. REQ: 504 PN ADQT: NONE SUBSTD: 504 PN						
PROJECT: Construct Enlisted Barracks for 288 people at Soto Como, Honduras. (Current Mission)						
REQUIREMENT: This project is needed to provide adequate barracks for enlisted personnel stationed in Joint Task Force-Bravo. Located in the Alpha and Bravo areas, the barracks will replace temporary facilities that currently occupy the proposed project site. the maximum utilization is 216 Soldiers. Intended utilization is 150 Junior Enlisted and 33 Sergeants.						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Soto Cano Air Base, Honduras

4. PROJECT TITLE	5. PROJECT NUMBER
Barracks	61383

CURRENT SITUATION: The existing Temporary Duty (TDY) and Permanent Change of Station (PCS) personnel live in temporary facilities. These living quarters are below standard and in most cases lack indoor plumbing. The facilities are not energy efficient, present a fire hazard, and require constant maintenance. The only bathrooms and showers are centralized latrine facilities.

IMPACT IF NOT PROVIDED: Soldiers will continue to live in inadequate and substandard facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... SEP 2008
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... APR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 763
 - (b) All Other Design Costs..... 610
 - (c) Total Design Cost..... 1,373
 - (d) Contract..... 763
 - (e) In-house..... 610
 - (4) Construction Contract Award..... JAN 2011

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Soto Cano Air Base, Honduras

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 61383
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2011

(6) Construction Completion..... MAR 2012

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Edgar M. Cunanan, MAJ USAF
Phone Number: DSN 449-5034

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST			
Italy	Italy Various (IMCOM)					671
	Vicenza					
70826	Bde Complex - Operations Spt Fac, Incr 4	0	25,000		C	673
70829	Bde Complex - Barracks/Community, Incr 4	0	26,000		C	678
	Subtotal Italy Various Part I	\$ 0	51,000			
	* TOTAL MCA FOR Italy	\$ 0	51,000			

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Italy Various Italy			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.14	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	471	2299	1230	0	0	0	6,135
B. END FY 2015	711	3610	1534	0	0	0	7,698
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	1,292 ha		(3,193 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	2,409,110						
C. AUTHORIZATION NOT YET IN INVENTORY.....	452,936						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	0						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	29,000						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	303,629						
H. GRAND TOTAL.....	3,194,675						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
141	70826	Bde Complex - Operations Spt Fac, Incr 4		25,000	05/2006	11/2008	
721	70829	Bde Complex - Barracks/Community, Incr 4		26,000	09/2006	11/2008	
TOTAL				51,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
171	Battle Command Training Center			29,000			
TOTAL				29,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Installations support US Army, Europe and Seventh Army (USAREUR), specifically the Southern European Task Force (SETAF) and 173rd Infantry (ABN) Brigade, a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as bases for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting SETAF and the 173rd IN (ABN) BDE. These units provide flexible, scalable joint task force components for use in expeditionary operations as well as mission, installation support, and quality of life organizations required to maintain a trained and ready force overseas.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Italy Various, Italy

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Vicenza Italy (Italy Various)			4.PROJECT TITLE Bde Complex - Operations Spt Fac, Incr 4			
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 70826		8.PROJECT COST (\$000) Auth Approp 25,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						58,827
Battalion Headquarters		m2 (SF)	3,018 (32,488)		2,034	(6,140)
Company Operations Facilities		m2 (SF)	7,936 (85,427)		1,806	(14,330)
Equipment Storage		m2 (SF)	874.03 (9,408)		956.05	(836)
Organizational Classroom		m2 (SF)	851.92 (9,170)		2,094	(1,784)
Vehicle Maintenance Shop		m2 (SF)	5,690 (61,243)		2,019	(11,489)
Total from Continuation page						(24,248)
<u>SUPPORTING FACILITIES</u>						5,728
Electric Service		LS	--		--	(625)
Water, Sewer, Gas		LS	--		--	(255)
Steam And/Or Chilled Water Dist		LS	--		--	(524)
Paving, Walks, Curbs & Gutters		LS	--		--	(528)
Storm Drainage		LS	--		--	(498)
Site Imp(857) Demo()		LS	--		--	(857)
Information Systems		LS	--		--	(202)
Antiterrorism Measures		LS	--		--	(321)
Connection Road to City		LS	--		--	(1,918)
ESTIMATED CONTRACT COST						64,555
CONTINGENCY (5.00%)						3,228
SUBTOTAL						67,783
SUPV, INSP & OVERHEAD (6.50%)						4,406
DESIGN/BUILD - DESIGN COST						2,711
TOTAL REQUEST						74,900
TOTAL REQUEST (ROUNDED)						74,900
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction This is an incrementally funded project. Congress authorized the full amount of \$74.9M and appropriated \$11.4M for PN 63227 in FY 2008. The second funding increment of \$15M was appropriated in FY 2009 (PN70824). The third funding increment of \$23.5M was appropriated in FY 2010 (PN70825). The fourth funding increment of \$25M is requested in FY11 (PN70826). Construct part of a standard design Brigade Combat Team (BCT) complex and supporting facilities. Primary facilities include Battalion Headquarters with Emergency Operations Center (EOC) and Network Operations Center (NOC), Company Operations Facility, Equipment Storage, Classrooms, Vehicle Maintenance Facilities, Oil Storage, Unit Storage, Org Vehicle Parking, Vehicle Aprons, Base Maintenance Shop, Recreation Center, Softball Fields, Installation Storage Facility, Indoor Range, Simulator Building, Multi-purpose Training Aids Devices Simulator (TADS) Building, Air Transportation Mockups, Parachute Landing Fall Pits, Photo Lab, Recycling Center, HAZMAT Storage Building and a Vehicle Scale. Additional work includes special foundation and special construction (radon mitigation, lightning protection and acoustical sound attenuation). Install Intrusion Detection Systems (IDS) and connections for Energy Monitoring and Control Systems (EMCS) and Building Information Systems. Fire/Smoke detection/enunciation/suppression						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		27 JAN 2010

3. INSTALLATION AND LOCATION
Vicenza, Italy (Italy Various)

4. PROJECT TITLE	5. PROJECT NUMBER
Bde Complex - Operations Spt Fac, Incr 4	70826

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Recreation Center	m2 (SF)	1,298 (13,970)	2,618	(3,397)
Oil Storage Building	m2 (SF)	117.06 (1,260)	1,159	(136)
Unit Storage	m2 (SF)	2,009 (21,630)	948.62	(1,906)
Organizational Vehicle Parking	m2 (SY)	37,637 (45,013)	105.25	(3,961)
Vehicle Maint. Fac Apron	m2 (SY)	11,911 (14,246)	105.25	(1,254)
Base Maintenance Shop	m2 (SF)	380.90 (4,100)	1,624	(619)
Storage Building, Gen Purpose	m2 (SF)	1,301 (14,000)	948.63	(1,234)
Softball Field	EA	2 --	238,700	(477)
Indoor Firing Range	m2 (SF)	1,394 (15,000)	2,507	(3,494)
Simulator Building	m2 (SF)	188.59 (2,030)	2,572	(485)
Multi-Purpose TADS Building	m2 (SF)	193.98 (2,088)	2,571	(499)
Air Transport Mockup	EA	3 --	95,714	(287)
Parachute Landing Fall Pits	EA	3 --	95,714	(287)
Photo Lab	m2 (SF)	74.32 (800)	2,062	(153)
Hazardous Material Storage	m2 (SF)	371.61 (4,000)	1,566	(582)
Recycling Facility	kg (TON)	18143700 (20,000)	. 6	(1,097)
Vehicle Scales	EA	1 --	15,612	(16)
Special Construction	LS	--	--	(1,397)
IDS Installation	LS	--	--	(84)
EMCS Connections	LS	--	--	(219)
Antiterrorism Measures	LS	--	--	(1,821)
Building Information Systems	LS	--	--	(843)
			Total	24,248

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

systems will be provided. Support facilities include site improvements and landscaping, connecting road to city road, storm drainage, connections to necessary utility services (electrical, water, sewer, gas, heat and cooling), paving, walks, curbs and gutters, gravel road along outside of perimeter fence, anti-terrorism (AT) measures, and information systems. AT measures include resistance to progressive collapse, blast resistant exterior doors and windows, security lighting systems, protective landscaping and barrier protection, fencing, access control point, and video surveillance system. Access for individuals with disabilities will be provided. Comprehensive interior design services are required. Air Conditioning (Estimated 1,319 kW/375 Tons).

11. REQ:	29,558 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct part of a Brigade Combat Team (BCT) complex and supporting facilities at Vicenza, Italy. (Current Mission)					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Vicenza, Italy (Italy Various)

4. PROJECT TITLE Bde Complex - Operations Spt Fac, Incr 4	5. PROJECT NUMBER 70826
--	--------------------------------

REQUIREMENT: This project is required to provide adequate permanent facilities in support of the transformation of the US Army at Vicenza and Aviano, Italy, which will enhance the power projection capability in accordance with the United States Military, North Atlantic Treaty Organization (NATO) and Host Nation military strategies.

CURRENT SITUATION: There are no existing permanent adequate facilities at Vicenza or Aviano to satisfy this requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Vicenza Military Community will not be able to provide adequate permanent facilities for the transformation of the US Army at Vicenza, Italy. Soldiers will be required to work and train in substandard and deteriorated facilities, which will adversely affect the morale and retention of highly motivated and highly trained Soldiers.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	FY2008(\$000)	FY2009(\$000)	FY2010(\$000)	Requested FY2011(\$000)
Authorization	\$74,900	\$0	\$0	\$0
Authorization of Appropriation	\$11,400	\$15,000	\$23,500	\$25,000
Appropriation	\$11,400	\$15,000	\$23,500	\$25,000

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Vicenza, Italy (Italy Various)

4.PROJECT TITLE Bde Complex - Operations Spt Fac, Incr 4	5.PROJECT NUMBER 70826
---	-------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAY 2006
 - (b) Percent Complete As Of January 2010..... 100.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... NOV 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Grafenwoehr Tng Area GE31P

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 3,132
 - (b) All Other Design Costs..... 783
 - (c) Total Design Cost..... 3,915
 - (d) Contract..... 3,328
 - (e) In-house..... 587

- (4) Construction Contract Award..... JAN 2008

- (5) Construction Start..... APR 2008

- (6) Construction Completion..... SEP 2012

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Vicenza, Italy (Italy Various)

4.PROJECT TITLE Bde Complex - Operations Spt Fac, Incr 4	5.PROJECT NUMBER 70826
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Kambiz Razzaghi
Phone Number: 011-39-444-471-7313

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Vicenza Italy (Italy Various)			4. PROJECT TITLE Bde Complex - Barracks/Community, Incr 4		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 70829	8. PROJECT COST (\$000) Auth Approp 26,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					71,076
Barracks		m2 (SF)	21,916 (235,904)	1,798	(39,396)
Drug/Alcohol Abuse Counseling		m2 (SF)	176.52 (1,900)	2,209	(390)
Library		m2 (SF)	408.77 (4,400)	2,933	(1,199)
Post Office		m2 (SF)	320.52 (3,450)	1,427	(457)
Army Education Center		m2 (SF)	343.74 (3,700)	3,358	(1,154)
Total from Continuation page					(28,480)
<u>SUPPORTING FACILITIES</u>					2,658
Electric Service		LS	--	--	(236)
Water, Sewer, Gas		LS	--	--	(102)
Steam And/Or Chilled Water Dist		LS	--	--	(320)
Paving, Walks, Curbs & Gutters		LS	--	--	(448)
Storm Drainage		LS	--	--	(254)
Site Imp(913) Demo()		LS	--	--	(913)
Information Systems		LS	--	--	(258)
Antiterrorism Measures		LS	--	--	(127)
ESTIMATED CONTRACT COST					73,734
CONTINGENCY (5.00%)					<u>3,687</u>
SUBTOTAL					77,421
SUPV, INSP & OVERHEAD (6.50%)					5,032
DESIGN/BUILD - DESIGN COST					<u>3,097</u>
TOTAL REQUEST					85,550
TOTAL REQUEST (ROUNDED)					86,000
INSTALLED EQT-OTHER APPROP					(1,445)
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$86M was requested in FY 2008 (PN63229) with the first funding increment of \$22.5M. The second funding increment of \$15M was appropriated in FY 2009 (PN70827). The third funding increment of \$22.5M was appropriated in FY 2010 (PN70828). The fourth funding increment of \$26M is requested in FY 2011 (PN70829). Construct part of a standard design Brigade Combat Team (BCT) Complex and communication facilities. Primary facilities include barracks, vehicle (POV) parking garage, drug/alcohol abuse counseling center, library, post office, Army Education Center, laundry/dry cleaning pick-up-point and religious multi-purpose facility. Additional work includes special foundations and special construction (radon mitigation, lightning protection and acoustical sound attenuation). Install Intrusion Detection System (IDS) and connections for Energy Monitoring and Control System (EMCS) and Building Information System. Fire/Smoke detection/enunciation/suppression systems will be provided. Support facilities include site improvements, landscaping, storm drainage, connection to necessary utility services (electrical, water, sewer, gas, heat and cooling), paving, walks, curbs and gutters and information systems. Anti-terrorism (AT) measures include resistance to progressive collapse, blast resistant exterior doors and					

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Vicenza, Italy (Italy Various)

4. PROJECT TITLE Bde Complex - Barracks/Community, Incr 4	5. PROJECT NUMBER 70829
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Laundry/Dry Cleaning Pick Up	m2 (SF)	78.97 (850)	2,725	(215)
Religious Multi-Purp. Facility	m2 (SF)	1,115 (12,000)	2,298	(2,562)
POV Parking Garage	m2 (SF)	22,164 (238,572)	710.42	(15,746)
Special Foundations	LS	--	--	(5,666)
Special Construction	LS	--	--	(1,040)
IDS Installation	LS	--	--	(62)
EMCS Connections	LS	--	--	(217)
Antiterrorism Measures	LS	--	--	(1,930)
Building Information Systems	LS	--	--	(1,042)
			Total	28,480

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

windows, security lighting systems, protective landscaping and barrier protection, fencing, access control point and installation of mass notification system and video surveillance system. Access for individuals with disabilities will be provided in public areas. Comprehensive interior design services are required. Air Conditioning (Estimated 1,319 kW/375 Tons).

11. REQ: 2,109 PN ADQT: 2,614 PN SUBSTD: NONE

PROJECT: Construct part of a standard design Brigade Combat Team Complex and Community Support facilities at Vicenza, Italy. (Current Mission)

REQUIREMENT: This project is required to support the transformation of the US Army at Vicenza, Italy. This stationing initiative is required to enhance the power projection capability in accordance with the United States National Military, North Atlantic Treaty Organization (NATO), and Host Nation Military Strategies. The maximum barracks utilization is 608 soldiers. The intended utilization is 426 Junior Enlisted, and 91 Sergeants.

CURRENT SITUATION: There are no existing adequate permanent facilities at this installation to satisfy this requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Vicenza Military Community will not be able to provide adequate permanent facilities to support the transformation of the US Army at Vicenza. Soldiers will be required to live and work in substandard and deteriorated facilities, which will adversely effect morale and retention.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Vicenza, Italy (Italy Various)

4. PROJECT TITLE Bde Complex - Barracks/Community, Incr 4	5. PROJECT NUMBER 70829
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ADDITIONAL: (CONTINUED)

has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

During the past two years, \$3.26M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Vicenza installations. Upon completion of this multi-phased project and other projects approved through FY 2008, the remaining unaccompanied enlisted permanent party deficit is 708 personnel at this installation.

	FY2008(\$000)	FY2009(\$000)	FY2010(\$000)	Requested FY2011(\$000)
Authorization	\$86,000	\$0	\$0	\$0
Authorization of Appropriation	\$22,500	\$15,000	\$22,500	\$26,000
Appropriation	\$22,500	\$15,000	\$22,500	\$26,000

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... SEP 2006
- (b) Percent Complete As Of January 2010..... 100.00
- (c) Date 35% Designed..... MAY 2008
- (d) Date Design Complete..... NOV 2008
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Grafenwoehr Tng Area GE31P

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION
Vicenza, Italy (Italy Various)

4. PROJECT TITLE Bde Complex - Barracks/Community, Incr 4	5. PROJECT NUMBER 70829
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>3,915</u>
(b) All Other Design Costs.....	<u> </u>
(c) Total Design Cost.....	<u>3,915</u>
(d) Contract.....	<u>3,328</u>
(e) In-house.....	<u>587</u>
(4) Construction Contract Award.....	<u>JAN 2008</u>
(5) Construction Start.....	<u>APR 2008</u>
(6) Construction Completion.....	<u>AUG 2012</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS Equipment	OPA	2012	48
Info Sys - ISC	OPA	2012	110
Info Sys - PROP	OPA	2012	1,287
		TOTAL	<u>1,445</u>

Installation Engineer: Kambiz Razzaghi
Phone Number: 011-39-444-471-7313

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Korea	Korea Various (IMCOM)				685
	Camp Walker				
61551	Electrical Sys Upgrade & Natural Gas Sys	19,500	19,500	C	687
	Subtotal Korea Various Part I	\$ 19,500	19,500		
	* TOTAL MCA FOR Korea	\$ 19,500	19,500		
** TOTAL OUTSIDE THE UNITED STATES FOR MCA		\$ 419,300	529,800		

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Korea Various Korea			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.02	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	3013	15337	9878	0	125	0	978 5273 10118 44,722
B. END FY 2015	2733	12672	9689	0	100	0	958 5288 7287 38,727
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....			8,077 ha	(19,958 AC)			
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							10,345,326
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,045,298
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							19,500
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....							21,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							3,026,920
H. GRAND TOTAL.....							14,458,044
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
812	61551	Electrical Sys Upgrade & Natural Gas Sys		19,500	09/2009	10/2010	
TOTAL				19,500			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
141	Sky Warrior UAS Company			21,000			
TOTAL				21,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Eighth United States Army (EUSA) exercises command and control of all assigned units. Organizes, equips, trains, and employs forces to ensure optimum readiness for combat operations. Maintains a posture of combat readiness to deter any attack upon the Republic of Korea (ROK) and if deterrence fails, conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 27 JAN 2010
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INSTALLATION AND LOCATION: Korea Various, Korea

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Camp Walker Korea (Korea Various)				4.PROJECT TITLE Electrical Sys Upgrade & Natural Gas Sys		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 812	7.PROJECT NUMBER 61551		8.PROJECT COST (\$000) Auth 19,500 Approp 19,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						17,190
Relocate and Upgrade Substation		LS	--		--	(4,654)
Primary Distribution Lines		LS	--		--	(5,625)
Transformers		LS	--		--	(2,766)
Natural Gas Distribution		LS	--		--	(2,819)
Replace Heating Equipment		LS	--		--	(754)
UMCS Connections		LS	--		--	(572)
SUPPORTING FACILITIES						440
Paving, Walks, Curbs & Gutters		LS	--		--	(128)
Site Imp(312) Demo()		LS	--		--	(312)
ESTIMATED CONTRACT COST						17,630
CONTINGENCY (5.00%)						882
SUBTOTAL						18,512
SUPV, INSP & OVERHEAD (6.50%)						1,203
TOTAL REQUEST						19,715
TOTAL REQUEST (ROUNDED)						19,500
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Upgrade the electrical substation and distribution system including underground electrical distribution lines, ducts, manholes, pad-mounted transformers, capacitors (to maintain the power factor, over-current, thermal, and ground fault protection), voltage regulators, line switches, switchgears, pad mounted junction boxes, and provide connection to Utility Monitoring and Control System (UMCS). The upgrade will convert the overhead distribution lines to an underground distribution system. Natural gas construction includes all gas distribution lines, regulators, leak detectors, automatic meters, gas equipment facilities, connection fees, replacement/modification of existing fuel oil burners/heaters, connection to boilers/heaters, and removal of existing heating fuel oil lines and tanks. Supporting facilities include restoration of paving, walks, curbs and gutters; removal of paving, walks, curbs, gutters, poles, wiring, and transformers and associated hardware.						
11. REQ:		NA	ADQT:		NA	SUBSTD: NA
PROJECT: Upgrade the electrical system and construct natural gas system at Camp Walker, Korea. (Current Mission)						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
3. INSTALLATION AND LOCATION Camp Walker, Korea (Korea Various)		
4. PROJECT TITLE Electrical Sys Upgrade & Natural Gas Sys	5. PROJECT NUMBER 61551	
<p><u>REQUIREMENT:</u> This project is required to provide adequate electrical capacity and distribution system and construct a new natural gas system for continued support to existing and planned future facilities. This project facilitates integration to the Korean System.</p> <p><u>CURRENT SITUATION:</u> The distribution equipment, line conductors, and hardware are old and deteriorated, currently outages occur 3 times a year with durations of 4 to 8 hours. The existing distribution voltage does not match the Korean standard voltage normally supplied by the Korea Electric Power Company (KEPCO). This complicates and delays maintenance and repair due to the difficulty in obtaining non-standard system components, which also increases repair costs. The current system will not be adequate to support the further planned facilities at Camp Walker. The current fuel oil systems in many facilities are deteriorated and beyond repair. Leaking fuel oil tanks impact the environment for Camp Walker residents.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, maintenance and repair of the electrical substation with distribution system will continue to be complicated, dangerous and time consuming by having to use non-standard system components. Maintenance and repair costs will continue to increase on these electrical distribution fuel oil system components that have surpassed their useful life. Future facilities planned for construction will overload the current system. The current system is old and deteriorated with numerous lines at their load limits. Maintaining a dependable electrical service will continue to become more difficult. This situation will persist and adversely affect unit readiness, quality of life and safety for Soldiers and their Families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders. This project is located on an installation which will be retained by Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed but sufficient funds from the Host Nation programs are not available to support this requirement.</p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 27 JAN 2010
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3. INSTALLATION AND LOCATION

Camp Walker, Korea (Korea Various)

4. PROJECT TITLE Electrical Sys Upgrade & Natural Gas Sys	5. PROJECT NUMBER 61551
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2009
 - (b) Percent Complete As Of January 2010..... 15.00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... OCT 2010
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

 - (2) Basis:
 - (a) Standard or Definitive Design: NO

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,147
 - (b) All Other Design Costs..... 765
 - (c) Total Design Cost..... 1,912
 - (d) Contract..... 1,147
 - (e) In-house..... 765

 - (4) Construction Contract Award..... FEB 2011

 - (5) Construction Start..... APR 2011

 - (6) Construction Completion..... APR 2013

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Camp Walker, Korea (Korea Various)

4.PROJECT TITLE Electrical Sys Upgrade & Natural Gas Sys	5.PROJECT NUMBER 61551
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: JAMES C. HAMILTON III
Phone Number: 768-8467

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	PAGE
----- PROJECT	-----	REQUEST	REQUEST	-----
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES)			
	Planning and Design Host Nation			
62155	Host Nation Support FY 11	0	28,000	693
62153	Planning and Design FY11	0	221,636	695
		-----	-----	
	Subtotal Planning and Design Part I	\$ 0	249,636	
	Minor Construction (MINOR)			
62167	Minor Construction FY 11	0	23,000	697
		-----	-----	
	Subtotal Minor Construction Part I	\$ 0	23,000	
	* TOTAL MCA FOR Worldwide Various	\$ 0	272,636	
	** TOTAL WORLDWIDE FOR MCA	\$ 0	272,636	
	MILITARY CONSTRUCTION (Part I) TOTAL	\$ 3,665,662	4,078,798	

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1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 27 JAN 2010	
3.INSTALLATION AND LOCATION Planning and Design Host Nation Worldwide Various (Planning and Design)				4.PROJECT TITLE Host Nation Support FY 11		
5.PROGRAM ELEMENT 91211A		6.CATEGORY CODE 000	7.PROJECT NUMBER 62155		8.PROJECT COST (\$000) Auth Approp 28,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning & Design - Host Nation		LS	--		--	28,000 (28,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						28,000
CONTINGENCY (.00 %)						0
SUBTOTAL						28,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						28,000
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction This item provides for criteria development, and design and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user.						
11. REQ: NA ADQT: NA SUBSTD: NA						
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operation and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee projects in Europe and NATO funds recoupment. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. The three parts of the Host Nation Support effort are: Criteria Package Preparation (defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs); Design Surveillance (ensures compliance with criteria packages,						

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Planning and Design Host Nation, Worldwide Various (Planning and Design)

4.PROJECT TITLE Host Nation Support FY 11	5.PROJECT NUMBER 62155
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REQUIREMENT: (CONTINUED)
efficient operation and maintenance, and life safety, fire protection, and environmental compliance); Construction Surveillance (ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies).

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various			4. PROJECT TITLE Planning and Design FY11		
5. PROGRAM ELEMENT 91211A	6. CATEGORY CODE 000	7. PROJECT NUMBER 62153	8. PROJECT COST (\$000) Auth Approp 221,636		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY Planning & Design		LS	--	--	221,636 (221,636)
SUPPORTING FACILITIES					
ESTIMATED CONTRACT COST					221,636
CONTINGENCY (.00 %)					0
SUBTOTAL					221,636
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					221,636
TOTAL REQUEST (ROUNDED)					221,636
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.					
11. REQ: NA ADQT: NA SUBSTD: NA					
PROJECT: Planning and design funds.					
REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2011 program; for advancement to final design of projects in FY 2012 and for initiation of design of projects in FY 2013. The funds request for the annual planning and design requirement includes value					

1.COMONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 27 JAN 2010
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3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE Planning and Design FY11	5.PROJECT NUMBER 62153
---	-------------------------------

REQUIREMENT: (CONTINUED)
engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 27 JAN 2010	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Minor Construction FY 11		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 962	7. PROJECT NUMBER 62167		8. PROJECT COST (\$000) Auth Approp 23,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Minor Construction Facilities		LS	--		--	23,000 (23,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						23,000
CONTINGENCY (.00 %)						0
SUBTOTAL						23,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						23,000
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.						
11. REQ: NA ADQT: NA SUBSTD: NA						
PROJECT: Minor military construction, worldwide.						
REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.						
CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission.						
IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address urgent and unforeseen requirements that arise during the year.						

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Army Family Housing

**Fiscal Year (FY) 2011 Budget Estimate
Justification Data Submitted to Congress**

February 2010

February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
SUMMARY
(\$ in Thousands)

FY 2011 Budget Request	\$ 610,509
FY 2010 Current Estimate	\$ 796,654
FY 2010 President's Budget Request	\$ 796,654

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget Request supports the operation, maintenance, leasing, privatization and construction of military Family housing worldwide. The FY 2011 Budget Request funds the Department's goal of providing fully adequate Family housing units for our Soldiers and their Families and supports the Army's authorized strength.

MAJOR FACTORS

Army Family Housing Operations: Annual changes to the inventory drive program changes in most budget accounts. Programmatic adjustments to the FY 2011 request address cost avoidances associated with a declining inventory, partially offset by the higher cost of operations of the remaining owned inventory that is primarily located at foreign and overseas locations. Reductions in government-owned inventory, as summarized in the FH-2 display, primarily reflect inactivation of European facilities and BRAC closures.

Army Family Housing Construction: The FY 2011 request includes construction of 64 Family housing units to replace 120 units which are not economical to revitalize and will be demolished. These units are located at an installation that has been identified as an enduring location. Also included is funding for completion of supporting infrastructure for two projects authorized and appropriated in FY 2004 that could not be completed due to unforeseen environmental contamination which has since been abated.

EFFECT OF PRIVATIZATION

The Army's last planned privatization project was turned over to developer control in December 2009. With the FY 2011 request, the Army will provide equity investment to the developer for replacement construction of privatized homes at Carlisle Barracks and Ft. Eustis.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
SUMMARY (Continued)

PROGRAM SUMMARY

Authorization is requested for the performance of operation, maintenance, leasing, privatization, and construction of Army Family Housing in the amount of \$610,509,000 for:

Appropriation of \$610,509,000 is requested to fund:

- a. Family Housing Construction and
- b. Family Housing Operations already authorized in existing legislation.

REQUEST

A summary of the Fiscal Year 2011 AFH funding program follows:

	<u>(\$ in Thousands)</u>	<u>(\$ in Thousands)</u>
CONSTRUCTION REQUEST		\$92,369
New Construction	55,329	
Post Acquisition Construction	35,000	
Planning and Design	2,040	
 OPERATIONS AND MAINTENANCE REQUEST		 \$518,140
Operations	97,343	
Maintenance of Real Property	120,899	
Utilities	<u>69,655</u>	
Subtotal Government Owned	<u>287,897</u>	
Leasing	203,184	
Privatization	27,059	
 TOTAL FAMILY HOUSING APPROPRIATION REQUEST		 \$ 610,509
 REIMBURSABLE PROGRAM		 \$18,000
 TOTAL FAMILY HOUSING PROGRAM		 \$ 628,509

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (Part IIA)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Alaska	Fort Wainwright (IMCOM)		
75305	Family Housing Replacement Construction	21,000	21,000
		-----	-----
	SUBTOTAL Fort Wainwright Part IIA	\$ 21,000	21,000
	* TOTAL AFH FOR Alaska	\$ 21,000	21,000
	** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 21,000	21,000

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (Part IIA)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Germany	Germany Various (IMCOM)		
	Baumholder Mil Cmty		
71422	Family Housing Replacement Construction	34,329	34,329
		-----	-----
	SUBTOTAL Germany Various Part IIA	\$ 34,329	34,329
	* TOTAL AFH FOR Germany	\$ 34,329	34,329
	** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 34,329	34,329
	MILITARY CONSTRUCTION (Part IIA) TOTAL	\$ 55,329	55,329

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 ARMY FAMILY HOUSING
 POST ACQUISITION (Part IIB)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Pennsylvania	Carlisle Barracks (IMCOM)		
66738	Family Housing Privatization	15,000	15,000
		-----	-----
	SUBTOTAL Carlisle Barracks Part IIB	\$ 15,000	15,000
	* TOTAL AFH FOR Pennsylvania	\$ 15,000	15,000
Virginia	Fort Eustis (IMCOM)		
72711	Family Housing Privatization	20,000	20,000
		-----	-----
	SUBTOTAL Fort Eustis Part IIB	\$ 20,000	20,000
	* TOTAL AFH FOR Virginia	\$ 20,000	20,000
	** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 35,000	35,000

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2011
 ARMY FAMILY HOUSING
 POST ACQUISITION (Part IIB)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	-----	-----
PROJECT	PROJECT TITLE	REQUEST	REQUEST
NUMBER	-----	-----	-----
-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES)		
62214	Family Housing P&D	2,040	2,040
		-----	-----
	SUBTOTAL Planning and Design Part IIB	\$ 2,040	2,040
	* TOTAL AFH FOR Worldwide Various	\$ 2,040	2,040
	** TOTAL WORLDWIDE FOR AFH	\$ 2,040	2,040
	MILITARY CONSTRUCTION (Part IIB) TOTAL	\$ 37,040	37,040

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
PERFORMANCE METRICS

The FY 2011 Budget Estimate funds the construction of 64 units to replace 120 inadequate units which will be demolished at US Army Garrison (USAG) Baumholder, GE. Exhibits FH-11 and FH-8, which follow, outline the elimination of the inadequate Family housing identified below.

Adequate Family Housing Inventory

FY 2009, Beginning of Year:

Government Owned Inventory: 26,787 units

Total Adequate (Q1, Q2): 18,811 units

Total Inadequate (Q3, Q4): 1,542 units

Total Transitional Inadequate ¹: 6,434 units

Percent Adequate (excluding transitional inadequate and privatized units): 92%

FY 2010, Beginning of Year:

Government Owned Inventory: 18,721 units

Total Adequate (Q1, Q2): 14,045 units

Total Inadequate (Q3, Q4): 873 units

Total Transitional Inadequate ¹: 3,803 units

Percent Adequate (excluding transitional inadequate and privatized units): 94%

FY 2011, Beginning of Year:

Government Owned Inventory: 16,419 units

Total Adequate (Q1, Q2): 11,936 units

Total Inadequate (Q3, Q4): 799 units

Total Transitional Inadequate ¹: 3,684 units

Percent Adequate (excluding transitional inadequate and privatized units): 94%

Note ¹: Transitional Inadequate units are Surplus, BRAC, & Non-Enduring of varying qualities.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

FH-11 Exhibit: Summary of Family Housing Units and Condition

	U.S. (includes HI and AK)			Foreign (includes U.S. Territories)			Worldwide		
	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
Beginning Fiscal Year Inventory	8,756	4,231	1,976	18,031	14,490	14,443	26,787	18,721	16,419
Adequate Inventory Total	6,930	3,579	1,358	11,881	10,466	10,578	18,811	14,045	11,936
Q1 - Good	4,149	2,764	1,065	7,028	6,954	7,175	11,177	9,718	8,240
Q2 - Fair	2,781	815	293	4,853	3,512	3,403	7,634	4,327	3,696
Inadequate Inventory Total	40	-	-	1,502	873	799	1,542	873	799
Q3 - Poor	40	-	-	900	873	799	940	873	799
Q4 - Failing	-	-	-	602	-	-	602	-	-
N/A - Transitional Inadequate Inventory Total ¹	1,786	652	618	4,648	3,151	3,066	6,434	3,803	3,684
Percent Adequate - Beginning Inventory ²	99%	100%	100%	89%	92%	93%	92%	94%	94%
Budget Impact									
Inadequate reduced	40	-	-	629	74	120	669	74	120
Milcon/O&M	40	-	-	509	38	64	549	38	64
Privatization	-	-	-	-	-	-	-	-	-
Demolition/Divesture	-	-	-	120	36	56	120	36	56
Adequate Units Privatized	4,000	1,700	-	-	-	-	4,000	1,700	-
Adequate Changes by other	72	(7)	(335)	(1,414)	112	7,175	(1,342)	105	6,840
EOY Adequate Inventory Total	3,579	1,358	1,023	10,466	10,578	10,792	14,045	11,936	11,815
Q1 - Good	2,764	1,065	741	6,954	7,175	7,509	9,718	8,240	8,250
Q2 - Fair	815	293	282	3,512	3,403	3,283	4,327	3,696	3,565
EOY Inadequate Inventory Total	-	-	-	873	799	679	873	799	679
Q3 - Poor	-	-	-	873	799	679	873	799	679
Q4 - Failing	-	-	-	-	-	-	-	-	-
EOY N/A - Transitional Inadequate Inventory Total ¹	652	618	-	3,151	3,066	3,066	3,803	3,684	3,066
EOY Total Inventory	4,231	1,976	1,023	14,490	14,443	14,537	18,721	16,419	15,560
Percentage Adequate - Ending Inventory ²	100%	100%	100%	92%	93%	94%	94%	94%	95%
FY2011 Performance Goal - % of Adequate Units			75%			75%			75%

Note 1. Transitional inadequate units are Surplus, BRAC, & Non- Enduring Foreign Units

Note 2. Excludes transitional inadequate units

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2009

	Total Inventory	Total Inadequate Inventory ¹	Total Inadequate Addressed
Total Units at beginning of FY 2009	26,787	1,542	669
FY 2009 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			
* C/Improve/USAG Wiesbaden	2,511	543	97
* C/Replace/USAG Wiesbaden ²	2,511	446	326
* O/Revite/USAG Ansbach	658	54	54
* O/Revite/USAG Garmisch	81	1	1
* O/Revite/USAG Grafenwoehr	260	1	1
* O/Revite/USAG Heidelberg	1,683	1	1
* O/Revite/USAG Stuttgart	1,415	29	29
* O/Revite/Fort McNair	29	14	14
* O/Revite/Fort Myer	60	24	24
* O/Revite/Rock Island Arsenal	52	2	2
FY2009 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			
* Demolition/USAG Wiesbaden (Part of Improvement)	2,511	120	17
* Demolition/USAG Wiesbaden (Part of Replacement)	2,511	103	103
Total Units at end of FY 2009	18,721	873	669

Note 1. Army Family housing adjusted the ratio of adequate vs. inadequate units between FY08 and FY09 while keeping the total number of units the same. This was done because Army updated the definition of inadequate units to the OSD definition as those units needing work more than \$50,000 per unit (times area cost factor).

2. Three of four FY09 Wiesbaden replacement projects were counted in FY09 as reducing 250 units although projects not fully appropriated in FY09 and were requested in FY10.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2010

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2010	18,721	873	74
FY 2010 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			
* C/Replace/USAG Baumholder	1,577	873	38
FY2010 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			
* Demolition/USAG Baumholder (Part of Replacement project)	1,577	835	36
Total Units at end of FY 2010	16,419	799	74

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2011

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2011	16,419	799	120
FY 2011 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			
* C/Replace/USAG Baumholder	1,492	799	64
FY2011 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			
* Demolition/USAG Baumholder (Part of Replacement project)	1,492	735	56
Total Units at end of FY 2011	15,560	679	120

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
PROGRAM ASSESMENT RATING TOOL

In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the ExpectMore.gov website.

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Fiscal Year (FY) 2011 Budget Estimate
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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire Family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Alaska	Fort Wainwright	Note 1	21,000,000
Germany	USAG Baumholder	64 units	34,329,000
	Total	64 units	55,329,000

Note 1: For completion of supporting infrastructure for two projects authorized and appropriated in FY 2004

(b) PLANNING AND DESIGN. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of Family housing units in an amount not to exceed [\$3,936,000] \$2,040,000.

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to Section 2825 of Title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military Family housing in an amount not to exceed [\$219,300,000] \$35,000,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military Family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military Family housing and facilities, [~~\$273,236,000~~] \$92,369,000.

(B) For support of military Family housing (including the functions described in Section 2833 of Title 10, United States Code), and notwithstanding other provisions of law, for support of military Family housing authorized in Subchapter II of Title 10, United States Code, [~~\$523,418,000~~] \$518,140,000.

APPROPRIATION LANGUAGE

Family Housing Construction, Army

For expenses of Family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, alteration and privatization, as authorized by law, [~~\$273,236,000~~] \$92,369,000 to remain available until [September 30, 2014] September 30, 2015.

Family Housing Operation and Maintenance, Army

For expenses of Family housing for the Army for operation and maintenance, including debt payment, leasing, privatization, minor construction, and principal and interest charges, as authorized by law, [~~\$523,418,000~~] \$518,140,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE

Items of Interest – MILCON Appropriations Committees

According to Title 10 USC Sections 2831 and 2884, and Public Law 111-117, Consolidated Appropriations Act, 2010, Division E, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2010, the Army provides the following reports:

GENERAL/FLAG OFFICERS QUARTERS, Maintenance and Repair (M&R) over \$35K (See Tab, GFOQ M&R over \$35K);

GENERAL/FLAG OFFICERS QUARTERS, Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit (See Tab, GFOQ O&M costs);

General and Flag Officers Quarters, 6000 Net Square Feet (NSF) Units (See Tab, GFOQ O&M costs);

Privatized General and Flag Officers Quarters, Operations, Maintenance and Repair Costs Incurred by Private Sector {over \$50K} (See Tab, GFOQ O&M costs);

General and Flag Officers Quarters (GFOQ), Annual Cost Report (Submitted separately).

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
NEW CONSTRUCTION

(\$ in Thousands)

FY 2011 Budget Request	\$55,329
FY 2010 Current Estimate	\$50,000
FY 2010 President's Budget Request	\$50,000

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new units rather than revitalize existing Army Family Housing. New units are also built when adequate off post housing is not available. Cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 2011 for:

1. Completion of supporting infrastructure for 110 units at Fort Wainwright, AK, originally authorized in FY 2004.
2. Appropriation in the amount of \$21,000,000 to fund completion of infrastructure supporting 110 Family housing units authorized in FY 2004. Construction of 110 houses was completed; however, associated site and utility work was not constructed due to discovery of unforeseen environmental contamination which has since been abated.
3. Construction of 64 Family housing units at Baumholder, GE. As part of this project, 120 existing Family housing units will be demolished.
4. Appropriation in the amount of \$34,329,000 to fund construction of 64 Family housing units and demolition of 120 units.

A summary of the requested new construction funding program for FY 2011 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u>		<u>Amount (\$000)</u>
		<u>Constr.</u>	<u>Demolished</u>	
Fort Wainwright, AK		N/A	N/A	21,000
Baumholder, Germany	Current	64	120	<u>34,329</u>
TOTAL:		64	120	55,329

February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE FEB 2010
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 2.20	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	800	5565	926	0	0	0	6 121 2244 9,662
B. END FY 2015	848	5799	1063	0	0	0	10 120 2192 10,032
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	649,130 ha		(1,604,029 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						7,253,901	
C. AUTHORIZATION NOT YET IN INVENTORY.....						588,137	
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						21,000	
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						0	
H. GRAND TOTAL.....						7,863,038	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
711	75305	Family Housing Replacement Construction			21,000		TURNKEY
TOTAL					21,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A.	INCLUDED IN THE FY 2012 PROGRAM: NONE						
B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE						
C.	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Fort Wainwright garrisons elements of the 172nd Infantry Brigade and supporting organizations. It also provides on-post Army family housing for approximately 1860 families. Support includes training ranges and maneuver areas on post and at the Donnelly Training Area.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
A.	AIR POLLUTION				0		
B.	WATER POLLUTION				0		
C.	OCCUPATIONAL SAFETY AND HEALTH				0		

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEB 2010	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska			4.PROJECT TITLE Family Housing Replacement Construction			
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 75305		8.PROJECT COST (\$000) Auth 21,000 Approp 21,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,304
Refurbish Family Housing Units		EA	110 --		29,809	(3,279)
Building Information Systems		LS	--		--	(25)
<u>SUPPORTING FACILITIES</u>						14,873
Electric Service		LS	--		--	(1,479)
Water, Sewer, Gas		LS	--		--	(1,485)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,786)
Site Imp(7,437) Demo()		LS	--		--	(7,437)
Information Systems		LS	--		--	(123)
Mechanical Buildings Deficienci		LS	--		--	(563)
ESTIMATED CONTRACT COST						18,177
CONTINGENCY (5.00%)						909
SUBTOTAL						19,086
SUPV, INSP & OVERHEAD (6.50%)						1,241
DESIGN/BUILD - DESIGN COST						763
TOTAL REQUEST						21,090
TOTAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Complete and perform corrective work to primary facility housing units and supporting facilities site work for 110 single Family housing units constructed as part of the combined FY04 Family housing project numbers 57785 and 57074, titled Construct Replacement Housing at Taku Gardens Fort Wainwright, Alaska. Requirements for primary facilities include: flushing, disinfection and other commissioning steps for activation of the water, sewer, heating and ventilation systems; replacement of all batteries in battery operated equipment; replacement of hot water heating system circulating pumps; repair or replacement of damaged floor and wall finishes: and other minor work that is necessary to make the units operational after remaining idle since 2007. Requirements for supporting facilities include: site survey; site grading to the original design; roadways; curbs; sidewalks; driveways; patios; fencing; stoops; entries; paths; skating rink, drainage structures; grass; trees; shrubs; site furnishings, signage, pedestrian bridges, playgrounds, mailboxes, warming huts, benches, and waste receptacles; utilities work to include testing, flushing, disinfection and commissioning of the water distribution system; inspection and commissioning of the piping and pumping components of the sanitary sewer system; commissioning of the hot water district heating system including cleaning, testing, operational						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
3. INSTALLATION AND LOCATION Fort Wainwright, Alaska		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 75305	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>verification, and renewal of the water/glycol fluid, and any required corrective work; completion of the two site mechanical service buildings including water and sewer service connections, ventilation systems, controls, piping configuration, testing, commissioning, and repairs as required; completion and adjustments to the site electrical distribution system including commissioning testing, completion of electrical pole guying, replacing water-damaged transformers, repairs to corroding ground connections, and adjustment of components to proper elevations to match with final site grading; installation of the site exterior lighting system in coordination with buried utilities; reconstruction, completion, and commissioning of the site telecommunications systems in coordination with the site grading plan and other buried utilities.</p> <p><u>PROJECT:</u> Complete start up requirements of primary facility and construction of supporting infrastructure for 110 single Family housing units. (Current Mission)</p> <p><u>REQUIREMENT:</u> The FY04 Replacement Family Housing Projects PN57785 and PN57074 constructed 110 Family housing units at Taku Gardens, Ft. Wainwright, Alaska. The project scope, as awarded, was to construct 110 single Family housing units with a mix of 3, 4, and 5 bedroom units. The scope also included the construction of utilities and site work to support those units. During the course of construction adverse subsurface conditions were encountered including contamination and substantial debris. The impact of these conditions on the project budget and schedule were such that the contract was closed out in February 2007. As of contract closeout 110 Family housing units were completed as well as the backbone utility distribution systems. Site work elements were not completed. An environmental contractor was retained under separate contract to complete subsurface investigative work and to abate found hazards. That contract will be complete in the fall of 2009 and the site will be considered environmentally acceptable for occupancy of the units. The Family housing at Ft. Wainwright was privatized under the Residential Communities Initiative (RCI) program in April 2009. The Army's privatization partner will assume operational control of the Taku Gardens units once the environmental concerns are abated, the site work completed, and any damage to the 110 constructed units that has resulted from lack of occupancy since February 2007 is corrected. The need for these units remains as described in the source programming documents for the original project PN57074 and PN57785 and as described in section "Current Situation" below.</p> <p><u>CURRENT SITUATION:</u> Overall, the buildings and utilities on the site are constructed. The heating utilities, water, and power have been in operation and are currently operating. The sewer is constructed, but is not in operation. Very little site development work, other than site preparation accomplished for the original housing construction, has been accomplished. Site utilities require inspection, commissioning and renewal and repair work to make them ready for operation. Site development work needs to be adjusted</p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
3. INSTALLATION AND LOCATION Fort Wainwright, Alaska		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 75305	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>to suit existing conditions and completed to make the housing complex ready for occupancy. Within the housing units, systems are generally complete, but, other than power and heating systems, have not been in operation. Some damage has been identified. The various systems require commissioning and renewal and repair work to make them ready for occupancy. Much of the rental housing is spread over an extremely large area which exceeds the safe commuting time of 30 minutes in adverse weather conditions. Many local roads are not well maintained or paved, causing added cost, commute time, and safety issues for residents. This extensive use of off-post housing also adds to congestion and delay at installation gates during the morning and evening peak traffic periods. The majority of private rental housing is on independent sewage and water systems (septic and well) and does not receive treatment or disposal. Residents must absorb the additional cost of solid waste disposal, snow removal, additional vehicle repairs and transportation. The severe Arctic winter environment can have an adverse effect on safety, morale and mission accomplishment due to delays in travel and emergency services availability. The constructed units currently remain unoccupied and not accepted into the Family housing privatization contract.</p> <p><u>IMPACT IF NOT PROVIDED:</u> An estimated 110 military Families will remain involuntarily separated from their Families until on-post housing becomes available. Military Families will continue to be forced to make a decision to either rent short term inadequate (small, poor condition) housing or separate their Family for the 12 to 18 months wait for adequate on-post housing. Failure to provide adequate housing will adversely affect the health, safety and quality of life of military Families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p>Installation Engineer: Michael T. Meeks Phone Number: 907-361-7287</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT (YYMMDD) 100108		2. FISCAL YEAR 2011		REPORT CONTROL SYMBOL DD-AT&L(AR)1716	
3. DOD COMPONENT Army		4. REPORTING INSTALLATION							
5. DATA AS OF 100104		a. NAME Fort Wainwright				b. LOCATION Wainwright, Alaska			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (c)	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (c)
6. TOTAL PERSONNEL STRENGTH		849	4,173	1,705	6,727	858	4,203	1,716	6,777
7. PERMANENT PARTY PERSONNEL		849	4,173	1,705	6,727	858	4,203	1,716	6,777
8. GROSS FAMILY HOUSING REQUIREMENTS		577	2,754	648	3,979	592	2,816	652	4,060
9. TOTAL UNACCEPTABLY HOUSED (a + b + c)		124	1,297	348	1,769				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		124	1,297	348	1,769				
10. VOLUNTARY SEPARATIONS		7	29	112	148	7	115	29	151
11. EFFECTIVE HOUSING REQUIREMENTS		579	2,767	502	3,848	585	2,701	623	3,909
12. HOUSING ASSETS (a + b)		689	1,623	156	2,468	166	405	67	638
a. UNDER MILITARY CONTROL		0	110	0	110	0	0	0	0
(1) Housed in Existing DoD Owned/Controlled		0	0	0	0	0		0	0
(2) Under Contract/Approved						0	0	0	0
(3) Vacant		0	110	0	110				
(4) Inactive		0	0	0	0				
b. PRIVATE HOUSING		689	1,513	156	2,358	166	405	67	638
(1) Acceptably Housed		665	1,470	154	2,289				
(2) Acceptable Vacant Rental		24	43	2	69				
13. EFFECTIVE HOUSING DEFICIT		-110	1,144	346	1,380	132	1,257	215	1,604
14. PROPOSED PROJECT							110		110
15. REMARKS (Specify item number)									
<p>Line 14: Complete start up requirements of primary facility Family housing units and supporting facilities site work for 110 single Family housing units constructed as part of the combined FY04 Family housing project numbers 57785 and 57074, titled Construct Replacement Housing at Taku Gardens Fort Wainwright, Alaska. During the course of construction adverse subsurface conditions were encountered | including contamination and substantial debris. The impact of these conditions on the project budget and schedule were such that the contract was closed out in February 2007 with much of the project scope not yet completed. An environmental contractor was retained under separate contract to complete subsurface investigative work and to abate found hazards. The funds requested completes all site work and any damage to the 110 constructed units that has resulted from lack of occupancy since February 2007.</p>									

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM						2. DATE FEB 2010
3. INSTALLATION AND LOCATION Germany Various Germany			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.14	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 03 NOV 2009	5869	31960	16982	0	236	16	83,674
B. END FY 2015	4998	20934	14996	0	209	23	67,279
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	1,292 ha		(3,193 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....	2,409,110						
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,092,665						
D. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	34,329						
E. AUTHORIZATION INCLUDED IN THE FY 2012 PROGRAM.....	56,873						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	0						
H. GRAND TOTAL.....	3,592,977						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2011 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
711	71422	Family Housing Replacement Construction		34,329	TURNKEY		
TOTAL				34,329			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2012 PROGRAM:							
711	Family Housing Replacement Construction			30,553			
711	Family Housing Replacement Construction			26,320			
TOTAL				56,873			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as a base for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations. These units consist of combat, combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force overseas.							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROGRAM	2. DATE FEB 2010
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INSTALLATION AND LOCATION: Germany Various, Germany

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEB 2010	
3.INSTALLATION AND LOCATION Baumholder Mil Cmty Germany (Germany Various)				4.PROJECT TITLE Family Housing Replacement Construction		
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 71422		8.PROJECT COST (\$000) Auth 34,329 Approp 34,329	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,998
Family Housing, Senior NCO 3BR		FA	32 --		358,617	(11,476)
Family Housing, Senior NCO 4BR		FA	32 --		414,586	(13,267)
SDD and EPAct05		LS	--		--	(310)
Building Information Systems		LS	--		--	(945)
<u>SUPPORTING FACILITIES</u>						4,701
Electric Service		LS	--		--	(408)
Water, Sewer, Gas		LS	--		--	(598)
Paving, Walks, Curbs & Gutters		LS	--		--	(354)
Storm Drainage		LS	--		--	(165)
Site Imp(1,266) Demo(1,910)		LS	--		--	(3,176)
ESTIMATED CONTRACT COST						30,699
CONTINGENCY (5.00%)						<u>1,535</u>
SUBTOTAL						32,234
SUPV, INSP & OVERHEAD (6.50%)						<u>2,095</u>
TOTAL REQUEST						34,329
TOTAL REQUEST (ROUNDED)						34,329
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Replace existing inadequate stairwell housing buildings with construction of 64 townhouse style units for Senior Non-Commissioned Officer (SNCO) Families (32 three- and 32 four-bedroom units). Floorplans and specifications follow established standard townhouse designs from previous projects at Ansbach and Wiesbaden. Project includes individual unit metering of utilities, hard wired interconnected smoke detectors, carbon monoxide detection, garages, storage, patios, backyard fencing, landscaping, and all equipment and appliances for fully functional residential living units. Project includes neighborhood amenities, walkways, roads, utilities, environmental measures required by law and associated supporting infrastructure. Local construction methods and materials will be used to include tile roofs, 120/220V electric systems, masonry walls, prefab concrete floors & ceilings, exterior insulation and stucco, European windows and doors. At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. Five (5) stairwell type Family Housing Buildings 24 units each (total 120 units) will be demolished during the construction of this project.						

1. COMPONENT	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		FEB 2010

3. INSTALLATION AND LOCATION
 Baumholder Mil Cmty, Germany (Germany Various)

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Replacement Construction	71422

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	#Units	Total(\$K)
SNCO	3	1,500	1,860	173	1.144	1,812	32	11,476
SNCO	4	1,734	2,150	200	1.144	1,812	32	13,267
TOTALS							64	24,743

Demolish 5 Buildings at Wetzel Fam Hsg GE94D, GY (TOTAL 17,309 m2/186,315 SF).
PROJECT: Replacement construction of 64 Senior Non-Commissioned Officer Family housing units to include neighborhood amenities, energy conservation, supporting infrastructure and demolition of five (5) stairwell type Family Housing Buildings 24 units each (total 120 units).(Current Mission)
REQUIREMENT: These housing units are required regardless of whether both HBCTs are relocated back to the US as part of the QDR review. This project is required to improve existing Family housing conditions and to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to create a viable community housing development at an enduring installation. This neighborhood will provide Soldiers and Families an equivalent housing standard as that provided to CONUS based Soldiers.
CURRENT SITUATION: Existing housing is primarily in 1950's era multistory apartment buildings with common stairwell walkups, mostly 4 stories high containing 24 undersized units that do not meet quality of life or Antiterrorism Force/Protection (AT/FP) standards. The buildings to be replaced with this project have utility systems, doors, windows, roofing, exterior facades, kitchens, baths and other major building components that have outlived their useful life. Replacement construction is more cost effective than renovation as the repair cost to bring these stairwell buildings up to current code and standards to meet quality of life, force and fire protection, energy conservation and size standards, exceeds 70% of the cost to replace. The Europe strategy to replace failing stairwell type structures with townhouses over the next 20-25 years was approved by the ACSIM 1-Mar-06. This project continues execution of that strategy with worst stairwell buildings first.
IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing that will continue to deteriorate and consume increased maintenance and energy costs. This adversely affects the health, safety and quality of life of the Soldiers and their Families.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
3. INSTALLATION AND LOCATION Baumholder Mil Cnty, Germany (Germany Various)		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 71422	
<p><u>ADDITIONAL:</u> (CONTINUED)</p> <p>has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD) 101012		2. FISCAL YEAR 2011		REPORT CONTROL SYMBOL DD-AT&L(AR)1716		
3. DOD COMPONENT Army		4. REPORTING INSTALLATION						
5. DATA AS OF 12 Jan 10		a. NAME USAG Baumholder			b. LOCATION Baumholder, GE			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (c)	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (c)
6. TOTAL PERSONNEL STRENGTH	486	3,824	1,760	6,070	503	3,959	1,822	6,284
7. PERMANENT PARTY PERSONNEL	486	3,824	1,760	6,070	503	3,959	1,822	6,284
8. GROSS FAMILY HOUSING REQUIREMENTS	272	2,141	986	3,399	282	2,217	1,020	3,519
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	35	685	913	1,633				
a. INVOLUNTARILY SEPARATED	5	50	20	75				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	30	595	833	1,458				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	0	40	60	100				
10. VOLUNTARY SEPARATIONS	2	40	4	46	2	37	3	42
11. EFFECTIVE HOUSING REQUIREMENTS	270	2,101	982	3,353	280	2,180	1,017	3,477
12. HOUSING ASSETS (a+b)	195	1,350	283	1,828	166	1,185	293	1,644
a. UNDER MILITARY CONTROL	145	1,166	274	1,585	36	1,072	293	1,401
(1) Housed in Existing DoD Owned/Controlled	99	940	269	1,308	31	1,045	287	1,363
(2) Under Contract/Approved					5	27	6	38
(3) Vacant	43	224	5	272				
(4) Inactive	3	2	0	5				
b. PRIVATE HOUSING	50	184	9	243	130	113	0	243
(1) Acceptably Housed	45	159	9	213				
(2) Acceptable Vacant Rental	5	25	0	30				
13. EFFECTIVE HOUSING DEFICIT	75	751	699	1,525	114	995	724	1,833
14. PROPOSED PROJECT					0	64	0	64
15. REMARKS (Specify item number)								
Line 14: Project replaces 120 apartment style Family housing units with 64 Senior Non-Commissioned Officer townhouse style quarters.								
Senior NCO 32 3 bedroom units 32 4 bedroom units								
All projected requirements based on pre-QDR decisions and not available for public release.								

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)

FY 2011 Budget Request	\$35,000
FY 2010 Current Estimate	\$219,300
FY 2010 President's Budget Request	\$219,300

PURPOSE AND SCOPE

The Post-Acquisition Construction program provides funding for the improvement of existing Family housing units by revitalization or privatization. The housing privatization request provides equity investments to finance Public-Private Venture (PPV) actions. The proposed investment will ensure adequate housing for Soldiers and their Families is available.

The Army will provide equity investments for additional replacement housing by leveraging these funds and the Soldier's housing allowance for revitalization and sustainment of Army Family Housing. Two projects are included in this request.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
POST-ACQUISITION CONSTRUCTION (Continued)

PROGRAM SUMMARY

Authorization is requested for appropriation for privatization and improvements to 181 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
<u>Privatization:</u>				
Carlisle Bks, PA	No	All Grades	56	15,000
Fort Eustis, VA	No	All Grades	125	20,000
Subtotal			181	35,000
Total Post-Acquisition			181	35,000

FUNDING SUMMARY

Construction Improvements <u>Program (\$000)</u>	Requested Authorization <u>Amount (\$000)</u>
\$35,000	\$35,000

1.COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEB 2010	
3.INSTALLATION AND LOCATION Various Locations - Continental and Overseas			4.PROJECT TITLE Army Family Housing Post Acquisition Construction			
5.PROGRAM ELEMENT 88742A	6.CATEGORY CODE 711	7.PROJECT NUMBER AFH		8.PROJECT COST (\$000) Auth Approp 37,040		
9.COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
Planning and Design		LS			2,040	
Privatization using Alternative Authorities for Improvement		LS			35,000	
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)		LS			0	
Total					37,040	
10.Description of Proposed Construction <p>These projects provide for both privatization and needed revitalization of Family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to provide adequate space, where required, comparable to the private sector, installation of central air conditioning and heating systems including, as required, relocation of ductwork, increased insulation, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas		
4. PROJECT TITLE Army Family Housing Post Aquisition Construction	5. PROJECT NUMBER	
<p>11. REQUIREMENTS: The many acquisitions of the 1950s and 1960s have left a legacy of houses that are over forty-five years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's Family. Privatization will support this program using alternative authorities for improvement.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The 30% energy reduction required by the Energy Policy Act of 2005, Section 109, will not be met. Soldiers and their Families will continue to live in quarters that are below acceptable standards, affecting duty performance and adversely impacting on the Army's mission. Without privatization and revitalization, the President's Management Agenda to bring all Family quarters up to current standards will not be achieved.</p>		

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010																																								
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas																																										
4. PROJECT TITLE Army Family Housing Post Acquisition Construction	5. PROJECT NUMBER																																									
<p>DESCRIPTION OF WORK TO BE ACCOMPLISHED</p> <p>Country/State Installation and Project</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%; text-align: center;">Post Acquisition Construction -----</th> <th style="width: 15%; text-align: center;">ECIP -----</th> <th style="width: 10%; text-align: center;">CWE (\$000) Total -----</th> </tr> </thead> <tbody> <tr> <td colspan="4">Pennsylvania</td> </tr> <tr> <td>Carlisle Barracks (Project Number 66738)</td> <td style="text-align: center;">15,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Equity investment for privatized replacement construction of Family housing using alternative authorities for improvement and acquisition of military housing - 56 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">15,000</td> </tr> <tr> <td colspan="4">Virginia</td> </tr> <tr> <td>Fort Eustis (Project Number 72711)</td> <td style="text-align: center;">20,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Equity investment for privatized replacement construction of Family housing using alternative authorities for improvement and acquisition of military housing - 125 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">20,000</td> </tr> <tr> <td>USA TOTALS</td> <td style="text-align: center;">35,000</td> <td></td> <td style="text-align: right;">35,000</td> </tr> </tbody> </table>				Post Acquisition Construction -----	ECIP -----	CWE (\$000) Total -----	Pennsylvania				Carlisle Barracks (Project Number 66738)	15,000			Equity investment for privatized replacement construction of Family housing using alternative authorities for improvement and acquisition of military housing - 56 units. (Separate DD Form 1391 is attached).				Installation Total			15,000	Virginia				Fort Eustis (Project Number 72711)	20,000			Equity investment for privatized replacement construction of Family housing using alternative authorities for improvement and acquisition of military housing - 125 units. (Separate DD Form 1391 is attached).				Installation Total			20,000	USA TOTALS	35,000		35,000
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Fort Eustis (Project Number 72711)	20,000																																									
Equity investment for privatized replacement construction of Family housing using alternative authorities for improvement and acquisition of military housing - 125 units. (Separate DD Form 1391 is attached).																																										
Installation Total			20,000																																							
USA TOTALS	35,000		35,000																																							

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
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3. INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4. PROJECT TITLE Army Family Housing Post Acquisition Construction	5. PROJECT NUMBER
---	-------------------

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project	Post Acquisition Construction -----	ECIP -----	CWE (\$000) Total -----
Worldwide Various Planning and Design (Project Number 62214)	2,040		
Installation Total			2,040
OVERSEAS TOTALS	2,040		2,040
Total USA and Overseas	37,040		37,040

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEB 2010	
3.INSTALLATION AND LOCATION Carlisle Barracks Pennsylvania				4.PROJECT TITLE Family Housing Privatization		
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711	7.PROJECT NUMBER 66738		8.PROJECT COST (\$000) Auth 15,000 Approp 15,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Family Housing Privatization		FA	56 --		267,857	15,000 (15,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						15,000
CONTINGENCY (.00 %)						0
SUBTOTAL						15,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						15,000
TOTAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction						
<p>In March 2006, the Army privatized Family housing operations at Carlisle Barracks, PA. The Army transferred 277 homes which will be renovated and/or replaced during the initial development period. This funding request will provide for the Army's equity investment towards increased replacement construction rather than renovation as originally envisioned. Replacement construction will consist of 56 homes and supporting infrastructure. In accordance with 10 USC, Section 2883, these funds will be transferred to the Family Housing Improvement Fund (FHIF) for use at Carlisle Barracks.</p> <p><u>PROJECT:</u> Replacement construction of 56 Family housing units using the alternative authorities for improvement and acquisition of military housing in accordance with 10 USC, Section 2872 et al. (Current Mission)</p> <p><u>REQUIREMENT:</u> This funding is required to provide for the Army's equity investment to support the replacement of 56 homes in lieu of renovation as originally envisioned. Construction will conform to current local standards of adequate size, habitability, safety and energy conservation.</p> <p><u>CURRENT SITUATION:</u> In March 2006, the Army and Balfour Beatty established a limited liability corporation for the purpose of managing Family housing at Carlisle Barracks. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land.</p>						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
3. INSTALLATION AND LOCATION Carlisle Barracks, Pennsylvania		
4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 66738	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>In exchange, Balfour Beatty agreed to plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Carlisle Barracks, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support additional replacement construction at Carlisle Barracks.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the installation will not be able to house some junior and senior enlisted personnel and their Families who may not be able to find adequate housing in the local community. Failure to provide adequate housing will adversely affect the health, safety and quality of life of military Families as well as mission requirements.</p> <p><u>ADDITIONAL:</u> Privatization of Family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		

1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEB 2010	
3.INSTALLATION AND LOCATION Fort Eustis Virginia			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT 88742A	6.CATEGORY CODE 711	7.PROJECT NUMBER 72711		8.PROJECT COST (\$000) Auth 20,000 Approp 20,000		
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Family Housing Privatization		FA	125 --		160,000	20,000 (20,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						20,000
CONTINGENCY (.00 %)						0
SUBTOTAL						20,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						20,000
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(0)
<p>10.Description of Proposed Construction In December 2004, The Army privatized Family housing operations at Forts Eustis/Story, VA. The Army transferred 1,115 homes which will be renovated and/or replaced during the initial development period. This funding request will provide for the Army's equity investment towards increased replacement construction rather than renovation as originally envisioned. Replacement construction will consist of 125 homes and supporting infrastructure. In accordance with 10 USC, Section 2883, these funds will be transferred to the Family Housing Improvement Fund (FHIF) for use at Fort Eustis.</p> <p><u>PROJECT:</u> Replacement construction of 125 Family housing units using the alternative authorities for improvement and acquisition of military housing in accordance with 10 USC, Section 2872 et al. (Current Mission)</p> <p><u>REQUIREMENT:</u> This funding is required to provide for the Army's equity investment to support the replacement of 125 homes in lieu of renovation as originally envisioned. Construction will conform to current local standards of adequate size, habitability, safety and energy conservation.</p> <p><u>CURRENT SITUATION:</u> In December 2004, the Army and Balfour Beatty established a limited liability corporation for the purpose of managing Family housing at Forts Eustis/Story. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land.</p>						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2010
3. INSTALLATION AND LOCATION Fort Eustis, Virginia		
4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 72711	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>In exchange, Balfour Beatty agreed to plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at each location, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support replacement construction at Fort Eustis.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the installation will not be able to house some junior and senior enlisted personnel and their Families who may not be able to find adequate housing in the local community. Failure to provide adequate housing will adversely affect the health, safety and quality of life of military Families as well as mission requirements.</p> <p><u>ADDITIONAL:</u> Privatization of Family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
PLANNING AND DESIGN

(\$ in Thousands)

FY 2011 Budget Request	\$2,040
FY 2010 Current Estimate	\$3,936
FY 2010 President's Budget Request	\$3,936

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds also are used to plan and design future Family housing construction projects and Family housing energy conservation projects. None of the FY 2011 Planning and Design request will be used to support the Military Housing Privatization Initiatives (MHPI).

Authorization and Appropriation Request

Authorization requested for \$ 2,040,000 and appropriation requested for \$ 2,040,000 in FY 2011 to fund Family housing construction planning and design activities, excluding MHPI.

PROGRAM SUMMARY

These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2011 program; for advancement to final design of projects in FY 2012 and for initiation of design of projects in FY 2013. This funding also provides for studies, and updating construction standards and criteria.

February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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1.COMONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEB 2010	
3.INSTALLATION AND LOCATION Planning and Design Worldwide Various				4.PROJECT TITLE Family Housing P&D		
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711	7.PROJECT NUMBER 62214		8.PROJECT COST (\$000) Auth 2,040 Approp 2,040	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Planning & Design		LS	--		--	2,040 (2,040)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						2,040
CONTINGENCY (.00 %)						0
SUBTOTAL						2,040
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						2,040
TOTAL REQUEST (ROUNDED)						2,040
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Provides for parametric, concept and final design of Family housing new and post-acquisition projects; associated surveys; value engineering; and development of standards and criteria for Army Family housing facilities and properties. <u>PROJECT:</u> Planning and design funding for Family housing. <u>REQUIREMENT:</u> This funding is required to provide for Architect-Engineer (A-E) services for site surveys and preparation of designs and specifications for the Army Family housing construction program, including value engineering, and continued development of design criteria, standards, specifications and technical manuals. Funds will be used by the US Army Corps of Engineers (USACE) for in-house designs, A-E contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2011 program; for advancement to final design of projects in FY 2012 and for initiation of design of projects in FY 2013. <u>IMPACT IF NOT PROVIDED:</u> If these funds are not provided, development of Family housing new and post-acquisition Family housing projects will not be accomplished, preventing execution of the FY 2011, 2012 and 2013 construction programs.						

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES

(\$ in Thousands)

FY 2011 Budget Request	\$287,897
FY 2010 Current Estimate	\$285,944
FY 2010 President's Budget Request	\$285,944

PURPOSE AND SCOPE

1. **Operation Accounts.** The operating accounts portion of the program provides for expenses in the following sub-accounts and includes both direct and indirect support for operations, maintenance, and utilities for government-owned, government-operated Family housing units.

a. **Management** – Provides resources for Family housing management, installation administrative support and services to place Families into local community housing. It also includes the costs of housing requirement surveys, condition assessments of existing housing, and development of Family housing construction and repair projects. The Management account provides for the installation and operation of the automated housing management system and for Housing Services Offices personnel. It excludes personnel costs associated with MHPI oversight. Except for installation level costs, all overhead management costs are attributed to CONUS.

b. **Services** – Provides basic installation service support functions, such as refuse collection and disposal, insect and pest control, snow removal and street cleaning, and the Family housing proportional share of fire and police protection.

c. **Furnishings** – Provides for procurement, management, control, moving and handling of furnishings and household equipment, as well as maintenance, repair, and replacement of existing furnishings and equipment inventory.

d. **Miscellaneous** – Provides payments to non-Department of Defense agencies for housing units occupied by Army personnel.

2. **Maintenance Account.** The Maintenance account provides funding for the following activities required to maintain Family housing real property assets.

a. **Recurring Maintenance & Repair (M&R)** – Includes service calls, interior and exterior painting, between occupancy maintenance, and minor M&R work.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES, (Continued)

- b. Major Maintenance and Repair – Major M&R work continues our revitalization program to extend the useful life of the quarters, reduce future maintenance and utility costs, and increase occupancy in the out years.
- c. Exterior Utilities – Includes costs for M&R of sewer and water lines, primary and secondary electric lines, and other exterior utilities used exclusively by Family housing.
- d. M&R, Other Real Property – Includes work on grounds, surfaced areas, playgrounds, and other real property serving Family housing.
- e. Alterations & Additions – Includes low-cost incidental (minor) improvements not to exceed \$3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects and includes modifications to quarters to meet the needs of exceptional Family members.
3. Utilities Account. The Utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for Family housing units.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$287,897,000 for FY 2011. This amount, together with estimated reimbursements of \$18,000,000, will fund the Operation, Utilities, and Maintenance program at \$305,897,000. A summary follows:

<u>(\$ in Thousands)</u>					
<u>Operation</u>	<u>Maintenance</u>	<u>Utilities</u>	<u>Total Direct</u>	<u>Reimburse-ments</u>	<u>Total Program</u>
97,343	120,899	69,655	287,897	18,000	305,897

EXHIBIT FH-2 SUMMARY

Operational requirements are a function of the annual cost-per-unit of supported installations. By the end of FY 2010, the foreign inventory represented 88 percent of the total owned inventory. By the end of FY 2011, the foreign inventory will represent 93 percent of the total owned inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)

Family Housing Operations and Maintenance Reprogramming Actions
Fiscal Year 2009

Account	FY 2009	FY 09 DD	FY 09 BLW	Percent	FY 2009 End
	Appropriation	1415 RPG	THD RPG	Reprogrammed	of Year
	(\$000)	(\$000)	(\$000)		(\$000)
Utilities	113,017		-3,646	-3%	109,371
Operations	126,021		-11,846	-9%	114,175
Management	60,254		-5,103	-8%	55,151
Services	22,437		-3,758	-17%	18,679
Furnishings	42,089		-2,323	-6%	39,766
Miscellaneous	1,241		-662	-53%	579
Leasing	192,849		-5,758	-3%	187,091
Maintenance	252,189	-8,900	12,969	2%	256,258
Adjustments			294		294
Privatization Support	32,034		1,091	3%	33,125
FCF		22,469			22,469
Total	716,110	13,569	-6,896		722,783

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2009 ACTUAL		FY 2010 CURRENT ESTIMATE		FY 2011 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	26,787		18,721		16,419	
INVENTORY END OF YEAR	18,721		16,419		15,560	
EFFECTIVE AVERAGE INVENTORY	22,171		17,754		16,387	
HISTORIC UNITS	544		442		115	
UNITS REQUIRING O&M FUNDING:						
a. Contiguous US	3,753		2,028		1,778	
b. U.S. Overseas	2,155		1,258		119	
c. Foreign	16,263		14,468		14,490	
d. Worldwide	22,171		17,754		16,387	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	2,487	55,151	2,802	49,744	3,003	49,222
b. Services	842	18,679	919	16,325	938	15,372
c. Furnishings	1,793	39,766	1,194	21,194	1,925	31,548
d. Miscellaneous	26	579	66	1,177	73	1,201
SUBTOTAL - OPERATION	5,148	114,175	4,981	88,440	5,939	97,343
2. UTILITIES	4,933	109,371	4,599	81,650	4,250	69,655
3. MAINTENANCE						
a. Annual Recurring M&R	4,115	91,230	2,656	47,160	2,976	48,767
b. Major M&R Projects	5,709	126,581	3,049	54,138	3,484	57,094
c. Exterior Utilities	572	12,683	200	3,558	225	3,686
d. M&R, Other Real Prop.	966	21,417	509	9,042	566	9,276
e. Alts. & Additions	196	4,347	110	1,956	127	2,076
SUBTOTAL MAINTENANCE	11,558	256,258	6,524	115,854	7,378	120,899
FCF with PY adjustments	N/A	22,762	0	0	0	0
4. APPROPRIATION	21,639	502,566	16,104	285,944	17,567	287,897
5. REIMBURSABLE PROGRAM	812	18,000	1,014	18,000	1,098	18,000
6. TOTAL O&M PROGRAM	22,451	520,566	17,118	303,944	18,665	305,897

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2009 ACTUAL		FY 2010 CURRENT ESTIMATE		FY 2011 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	5,807		2,870		1,857	
INVENTORY END OF YEAR	2,870		1,857		904	
EFFECTIVE AVERAGE INVENTORY	3,753		2,028		1,778	
HISTORIC UNITS	554		442		115	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	6,215	23,327	11,243	22,800	13,129	23,343
b. Services	575	2,157	682	1,384	502	893
c. Furnishings	143	539	96	195	104	185
d. Miscellaneous	<u>154</u>	<u>579</u>	<u>580</u>	<u>1,177</u>	675	<u>1,201</u>
SUBTOTAL - OPERATION	7,087	26,602	12,601	25,556	14,410	25,622
2. UTILITIES	3,597	13,501	4,128	8,371	5,608	9,972
3. MAINTENANCE						
a. Annual Recurring M&R	3,280	12,312	3,648	7,398	3,543	6,300
b. Major M&R Projects	1,660	6,230	1,651	3,349	1,604	2,852
c. Exterior Utilities	253	950	251	510	244	435
d. M&R, Other Real Prop.	872	3,272	867	1,759	842	1,498
e. Alts. & Additions	<u>28</u>	<u>106</u>	<u>28</u>	<u>57</u>	<u>27</u>	<u>48</u>
SUBTOTAL MAINTENANCE	6,093	22,870	6,445	13,073	6,260	11,133
4. APPROPRIATION	16,777	62,973	23,174	47,000	26,278	46,727
5. REIMBURSABLE PROGRAM	<u>3,706</u>	<u>13,909</u>	6,858	<u>13,909</u>	<u>7,822</u>	<u>13,909</u>
6. TOTAL O&M PROGRAM	20,483	76,882	30,032	60,909	34,100	60,636

EXHIBIT FH-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2009 ACTUAL		FY 2010 CURRENT ESTIMATE		FY 2011 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	2,949		1,361		119	
INVENTORY END OF YEAR	1,361		119		119	
EFFECTIVE AVERAGE INVENTORY	2,155		1,258		119	
HISTORIC UNITS	0		0		0	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	1,044	2,250	1,529	1,923	4,975	592
b. Services	278	599	301	379	1,513	180
c. Furnishings	780	1,682	638	803	1,815	216
d. Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
SUBTOTAL - OPERATION	2,102	4,531	2,468	3,105	8,303	988
2. UTILITIES	4,774	10,288	3,428	4,313	6,294	749
3. MAINTENANCE						
a. Annual Recurring M&R	3,513	7,571	153	193	1,664	198
b. Major M&R Projects	5,863	12,636	207	260	2,227	265
c. Exterior Utilities	2,540	5,475	89	112	958	114
d. M&R, Other Real Prop.	1,270	2,738	45	56	479	57
e. Alts. & Additions	<u>98</u>	<u>211</u>	<u>4</u>	<u>5</u>	<u>42</u>	<u>5</u>
SUBTOTAL MAINTENANCE	13,284	28,631	498	626	5,370	639
4. APPROPRIATION	20,160	43,450	6,394	8,044	19,967	2,376
5. REIMBURSABLE PROGRAM	<u>380</u>	<u>819</u>	<u>651</u>	<u>819</u>	<u>6,882</u>	<u>819</u>
6. TOTAL O&M PROGRAM	20,540	44,269	7,045	8,863	26,849	3,195

EXHIBIT FH-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2009 ACTUAL		FY 2010 CURRENT ESTIMATE		FY 2011 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	18,031		14,490		14,443	
INVENTORY END OF YEAR	14,490		14,443		14,537	
EFFECTIVE AVERAGE INVENTORY	16,263		14,468		14,490	
HISTORIC UNITS	0		0		0	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	1,818	29,574	1,729	25,021	1,745	25,287
b. Services	979	15,923	1,006	14,562	987	14,299
c. Furnishings	2,308	37,545	1,396	20,196	2,149	31,147
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	5,105	83,042	4,131	59,779	4,881	70,733
2. UTILITIES	5,262	85,582	4,767	68,966	4,067	58,934
3. MAINTENANCE						
a. Annual Recurring M&R	4,387	71,347	2,735	39,569	2,917	42,269
b. Major M&R Projects	6,623	107,715	3,492	50,529	3,725	53,977
c. Exterior Utilities	385	6,258	203	2,936	216	3,137
d. M&R, Other Real Prop.	947	15,407	499	7,227	533	7,721
e. Alts. & Additions	248	4,030	131	1,894	139	2,023
SUBTOTAL MAINTENANCE	12,590	204,757	7,060	102,155	7,530	109,127
FCF with PY adjustments	N/A	22,762				
4. APPROPRIATION	22,957	396,143	15,958	230,900	16,478	238,794
5. REIMBURSABLE PROGRAM	201	3,272	226	3,272	226	3,272
6. TOTAL O&M PROGRAM	23,158	399,415	16,184	234,172	16,704	242,066

EXHIBIT FH-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)

Component: Army
Date: 11 January 2010

FOREIGN CURRENCY EXCHANGE DATA
(\$ in Thousands)

<u>Country</u>	FY 2008		FY 2009		FY 2010		FY 2011	
	U.S. \$ Requiring Conversion Rates	Budgeted Execution Rates	U.S. \$ Requiring Conversion Rates	Budgeted Execution Rates	U.S. \$ Requiring Conversion Rates	Budgeted Execution Rates	U.S. \$ Requiring Conversion Rates	Budgeted Execution Rates
Denmark	-	-	-	-	-	-	-	-
Euro	386,479	0.8259	312,360	0.7905	188,602	0.7737	169,043	0.7212
Japan	980	114.7781	980	114.3007	592	108.9969	8,330	101.9517
Norway	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-
South Korea	47,821	1025.6971	69,074	981.0592	41,706	1191.5708	22,667	1149.5059
Turkey	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-
TOTAL	435,280		382,414		230,900		200,040	

EXHIBIT PB-18

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$ 97,343
FY 2010 Current Estimate	\$ 88,440
FY 2010 President's Budget Request	\$ 88,440

Budget Methodology

The Operation Account includes four sub-accounts: management, services, furnishings, and a small miscellaneous account. All Operation sub-accounts are considered "must pay accounts" based on actual bills that must be paid to manage and operate Family housing.

The Management sub-account is estimated based on historic per unit expenditures adjusted for pay and non-pay inflation and changes to foreign currency exchange rates. Programmatic adjustments to the FY 2011 estimate include general reductions to staff and administrative overhead associated with the declining government owned inventory.

The Services sub-account provides police and fire protection, trash pickup and other municipal functions and is estimated based on historic, per unit expenditures adjusted for non-pay inflation and changes to foreign currency exchange rates. Programmatic adjustments to the FY 2011 estimate include savings associated with a declining inventory partially offset by the higher cost of operations of the remaining owned inventory, primarily located at foreign and overseas locations.

The Furnishings sub-account is estimated based on historic regional expenditures adjusted for pay and non-pay inflation and changes to foreign currency exchange rates. Programmatic adjustments to the FY 2011 estimate include furnishings associated with new housing coming on-line at Camp Humphreys, Korea.

The Miscellaneous sub-account is based on anticipated interagency reimbursement (Dept. of Defense to Dept. of Homeland Security) for housing provided to Army personnel by the Coast Guard.

Summary of Primary Adjustments in FY 2011 Budget

The FY 2011 requirement reflects a continuing reduction to the net-owned inventory. These savings are offset in FY 2011 by: inflation; the higher operational costs of foreign units due to a weakened dollar; the one-time cost of furnishing new government owned homes at Camp Humphreys, Korea; and the appliance costs for the first phase of the Humphreys Housing Opportunity Program.

February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)	
FY 2011 Budget Request	\$49,222
FY 2010 Current Estimate	\$49,744
FY 2010 President's Budget Request	\$49,744

The management sub-account provides funding for the continued requirement of salaries, referral services, housing requirements analysis, and project planning. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed civilian pay and non-pay inflation factors. The overall FY 2011 Management sub-account budget estimate is decreased from the FY 2010 budget request due to reduced inventory and transfers due to Joint Basing.

Installations continue to require a post-privatization housing staff to provide housing services unrelated to privatization (e.g., referrals, deposit waiver, and community liaison). This workforce supports military personnel with their housing requirements, both on and off the garrisons.

The Management sub-account is affected by the Status of Forces Agreements (SOFA) with European nations which permit foreign national personnel to remain on the payroll for more than a year after the Department of Army announces closure of garrisons. This requirement to continue to pay personnel at closed garrisons prevents immediate payroll cost savings in the Management sub-account.

EFFECT OF PRIVATIZATION

Privatization no longer affects this account since the Army has no planned privatization projects that reduce or increase the number of units in the Army-owned inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

OPERATION ACCOUNT					
MANAGEMENT SUB-ACCOUNT, FY 2011					
RECONCILIATION OF INCREASES AND DECREASES					
EXHIBIT OP-5					
					\$ In Thousands
1.	FY 2010 President Budget Request				49,744
2.	FY 2010 Current Estimate				49,744
3.	Price Adjustments:				1,464
	a. Non-Pay Inflation			1,009	
	b. Civilian Pay Inflation			455	
4.	Program Adjustment:				-1,986
	a. Reduction in personnel management costs due to inventory reduction			-753	
	b. Joint Basing Transfers			-1,233	
5.	FY 2011 President Budget Request				49,222

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$15,372
FY 2010 Current Estimate	\$16,325
FY 2010 President's Budget Request	\$16,325

The FY 2011 request is based on the required level of support for refuse collection, street cleaning, snow removal, police and fire protection, entomology and pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors.

As with other Family housing programs, the Services account is most affected by changes in inventory.

EFFECT OF PRIVATIZATION

Privatization no longer affects this account since the Army has no planned privatization projects that reduce or increase the number of units in the Army-owned inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

OPERATION ACCOUNT					
SERVICES SUB-ACCOUNT, FY 2011					
RECONCILIATION OF INCREASES AND DECREASES					
EXHIBIT OP-5					
\$ In Thousands					
1.	FY 2010 President Budget Request				16,325
2.	FY 2010 Current Estimate				16,325
3.	Price Adjustments:				-105
	a. Non-Pay Inflation			332	
	b. Joint Basing Transfers			-437	
4.	Program Adjustment:				-848
	a. Declining inventory			-411	
	b. Joint Basing Transfers			-437	
5.	FY 2011 President Budget Request				15,372

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 FURNISHINGS SUB-ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$31,548
FY 2010 Current Estimate	\$21,194
FY 2010 President's Budget Request	\$21,194

The furnishings sub-account is used for procuring, controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e. refrigerators, ranges, and where authorized, washers and dryers). In overseas and foreign locations, added furniture items (e.g. beds, tables, dressers) are authorized.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed civilian pay, non-pay, and fuel inflation factors. FY 2011 includes funding for appliances for the first phase of the Humphreys Housing Opportunity Program and initial furnishings for 204 units of new Family housing at Camp Humphreys, Korea, and transfers due to Joint Basing.

EFFECT OF PRIVATIZATION

The Army will fund furnishings only for special command positions at privatized locations.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

OPERATION ACCOUNT					
FURNISHINGS SUB-ACCOUNT, FY 2011					
RECONCILIATION OF INCREASES AND DECREASES					
EXHIBIT OP-5					
				\$ In Thousands	
1.	FY 2010 President Budget Request				21,194
2.	FY 2010 Current Estimate				21,194
3.	Price Adjustments:				569
	a. Non-Pay Inflation			430	
	b. Civilian Pay Inflation			98	
	c. Fuel Inflation			41	
4.	Program Adjustment:				9,785
	a. Decrease due to declining inventory			-2,120	
	b. Increase includes appliances for the Humphreys Housing Oportunity Program			8,600	
	c. Increase includes initial furnishings for new inventory at Camp Humphreys, Korea			4,284	
	d. Joint Basing transfers			-979	
5.	FY 2011 President Budget Request				31,548

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$1,201
FY 2010 Current Estimate	\$1,177
FY 2010 President's Budget Request	\$1,177

The Miscellaneous sub-account is based on anticipated interagency reimbursement (Dept. of Defense to Dept. of Homeland Security) for housing provided to Army personnel by the Coast Guard. The FY 2011 request will fund housing provided by the U.S. Coast Guard for Army Families in California, New Jersey, Massachusetts, Puerto Rico, Ohio, and Florida. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors.

EFFECT OF PRIVATIZATION

The housing privatization program has no impact on the Miscellaneous Sub-account.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing

OPERATION ACCOUNT

MISCELLANEOUS SUB-ACCOUNT, FY 2011

RECONCILIATION OF INCREASES AND DECREASES

EXHIBIT OP-5

				\$ In Thousands	
1.	FY 2010 President Budget Request			1,177	
2.	FY 2010 Current Estimate			1,177	
3.	Price Adjustment: Non-pay inflation.			24	
4.	FY 2011 President Budget Request			1,201	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MAINTENANCE AND REPAIR ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$120,899
FY 2010 Current Estimate	\$115,854
FY 2010 President's Budget Request	\$115,854

Maintenance and Repair (M&R) requirements are computed using Departmental cost factors provided by the DoD Facilities Sustainment Model (FSM). Factors are established based on costs per square foot for dwelling units at the installation level and then adjusted to budget year estimates by applying non-pay inflation, and currency revaluation factors. The resulting average per square footage requirement yields annual recurring and major M&R costs.

The Army maintains an inventory valued at approximately \$5.6 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The FY 2010 to FY 2011 program adjustments are a result of the weaker dollar and non-pay inflation that are partially offset by reduced inventory.

EFFECT OF PRIVATIZATION

Privatization no longer affects this account since the Army has no planned privatization projects that reduce or increase the number of units in the Army-owned inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

OPERATION ACCOUNT					
MAINTENANCE AND REPAIR ACCOUNT, FY 2011					
RECONCILIATION OF INCREASES AND DECREASES					
EXHIBIT OP-5					
				\$ In Thousands	
1.	FY 2010 President Budget Request				115,854
2.	FY 2010 Current Estimate				115,854
3.	Price Adjustments:				10,832
	a. Non-Pay Inflation			2,349	
	b. Currency Revaluation			8,483	
4.	Program adjustments: Decrease due to reduced inventory				-5,787
5.	FY 2011 President Budget Request				120,899

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

The project list in this section is provided in accordance with the reporting requirement stated in Title 10 USC Sections 2831 and 2884 and Public Law 111-117, Consolidated Appropriations Act, 2010, Division E, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2010. Information is provided regarding the anticipated costs for those GFOQ where maintenance and repair obligations in FY 2011 are expected to exceed \$35,000 per dwelling unit.

The Army's GFOQ management program includes privatized units in the United States, and government owned and leased homes worldwide. The Army programs major maintenance and repair projects for government owned homes to be retained long-term. Additionally, the Army continues to consider alternative uses for large, expensive GFOQs. Thus, the Army's GFOQ plan for FY 2011 includes 53 GFOQs with a total maintenance and repair cost of \$4,762,600 for houses that exceed \$35,000 per dwelling unit. Maintenance and repair includes recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, Public Law 89-665, as amended, to preserve and maintain these units. Many of the Army's remaining GFOQs were built prior to any Congressional size limitations and are generally larger and more expensive to maintain than more contemporary structures. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally-directed preservation responsibilities.

The Army's project review and approval process eliminates unnecessary maintenance and repair. The following requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA**Fort McNair****Quarters 1**

201 Second Avenue	3,184	Yes	1903	\$42,000	-	-
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Operations/Utilities/Security - \$79,100; Total O&M - \$121,100
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 2

205 Second Avenue	3,184	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$79,100; Total O&M - \$116,100
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 3

209 Second Avenue	3,184	Yes	1903	\$74,000	-	-
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Operations/Utilities/Security - \$89,100; Total O&M - \$163,100
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$25,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 4

(PN 74760)

213 Second Avenue	3,169	Yes	1903	\$181,000	-	-
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Operations/Utilities/Security - \$89,100; Total O&M - \$270,100
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$22,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all the bathrooms (3 full bathrooms and one half bath) to include repair of the electrical and plumbing systems - \$ 110,000.

Quarters 5

217 Second Avenue	2,876	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$79,100; Total O&M - \$116,100.
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort McNair (Continued)**Quarters 6**

(PN 76189)

221 Second Avenue	2,834	Yes	1903	\$241,000	-	-
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Operations/Utilities/Security - \$89,100; Total O&M - \$330,100

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$22,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major project to remodel all bathrooms (Four full bathrooms and one half bath) to include repairs to the electrical and plumbing systems - \$170,000.

Quarters 7

225 Second Avenue	4,436	Yes	1903	\$69,000	-	-
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Operations/Utilities/Security - \$90,500; Total O&M - \$159,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 8

229 Second Avenue	4,057	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$80,500; Total O&M - \$117,500

Maintenance and repairs including service calls - \$10,000; routine maintenance - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 9

233 Second Avenue	4,278	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$79,100; Total O&M - \$116,100

Maintenance and repairs including service calls - \$10,000; routine maintenance - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 10

237 Second Avenue	3,169	Yes	1903	\$69,000	-	-
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Operations/Utilities/Security - \$89,500; Total O&M - \$158,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort McNair (Continued)**Quarters 11**

(PN 77061)

241 Second Avenue	3,169	Yes	1903	\$119,000	-	-
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Operations/Utilities/Security - \$88,500; Total O&M - \$207,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel kitchen, including electrical and plumbing systems, flooring and cabinets - \$50,000.

Quarters 12

245 Second Avenue	3,169	Yes	1903	\$69,000	-	-
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Operations/Utilities/Security - \$89,500; Total O&M - \$158,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 13

249 Second Avenue	3,169	Yes	1903	\$69,000	-	-
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Operations/Utilities/Security - \$89,500; Total O&M - \$158,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 14

253 Second Avenue	3,184	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$79,500; Total O&M \$116,500

Maintenance and repairs including service calls - \$10,000; routine maintenance - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 15

(PN 77063)

257 Second Avenue	3,169	Yes	1903	\$119,000	-	-
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Operations/Utilities/Security - \$89,500; Total O&M - \$208,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel kitchen to include repair/replacement of the electrical and plumbing systems - \$50,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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FLORIDA**Miami**

3501 Granada Boulevard	4,857	Yes	1947	\$35,200	56,700	-
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Operations/Utilities/Security - \$44,400; Total O&M - \$136,300

Maintenance and repairs including service calls - \$5,000; routine maintenance and repairs including change of occupancy maintenance - \$15,200; interior painting - \$4,000; self-help - \$1,000; grounds maintenance - \$7,000; incidental improvements - \$3,000.

ILLINOIS**Rock Island Arsenal****Quarters 4**

(PN 72991)

3294 Terrace Drive	4,455	Yes	1872	\$51,000	-	-
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Operations/Utilities/Security - \$20,100; Total O&M - \$ 71,100

Maintenance and repairs including service calls - \$9,000; self-help - \$700; grounds maintenance - \$10,800; incidental improvements - \$500; major repair project to replace copper chimney caps and repair drainage - \$ 30,000.

VIRGINIA**Fort Myer****Quarters 1**

206 Washington	8,460	Yes	1899	\$79,000	-	-
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Operations/Utilities/Security - \$105,000; Total O&M - \$184,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$30,000; grounds maintenance - \$11,000; incidental improvements - \$3,000;

Quarters 2

(PN 58760)

202 Washington	3,618	Yes	1899	\$169,000	-	-
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Operations/Utilities/Security - \$85,000; Total O&M - \$254,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel bathrooms (5 full bathrooms and one half baths) to include repair/replacement of the electrical and plumbing systems - \$100,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort Myer (Continued)**Quarters 6**

110 Grant Ave	7,365	Yes	1908	\$114,000	-	-
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Operations/Utilities/Security - \$100,500; Total O&M - \$214,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$25,000; exterior paint - \$40,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 7

(PN 58762)

106 Grant Ave	4,707	Yes	1909	\$169,000	-	-
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Operations/Utilities/Security - \$94,500; Total O&M - \$ 263,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$20,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel bathrooms (5 full bathrooms and one half baths) to include repair/replacement of the electrical and plumbing systems - \$100,000.

Quarters 8

102 Grant Ave	4,255	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$82,500; Total O&M - \$119,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 11A

(PN 76213)

321-A Jackson Ave	2,742	Yes	1892	\$141,000	-	-
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Operations/Utilities/Security - \$82,500; Total O&M - \$223,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$12,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel kitchen and all bathrooms (3 full bathrooms and one half bath) to include repair of the electrical and plumbing systems at Quarter #11 A - \$80,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort Myer (Continued)**Quarters 11B**

(PN 76214)

321-B Jackson Ave 2,951 Yes 1892 \$141,000 - -

Operations/Utilities/Security - \$82,500; Total O&M - \$223,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$12,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 12A

(PN 76219)

317-A Jackson Ave 2,701 Yes 1892 \$139,000 - -

Operations/Utilities/Security - \$82,500; Total O&M - \$221,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$10,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 12B

(PN 76220)

317-B Jackson Ave 2,774 Yes 1892 \$141,000 - -

Operations/Utilities/Security - \$82,500; Total O&M - \$223,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$12,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 13A

313-A Jackson Ave 1,980 Yes 1903 \$37,000 - -

Operations/Utilities/Security - \$69,500; Total O&M - \$106,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort Myer (Continued)**Quarters 13B**

313-B Jackson Ave	1,973	Yes	1903	\$37,000	-	-
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Operations/Utilities/Security - \$69,500; Total O&M - \$106,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 14A

(PN 76221)

309-A Jackson Ave	1,998	Yes	1903	\$141,000	-	-
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Operations/Utilities/Security - \$80,500; Total O&M - \$221,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy- \$25,000; interior paint - \$12,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 14B

(PN 76222)

309-B Jackson Ave	1,927	Yes	1903	\$115,000	-	-
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Operations/Utilities/Security - \$69,500; Total O&M - \$184,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 15A

305-A Jackson Ave	2,535	Yes	1908	\$64,000	-	-
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Operations/Utilities/Security - \$83,500; Total O&M - \$147,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort Myer (Continued)**Quarters 15B**

(PN 76223)

305-B Jackson Ave	2,324	Yes	1908	\$146,000	-	-
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Operations/Utilities/Security - \$83,500; Total O&M - \$229,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$17,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000

Quarters 16A

(PN 76224)

301-A Jackson Ave	2,463	Yes	1908	\$144,000	-	-
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Operations/Utilities/Security - \$83,500; Total O&M - \$227,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 16B

(PN 76225)

301-B Jackson Ave	2,463	Yes	1908	\$144,000	-	-
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Operations/Utilities/Security - \$83,500; Total O&M - \$227,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 19A

213-A Lee Ave	2,108	Yes	1932	\$64,000	-	-
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Operations/Utilities/Security - \$80,500; Total O&M - \$144,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort Myer (Continued)**Quarters 19B**

213-B Lee Ave	1,796	Yes	1932	\$64,000	-	-
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Operations/Utilities/Security - \$79,500; Total O&M - \$143,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 23A

(PN 76226)

228-A Lee Ave	2,778	Yes	1896	\$144,000	-	-
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Operations/Utilities/Security - \$84,500; Total O&M - \$228,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 24B

(PN 76227)

224-B Lee Ave	2,682	Yes	1896	\$144,000	-	-
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Operations/Utilities/Security - \$83,500; Total O&M - \$227,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; major repair project to remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

Quarters 25B

(PN 76228)

220-C Lee Ave	2,594	Yes	1896	\$145,000	-	-
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Operations/Utilities/Security - \$83,500; Total O&M - \$228,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$16,000; grounds maintenance - \$11,000; incidental improvements - \$3,000; remodel the kitchen and all bathrooms (3 full baths and one half bath) to include repairs to the electrical and plumbing systems - \$80,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Fort Myer (Continued)**Quarters 26A**

216-A Lee Ave	2,999	Yes	1896	\$64,000	-	-
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Operations/Utilities/Security - \$84,500; Total O&M - \$148,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 27A

212-A Lee Ave	3,715	Yes	1903	\$42,000	-	-
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Operations/Utilities/Security - \$78,500; Total O&M - \$120,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

Quarters 27B

212-B Lee Ave	2,718	Yes	1903	\$64,000	-	-
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Operations/Utilities/Security - \$86,500; Total O&M - \$150,500
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior paint - \$15,000; grounds maintenance - \$11,000; incidental improvements - \$3,000.

BELGIUM**(0.7212 EURO / 1 \$ budget rate)****NSSG/Chievres****1 Chateau Gendebien**

PQ 001	10,010	No	1892	\$66,700	-	-
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Operations/Utilities/Security - \$110,000; Total O&M - \$176,700
Maintenance and repairs including service calls - \$22,700; routine maintenance and repairs including change of occupancy maintenance - \$27,900 interior paint - \$10,700; self-help - \$5,400.

EU Avenue des Pins Noirs

PQ 017	2,691	No	1960	\$43,300	\$108,600	
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Operations/Utilities/Security - \$34,600; Total O&M - \$186,500
Maintenance and repairs including service calls - \$5,500; routine maintenance and repairs - \$14,300; interior paint - \$16,600; self help - \$400; grounds maintenance - \$6,500.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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NSSG/Chievres (Continued)**EU 1b Avenue des Becasses**

PQ 020	4,090	No	1965	\$43,800	\$91,800	-
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Operations/Utilities/Security - \$44,000; Total O&M - \$179,600

Maintenance and repairs including service calls - \$4,600; routine maintenance and repairs including change of occupancy - \$23,100; Interior paint - \$12,300; self help - \$ 400; grounds maintenance - \$3,400.

GERMANY**(0.7212 EURO / 1 \$ budget rate)****Garmisch****20 Riessersee Strasse**

(PN 76217)

	6,997	No	1914	\$238,300	-	-
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Operations/Utilities/Security - \$35,600; Total O&M - \$273,900

Maintenance and repairs including service calls - \$4,200; routine maintenance and repairs including change of occupancy - \$19,000; interior paint - \$10,400; self-help - \$300; grounds maintenance - \$4,400; major repair project to replace deteriorated original (dated 1911) ground floor windows - \$200,000.

Heidelberg**26 Rhein Strasse**

	4,612	No	1963	\$39,600	-	-
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Operations/Utilities/Security - \$48,800; Total O&M - \$88,400

Maintenance and repairs including service calls - \$9,100; routine maintenance and repairs including change of occupancy maintenance - \$20,600; interior paint - \$6,800; self-help - \$1,100; grounds maintenance - \$2,000.

Stuttgart**39 Richard Wagner Strasse**

	11,094	Yes	1921	\$57,500	-	-
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Operations/Utilities/Security - \$63,500; Total O&M - \$121,000

Maintenance and repairs including service calls - \$9,700; routine maintenance and repairs including change of occupancy maintenance - \$22,000; interior paint - \$5,800; self-help - \$700; grounds maintenance - \$19,300.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Stuttgart (Continued)**2441 Florida Strasse**

1,636	No	1957	\$39,200	-	-
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Operations/Utilities/Security - \$37,800; Total O&M - \$77,000

Maintenance and repairs including service calls - \$7,200; routine maintenance and repairs including change of occupancy maintenance - \$9,000; interior paint - \$4,000; self-help - \$400; grounds maintenance - \$500; major repair project to replace bathrooms - \$18,100.

2442 Florida Strasse

1,636	No	1957	\$39,600	-	-
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Operations/Utilities/Security - \$36,200; Total O&M - \$75,800

Maintenance and repairs including service calls - \$7,200; routine maintenance and repairs including change of occupancy maintenance - \$9,600; interior paint - \$3,800; self-help - \$400; grounds maintenance - \$500; major repair project to replace bathrooms - \$18,100.

2451 Florida Strasse

2,153	No	1957	\$39,100	-	-
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Operations/Utilities/Security - \$35,300; Total O&M - \$74,400

Maintenance and repairs including service calls - \$7,200; routine maintenance and repairs including change of occupancy maintenance - \$9,000; interior paint - \$3,900; self-help - \$400; grounds maintenance - \$500; major repair project to replace bathrooms - \$18,100.

KOREA**(1149.5059 WON/ 1 \$ budget rate)****Yongsan****4401 South Post**

(PN 69381)

3,825	No	1952	\$71,400	-	-
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Operations/Utilities/Security - \$26,400; Total O&M - \$97,800

Maintenance and repairs including service calls - \$4,000; routine maintenance and repairs including change of occupancy maintenance - \$8,600; interior paint - \$6,000; self-help - \$300; grounds maintenance - \$500; exterior utilities - \$1,000; incidental improvements - \$1,000; other real property -\$1,000; major repair project to replace windows and doors - \$50,000.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 GENERAL/FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Yongsan (Continued)
7085 South Post
 (PN 74768)

	2,001	No	1958	\$71,900	-	-
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Operations/Utilities/Security - \$20,300; Total O&M - \$92,200

Maintenance and repairs including service calls - \$3,000; routine maintenance and repairs including change of occupancy maintenance - \$10,600; interior painting - \$6,000; self-help - \$300; exterior utilities - \$1,000; incidental improvements - \$1,000; other real property - \$1,000; major repair project to replace roof - \$50,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)
Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit

State/Country	Installation_Name	Qtrs#	Year Built	NSF	Operations	Maintenance	Repair	Total M&R	Security	Total	Utilities	Leases	Total O&M
Belgium	NSSG/Chievres	PQ001/ 001	1892	10010	40,400	66,700	-	66,700	14,700	121,800	54,900	-	176,700
	NSSG/Chievres	PQ002/ 002	1967	3983	23,000	27,000	-	27,000	19,800	69,800	17,500	41,100	128,400
	NSSG/Chievres	PQ007/ 007	1930	3175	28,900	34,500	-	34,500	5,700	69,100	16,400	72,700	158,200
	NSSG/Chievres	PQ011/ 011	1953	4521	19,800	23,700	-	23,700	5,100	48,600	14,100	106,700	169,400
	NSSG/Chievres	PQ012/ 012	1956	3766	25,100	17,300	-	17,300	5,600	48,000	15,900	108,600	172,500
	NSSG/Chievres	PQ013/ 2177	1965	4951	18,300	20,400	-	20,400	4,700	43,400	15,900	116,500	175,800
	NSSG/Chievres	PQ017/ 017	1960	2691	14,500	43,300	-	43,300	4,700	62,500	15,400	108,600	186,500
	NSSG/Chievres	PQ020/ 020	1965	4090	24,200	43,800	-	43,800	5,000	73,000	14,800	91,800	179,600
	NSSG/Chievres	PQ024/ 024	1963	2431	26,500	17,900	-	17,900	4,500	48,900	12,100	49,500	110,500
	NSSG/Chievres	PQ030/ 030	2002	4306	17,400	14,600	-	14,600	5,200	37,200	11,400	51,400	100,000
	NSSG/Chievres	PQ031/ 031	2002	4306	14,800	25,500	-	25,500	5,200	45,500	12,600	51,400	109,500
	NSSG/Chievres	PQ032/ 032	2002	4306	26,500	27,100	-	27,100	5,200	58,800	16,900	51,400	127,100
	NSSG/Chievres	PQ033/ 033	2002	4306	26,300	28,200	-	28,200	5,200	59,700	9,900	48,700	118,300
Germany	Garmisch	835/ 000	1911	6997	22,700	38,300	200,000	238,300	-	261,000	12,900	-	273,900
	Grafenwoehr	P0110/ P110	1909	4098	4,600	18,300	12,700	31,000	-	35,600	9,400	-	45,000
	Heidelberg	3750/ 26	1963	4612	22,400	39,600	-	39,600	5,900	67,900	20,500	-	88,400
	Heidelberg	4757/ 26	1956	2342	14,500	30,500	-	30,500	700	45,700	7,200	-	52,900
	Heidelberg	4758/ 28	1956	2342	14,300	30,600	-	30,600	700	45,600	6,400	-	52,000
	Heidelberg	4759/ 30	1956	2342	13,800	30,600	-	30,600	700	45,100	6,300	-	51,400
	Stuttgart	2424/ 14	1957	1636	19,900	21,500	-	21,500	800	42,200	7,200	-	49,400
	Stuttgart	2426/ 16	1957	1636	20,300	17,000	-	17,000	900	38,200	6,400	-	44,600
	Stuttgart	2430/ 20	1957	1636	20,400	14,400	-	14,400	800	35,600	7,200	-	42,800
	Stuttgart	2436/ 26	1957	1636	21,000	19,600	-	19,600	900	41,500	7,700	-	49,200
	Stuttgart	2439/ 31	1957	1636	27,400	27,500	-	27,500	900	55,800	7,800	-	63,600
	Stuttgart	2441/ 33	1957	1636	29,400	21,100	18,100	39,200	900	69,500	7,500	-	77,000
	Stuttgart	2442/ 32	1957	1636	28,500	21,500	18,100	39,600	1,000	69,100	6,700	-	75,800
	Stuttgart	2444/ 34	1957	1636	14,900	7,600	18,700	26,300	900	42,100	8,300	-	50,400
	Stuttgart	2449/ 50	1957	2885	21,800	16,600	-	16,600	900	39,300	12,600	-	51,900
	Stuttgart	2451/ 44	1957	2153	24,500	21,000	18,100	39,100	900	64,500	9,900	-	74,400
Stuttgart	3404/ B2	1957	2100	20,800	15,300	-	15,300	800	36,900	7,200	-	44,100	
Stuttgart	3415/ 25	1957	2153	21,400	16,300	-	16,300	800	38,500	7,200	-	45,700	
Stuttgart	39/	1921	8179	33,000	57,500	-	57,500	6,500	97,000	24,000	-	121,000	
Korea	Camp Henry	CW0000/ 01S	1996	2100	6,800	19,400	13,200	32,600	-	39,400	8,600	-	48,000
	Camp Henry	CW0000/ 01S	1996	2100	6,800	19,400	13,200	32,600	-	39,400	8,600	-	48,000
	Yongsan	SP004/ 401	1952	3825	10,700	21,400	50,000	71,400	5,000	87,100	10,700	-	97,800
	Yongsan	SO070/ 85	1958	2001	8,700	21,900	50,000	71,900	-	80,600	11,600	-	92,200

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)
 Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit

State/Country	Installation_Name	Qtrs#	Year Built	NSF	Operations	Maintenance	Repair	Total M&R	Security	Total	Utilities	Leases	Total O&M
DC	Fort McNair	NPG01/ 001	1903	3184	35,500	42,000	-	42,000	1,000	78,500	42,600	-	121,100
	Fort McNair	NPG02/ 002	1905	3184	35,500	37,000	-	37,000	1,000	73,500	42,600	-	116,100
	Fort McNair	NPG03/ 003	1903	3184	45,500	74,000	-	74,000	1,000	120,500	42,600	-	163,100
	Fort McNair	NPG04/ 004	1903	3169	45,500	71,000	110,000	181,000	1,000	227,500	42,600	-	270,100
	Fort McNair	NPG05/ 005	1903	2876	35,500	37,000	-	37,000	1,000	73,500	42,600	-	116,100
	Fort McNair	NPG06/ 006	1903	2834	45,500	71,000	170,000	241,000	1,000	287,500	42,600	-	330,100
	Fort McNair	NPG07/ 007	1903	4436	45,500	69,000	-	69,000	1,000	115,500	44,000	-	159,500
	Fort McNair	NPG08/ 008	1903	4057	35,500	37,000	-	37,000	1,000	73,500	44,000	-	117,500
	Fort McNair	NPG09/ 009	1903	4278	35,500	37,000	-	37,000	1,000	73,500	42,600	-	116,100
	Fort McNair	NPG10/ 010	1903	3169	45,500	69,000	-	69,000	1,000	115,500	43,000	-	158,500
	Fort McNair	NPG11/ 011	1903	3169	45,500	69,000	50,000	119,000	1,000	165,500	42,000	-	207,500
	Fort McNair	NPG12/ 012	1903	3169	45,500	69,000	-	69,000	1,000	115,500	43,000	-	158,500
	Fort McNair	NPG13/ 013	1903	3169	45,500	69,000	-	69,000	1,000	115,500	43,000	-	158,500
	Fort McNair	NPG14/ 014	1903	3169	35,500	37,000	-	37,000	1,000	73,500	43,000	-	116,500
	Fort McNair	NPG15/ 015	1903	3169	45,500	69,000	50,000	119,000	1,000	165,500	43,000	-	208,500
FL	Miami/SOUTHCOM	3501/ SCCC	1947	4857	13,900	35,200	-	35,200	9,500	58,600	21,000	56,700	136,300
IL	Rock Island Arsenal	004/ 4	1872	4455	6,800	21,000	30,000	51,000	-	57,800	13,300	-	71,100
VA	Fort Monroe	118/ 118	1908	4666	15,300	31,000	-	31,000	-	46,300	13,700	-	60,000
	Fort Monroe	118/ 118	1908	4666	15,300	31,000	-	31,000	-	46,300	13,700	-	60,000
	Fort Monroe	119/ 119	1907	8134	18,200	17,800	-	17,800	-	36,000	15,100	-	51,100
	Fort Monroe	141/ 141	1910	3556	17,700	17,800	-	17,800	-	35,500	9,900	-	45,400
	Fort Monroe	101/ B	1906	3894	17,900	18,300	-	18,300	-	36,200	12,100	-	48,300
	Fort Monroe	102/ A	1906	3894	17,900	18,800	-	18,800	-	36,700	12,100	-	48,800
	Fort Monroe	124/ A	1909	4733	16,500	22,500	-	22,500	-	39,000	12,100	-	51,100
	Fort Monroe	124/ A	1909	4733	16,500	22,500	-	22,500	-	39,000	12,100	-	51,100
	Fort Monroe	125/ 125	1909	4666	17,500	17,800	-	17,800	-	35,300	10,400	-	45,700
	Fort Myer	PG001/ 001	1899	8460	45,500	79,000	-	79,000	1,000	125,500	58,500	-	184,000
	Fort Myer	PG002/ 002	1899	3618	43,000	69,000	100,000	169,000	1,000	213,000	41,000	-	254,000
	Fort Myer	PG005/ 005	1903	3405	35,500	34,000	-	34,000	1,000	70,500	41,000	-	111,500
	Fort Myer	PG006/ 006	1908	7365	45,500	114,000	-	114,000	1,000	160,500	54,000	-	214,500
	Fort Myer	PG007/ 007	1909	4707	45,500	69,000	100,000	169,000	1,000	215,500	48,000	-	263,500
	Fort Myer	PG008/ 008	1903	4255	35,500	37,000	-	37,000	1,000	73,500	46,000	-	119,500
	Fort Myer	PG011/ 11A	1892	2742	45,500	61,000	80,000	141,000	1,000	187,500	36,000	-	223,500
	Fort Myer	PG011/ 11B	1892	2951	45,500	61,000	80,000	141,000	1,000	187,500	36,000	-	223,500
	Fort Myer	PG012/ 12A	1892	2701	45,500	59,000	80,000	139,000	1,000	185,500	36,000	-	221,500
	Fort Myer	PG012/ 12B	1892	2774	45,500	61,000	80,000	141,000	1,000	187,500	36,000	-	223,500
	Fort Myer	PG013/ 13A	1903	1980	35,500	37,000	-	37,000	1,000	73,500	33,000	-	106,500

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)
Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit

State/Country	Installation_Name	Qtrs#	Year Built	NSF	Operations	Maintenance	Repair	Total M&R	Security	Total	Utilities	Leases	Total O&M
	Fort Myer	PG013/ 13B	1903	1973	35,500	37,000	-	37,000	1,000	73,500	33,000	-	106,500
	Fort Myer	PG014/ 14A	1903	1998	45,500	61,000	80,000	141,000	1,000	187,500	34,000	-	221,500
	Fort Myer	PG014/ 14B	1903	1927	35,500	35,000	80,000	115,000	1,000	151,500	33,000	-	184,500
	Fort Myer	PG015/ 15A	1908	2535	45,500	64,000	-	64,000	1,000	110,500	37,000	-	147,500
	Fort Myer	PG015/ 15B	1908	2324	45,500	66,000	80,000	146,000	1,000	192,500	37,000	-	229,500
	Fort Myer	PG016/ 16A	1908	2463	45,500	64,000	80,000	144,000	1,000	190,500	37,000	-	227,500
	Fort Myer	PG016/ 16B	1908	2463	45,500	64,000	80,000	144,000	1,000	190,500	37,000	-	227,500
	Fort Myer	PG023/ 23A	1896	2778	45,500	64,000	80,000	144,000	1,000	190,500	38,000	-	228,500
	Fort Myer	PG024/ 24B	1896	2682	45,500	64,000	80,000	144,000	1,000	190,500	37,000	-	227,500
	Fort Myer	PG025/ 25B	1896	2594	45,500	65,000	80,000	145,000	1,000	191,500	37,000	-	228,500
	Fort Myer	PG026/ 26A	1896	2999	45,500	64,000	-	64,000	1,000	110,500	38,000	-	148,500
	Fort Myer	PG027/ 27A	1903	3715	35,500	42,000	-	42,000	1,000	78,500	42,000	-	120,500
	Fort Myer	PG027/ 27B	1903	2718	45,500	64,000	-	64,000	1,000	110,500	40,000	-	150,500
	Fort Myer	PS019/ 19A	1932	2108	45,500	64,000	-	64,000	1,000	110,500	34,000	-	144,500
	Fort Myer	PS019/ 19B	1932	1796	45,500	64,000	-	64,000	1,000	110,500	33,000	-	143,500
Total		88			2,650,800	3,610,600	1,982,100	5,592,700	171,100	8,414,600	2,250,900	955,100	11,620,600

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
Privatized General and Flag Officers' Quarters
Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner
for Fiscal Year 2009
(Dollars in Thousands)

State/Country	Installation	Quarters ID	Year Built	Size NSF	Operation Cost (1)	Maintenance Cost (2)	Repair Cost (3)	Total FH O,M&R&A Cost
		Project Owner OMR expenditures did not exceed \$50K on any Army privatized GFOQ's						

NOTES:

- (1) Please place an asterisk (*) by the GFOQ units, where Utility Costs are included as part of Operation Costs.
- (2) Minor, Unscheduled Maintenance Costs.
- (3) Capital Repair and Recovery Costs.

Exhibit FH-12

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
General and Flag Officers' Quarters
6,000 NSF Units for Fiscal Year 2011
(Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Total FH O&M Cost	Alternative Use	Cost to Convert Unit	If O&M >\$35K Demolish & Rebuild Cost
Belgium	NSSG/Chievres	PQ001 / 001	1892	10,010	\$176.7	GFOQ is owned by the host nation.	N/A	N/A
Germany	Garmisch	835 / 000	1914	6,997	\$273.9	GFOQ is owned by the host nation.	N/A	N/A
	Stuttgart	039/39	1921	11,011	\$121.0	GFOQ is owned by the host nation. Congress directed the Army to retain this symbolic quarters in 2002 (C.R. 107-731)	N/A	N/A
Georgia	Fort McPherson	00010 / 000	1891	7,327	\$35.0	Fort McPherson is closing in accordance with BRAC 2005.	N/A	N/A
Virginia	Fort Monroe	119 / 119	1907	8,134	\$51.1	Fort Monroe is closing in accordance with BRAC 2005.	N/A	N/A
	Fort Myer	PG001 / 001	1899	8,460	\$184.0	The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 1	N/A	N/A
	Fort Myer	PG006 / 006	1908	7,365	\$214.5	The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 6	N/A	N/A
TOTAL:	7 GFOQ Units						\$.	\$.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
UTILITIES ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$ 69,655
FY 2010 Current Estimate	\$ 81,650
FY 2010 President's Budget Request	\$ 81,650

Utility requirements are estimated based on historic, per unit expenditures that are adjusted for non-pay and fuel inflation, and for foreign currency revaluation. Programmatic adjustments between the FY 2010 and FY 2011 estimates address a declining inventory partially offset by inflation and the weakened dollar.

This program provides for utility services for Army Family Housing. Services include electricity, natural gas, propane, steam/hot water, fuel oil, coal, water and sewage.

The Army continues to pursue the OSD goal to reduce energy consumption by three percent annually. Energy conserving repair and improvement projects completed in prior years will continue in helping to achieve the energy reduction goals.

Fuel price adjustments and non-pay inflation are computed at the OSD prescribed rates.

EFFECT OF PRIVATIZATION

This account does not pay for utilities at privatized sites.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

OPERATION ACCOUNT

UTILITIES, FY 2011

RECONCILIATION OF INCREASES AND DECREASES

EXHIBIT OP-5

				\$ In Thousands	
1.	FY 2010 President Budget Request			81,650	
2.	FY 2010 Current Estimate			81,650	
3.	Price Adjustments:			5,383	
	a. Non-Pay Inflation		1,994		
	b. Fuel Inflation		1,457		
	c. Currency Revaluation		1,932		
4.	Program Adjustments: Decrease due to inventory reduction.			-17,378	
5.	FY 2011 President Budget Request			69,655	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
UTILITIES (Continued)
Exhibit FH-10

Family Housing summary of Unit Detail		<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>
Total Cost of Utilities (\$000)		\$ 109,371	\$ 81,650	\$ 69,655
Utility Quantities:				
Electricity (KwH)		357,953,450	328,079,017	278,867,164
Heating:				
Gas (BBL)		5,634,202	4,326,218	3,677,285
Fuel Oil (BBLs)		68,378	69,788	59,320
Purchased Steam (MBTU)		2,658,496	2,140,198	1,819,168
Propane (BBLs)		9,553	4,618	3,926
Water (Kgal)		3,415,856	3,356,290	2,852,847
Sewage (Kgal)		3,152,170	2,347,584	1,995,446

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
LEASING ACCOUNT

(\$ in Thousands)

FY 2011 Budget Request	\$ 203,184
FY 2010 Current Estimate	\$ 205,685
FY 2010 President's Budget Request	\$ 205,685

PURPOSE AND SCOPE

The purpose of the leasing program is to provide Family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate housing that Soldiers can afford. The Army Family housing leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to Military Families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the lease contract.

The Army bases leasing requirements on projections submitted by installations. The requests are validated against historic execution and known programmatic changes including inflation and changes to foreign currency exchange rates.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$203,184 to fund leases and related expenses in FY 2011. A summary of the leasing program follows:

<u>Lease Type</u>	<u>FY 2009 (Actual)</u>		<u>FY 2010 (Current Est)</u>		<u>FY 2011 (Request)</u>	
	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>
Domestic	1,025	24,133	1,513	38,751	1,483	34,594
Section 2835	1,080	20,075	1,080	20,882	630	9,075
Foreign less GRHP	5,679	142,222	5,936	145,734	6,007	159,189
GRHP*	29	661	15	318	15	326
Total	7,813	187,091	8,544	205,685	8,135	203,184

*Government Rental Housing Program

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

LEASING ACCOUNT, (Continued)

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides temporary housing for Army Families pending availability of permanent housing. A moderate decrease in the number of domestic leases is expected in FY 2011. This will continue as local housing markets and RCI project build-outs catch up to local demand. It is expected that the number of independent duty leases for geographically displaced Soldiers and Army Families from the U.S. Army Recruiting Command, Cadet Command, and the Active Component/Reserve Component programs will remain relatively constant during FY 2011.

Section 2835: The Army began this program (formerly known as Section 801 housing) in 1987. The Army leased a total of 4,080 Family housing units from private sector developers for 20 years at 7 installations. This program reduced domestic Family housing deficits at installations where Army Families were most seriously affected by housing shortages. In FY 2011, there will only be 630 Section 2835 Leases remaining in effect and funds are requested to continue payment of lease costs and operation and maintenance expenses for these leases.

Foreign Leasing: The FY 2011 foreign leasing program request consists of 6,022 leased units, the majority of which are in Germany. This represents a slight increase in units leased in Europe due to extended stationing of Army personnel. The number of housing units in Korea is expected to remain stable as the consolidation of forces in Korea under the Yongsan Relocation Program (YRP) continues during FY 2011.

PROGRAM ADJUSTMENTS

The expiration of Section 2835 Leases is the significant and major program reduction factor. This is partially offset as the cost per unit to lease homes in Europe continues to rise.

EFFECT OF PRIVATIZATION

It is expected that the increase in housing stocks resulting from privatization project completions will reduce the need for leased Army Family housing.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

LEASING ACCOUNT, FY 2011						
RECONCILIATION OF INCREASES AND DECREASES						
EXHIBIT OP-5						
					\$ In Thousands	
1.	FY 2010 President Budget Request				205,685	
2.	FY 2010 Current Estimate				205,685	
3.	Program Adjustment:				-2,501	
	a. Decrease of domestic and section 2835 leases.			-15,964		
	b. Increase in foreign leased housing.			13,463		
4.	FY 2011 President Budget Request				203,184	

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY

	FY 2009 (Actual)			FY 2010 (Current Est)			FY 2011 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
<u>DOMESTIC LEASING</u>									
Independent Duty	601	7,212	14,048	600	7,200	14,138	600	7,200	14,199
Hattiesburg	128	1,536	2,615	128	1,536	2,637	128	1,536	2,769
Rock Island Arsenal	50	600	1,061	60	720	1,347	75	900	1,350
Fort Drum	100	1,200	2,278	100	1,200	3,028	50	600	1,472
Fort Riley	0	0	0	100	1,200	3,085	100	1,200	2,501
Fort Bliss	50	600	1,200	350	4,200	8,427	350	4,200	7,478
Fort Carson	0	0	0	100	1,200	2,185	100	1,200	2,251
Fort Wainwright	8	96	200	0	0	0	0	0	0
Miami FL	88	1,056	2,731	75	900	3,904	80	960	2,574
Subtotal Domestic	1,025	12,300	24,133	1,513	18,156	38,751	1,483	17,796	34,594
Section 2835 (801)									
Bliss	300	3,600	5,000	300	3,600	5,700	300	2,250	2,850
Bragg	250	3,000	3,967	250	3,000	4,155	250	3,000	4,249
Drum	300	3,600	4,800	300	3,600	7,059	0	0	0
McCoy	80	960	1,973	80	960	1,975	80	960	1,976
Wainwright	150	1,800	4,335	150	150	1,993	0	0	0
Subtotal Section 2835	1,080	12,960	20,075	1,080	11,310	20,882	630	6,210	9,075
Total Domestic Leasing	2,105	25,260	44,208	2,593	29,466	59,633	2,113	24,006	43,669

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

	FY 2009 (Actual)			FY 2010 (Current Est)			FY 2011 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
FOREIGN LEASING									
EUSA (Korea)									
Korea	1,048	12,576	23,501	962	11,544	23,448	962	11,544	26,807
GRHP	0	0	0	0	0	0	0	0	0
Total Korea	1,048	12,576	23,501	962	11,544	23,448	962	11,544	26,807
USAREUR									
Belgium	286	3,432	12,593	326	3,912	12,761	326	3,912	15,787
Germany	3,538	42,456	79,390	3,816	45,792	80,954	3,843	46,116	85,472
Italy	473	5,676	12,118	473	5,676	12,385	513	6,156	14,057
Netherlands	137	1,644	5,065	157	1,884	5,517	161	1,932	5,680
Subtotal USAREUR	4,434	53,208	109,166	4,772	57,264	111,617	4,843	58,116	120,996
GRHP	29	348	661	15	180	318	15	180	326
Total USAREUR	4,463	53,556	109,827	4,787	57,444	111,935	4,858	58,296	121,322
Other Foreign									
Albania	1	12	62	1	12	65	1	12	67
Armenia	1	12	62	1	12	64	1	12	67
Austria	4	48	179	4	48	181	4	48	184
Azerbaijan	1	12	40	1	12	41	1	12	43
Bangladesh	1	12	74	1	12	74	1	12	74
Belgium	2	24	111	2	24	114	2	24	118
Bosnia & Herzegovina	1	12	42	1	12	43	1	12	45
Botswana	1	12	50	1	12	50	1	12	50
Bulgaria	1	12	51	1	12	53	1	12	55
Cameroon	1	12	30	1	12	30	1	12	30
Croatia	1	12	58	1	12	60	1	12	62
Czech Republic	2	24	156	2	24	161	2	24	164
Denmark	2	24	140	2	24	145	2	24	150
Djibouti	1	12	42	1	12	46	1	12	58
Dominican Republic	3	36	95	3	36	95	3	36	95
Egypt	2	24	117	2	24	117	2	24	117

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

		FY 2009 (Actual)			FY 2010 (Current Est)			FY 2011 (Request)		
		Units	Lease		Units	Lease		Units	Lease	
FOREIGN LEASING	continued	Supported	Months	(\$000)	Supported	Months	(\$000)	Supported	Months	(\$000)
	Estonia	1	12	61	1	12	63	1	12	65
	Ethiopia	1	6	38	1	12	62	1	12	64
	France	4	48	224	4	48	231	4	48	245
	Gabon	1	12	98	1	12	57	1	12	59
	Georgia	1	12	46	1	12	48	1	12	49
	Germany (Unified)	3	36	147	3	36	150	3	36	160
	Ghana	2	24	157	2	24	124	2	24	128
	Greece	3	36	181	3	36	186	3	36	188
	Guyana	1	12	58	1	12	58	1	12	58
	Hungary	2	24	107	2	24	126	2	24	135
	India	1	12	30	1	12	30	1	12	30
	Indonesia	1	12	38	1	12	38	1	12	38
	Israel	2	24	107	2	24	111	2	24	115
	Italy	4	48	264	4	48	271	4	48	271
	Jamaica	1	12	52	1	12	57	1	12	60
	Jordan	3	36	115	3	36	115	3	36	132
	Kenya	14	168	710	14	168	712	14	168	723
	Korea	1	12	20	1	12	20	1	12	20
	Kosovo	1	12	64	1	12	66	1	12	69
	Kuwait	38	456	1,343	38	456	1,343	38	456	1,343
	Latvia	1	12	46	1	12	48	1	12	51
	Lithuania	1	12	69	1	12	71	1	12	72
	Macedonia	1	12	75	1	12	78	1	12	83
	Moldova	1	12	35	1	12	36	1	12	38
	Montenegro	1	12	46	1	12	47	1	12	48
	Morocco	3	36	207	3	36	198	3	36	204
	Nigeria	1	12	65	1	12	80	1	12	83
	Norway	2	24	149	2	24	155	2	24	161
	Oman	1	12	36	1	12	36	1	12	36

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

FOREIGN LEASING continued	FY 2009 (Actual)			FY 2010 (Current Est)			FY 2011 (Request)		
	Units	Lease	(\$000)	Units	Lease	(\$000)	Units	Lease	(\$000)
	Supported	Months		Supported	Months		Supported	Months	
Pakistan	1	12	30	1	12	30	1	12	30
Philippines	1	12	45	1	12	45	1	12	45
Poland	2	24	104	2	24	107	2	24	111
Portugal	1	12	59	1	12	60	1	12	62
Qatar	40	480	2,150	46	552	3,200	46	552	3,700
Romania	2	24	121	2	24	125	2	24	130
Russia	1	12	75	1	12	75	1	12	75
Senegal	3	36	156	3	36	127	3	36	131
Serbia and Montenegro	2	24	97	2	24	100	2	24	104
Slovakia	1	12	40	1	12	41	1	12	43
Slovenia	1	12	62	1	12	64	1	12	67
South Africa	1	12	49	1	12	60	1	12	63
Suriname	2	24	75	2	24	75	2	24	75
Tanzania	1	12	47	1	12	54	1	12	56
Tunisia	4	48	153	4	48	182	4	48	205
Turkey	11	132	356	10	120	321	10	120	335
Uganda	1	12	41	1	12	52	1	12	54
Ukraine	1	12	60	1	12	60	1	12	60
Total Other Foreign	197	2,358	9,555	202	2,424	10,669	202	2,424	11,386
Total Foreign Leasing	5,708	68,490	142,883	5,951	71,412	146,052	6,022	72,264	159,515
TOTAL LEASING	7,813	93,750	187,091	8,544	100,878	205,685	8,135	96,270	203,184

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
LEASING ACCOUNT (Continued)
FY 2011 SUMMARY SHEET FOR FOREIGN HIGH COST LEASES

<u>COUNTRY</u>	<u>TOTAL LEASES</u>	<u>HIGH COST LEASES</u>	<u>FOREIGN CURRENCY</u>	<u>FY 1988 EXCHANGE RATE</u>	<u>FY 2011 BUDGET RATE</u>	<u>FY 2011 THRESHOLD</u>
Belgium	326	14	Franc	42.77	0.7212 (Euro)	\$63,303
Netherlands	161	3	Guilder	2.33	0.7212 (Euro)	\$63,128

The threshold for classifying foreign leases as high cost leases is determined by first adjusting the \$20,000 authority for CPI changes. If the country is a member of the European Union (EU) then the CPI-adjusted \$20,000 (also \$25,000 in Italy) authority is multiplied by the conversion-to-Euro factor (FY 1988 currency rate divided by the official, permanent EU conversion rate) and then further adjusted by the current Euro budget rate. For non-EU countries, the CPI-adjusted \$20,000 (also \$25,000 and \$35,000 in Korea) authority is adjusted for exchange changes since FY 1988. Leases exceeding a country's threshold are counted against the Army's high cost lease allocation.

Example: Belgium Franc

<u>\$20K CPI Est. FY 2011</u>	<u>FY 1988 Rate</u>	<u>Permanent Belgium Franc to Euro Conversion Rate</u>	<u>FY 2011 Euro Budget Rate</u>	<u>FY 2011 High Cost Threshold</u>
\$43,060	x 42.77	÷ 40.3399	÷ 0.7212	= \$63,303

Note: Other Foreign Support Programs (which include Foreign Area Officer Leases, Offices of Defense Cooperation, and School of Other Nations Program leases) participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of Title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2834 of Title 10, United States Code.

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)

FY 2011 Budget Request	\$27,059
FY 2010 Current Estimate	\$31,789
FY 2010 President's Budget Request	\$31,789

MHPI Background

The Department of Army has employed the tools authorized by the Military Housing Privatization Initiatives (MHPI) legislation to implement an aggressive Family housing privatization program. The goal of this program is to improve the well being of Army Families by providing quality, affordable Family housing in the United States (U.S.) at locations where adequate local housing is not available. This program, the Residential Communities Initiative (RCI), is a key component of the Army's strategy to ensure long term sustainment of quality residential communities for Soldiers and their Families.

The Army selected highly qualified private sector business partners to construct, renovate, repair, maintain, and operate Family housing units, grounds, and other community facilities in the Family housing area. The Army and the developers negotiated comprehensive Community Development and Management Plans (CDMP). The CDMPs include the development scope and schedule, management and operations plan, and financing plan. Following Congressional approval of the CDMP, the Army and the developers executed final business agreements defining the partnerships. The agreements include ground leases of the Family housing footprint, conveyance of housing units and other facilities to the developers, and operating agreements describing the partners' responsibilities. Typically, the partnership agreement is for a 50-year period with a 25-year option. The Army maintains oversight of the project through a rigorous portfolio and asset management process. This process tracks compliance with the CDMP schedule for renovation and construction, and monitors the financial health and stability of the project.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)(Continued)

RCI Program Status

By the end of FY 2010, the Army will have transitioned Fort Richardson, AK to the Air Force, under Joint Basing. This will result in 85,700 privatized units at end-state at 44 Army locations, representing over 98% of the on-post Family housing inventory in the U.S. (see details at Exhibit FH-6). The total investment during the initial development period of these projects is about \$12.6 billion, of which the Army will have invested just over \$2.0 billion. The initial development period, which varies from 3 to 14 years, is the timeframe in which all inadequate homes in a project/installation will be renovated or replaced, and construction of additional units is completed.

FY 2011 marks the first full year of privatized operations of all scheduled installations. Also, oversight of the entire RCI program has moved into the Portfolio and Asset Management phase.

Construction Funds for MHPI

The Army Family Housing Construction (AFHC) budget request for FY 2011 includes \$35.0 million for government equity investment for increased replacement construction of Family housing privatization projects at the following two installations:

Carlisle Barracks, PA (Phase II)	\$ 15.0 million
Fort Eustis, VA (Phase II)	\$ 20.0 million

With the FY 2011 request, the Army will fund equity investment for the private sector to replace 56 and 125 homes at Carlisle Barracks and Ft. Eustis, respectively.

Explanation of AFHO Budget Request

The Army Family Housing Operations (AFHO) budget request for FY 2011 includes \$27.1 million for RCI program management, oversight and operations. Funding will support civilian pay, travel, and contracts for environmental and real estate functions, training, and real estate and financial consultant services. Pricing adjustment in the Exhibit OP-5 is based on OSD prescribed civilian pay inflation factors. The overall estimate is decreased from the FY 2010 budget request due to completion of all scheduled privatization actions and transfers due to Joint Basing.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2011 Budget Estimate
 Army Family Housing
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)(continued)

The budget request is based on cost factors associated with staffing and workload projections. Workload is driven by the number of projects in the post-privatization portfolio and asset management and the number of anticipated project major decision actions. The applied cost factors for work elements of each phase are based on experience and/or established fees.

The table below summarizes FY 2011 RCI program costs (\$ thousands).

Program/Project Management and Oversight	\$15,609
Environmental/Real Estate/Training (U.S. Army Corps of Engineers Services)	\$ 2,200
Real Estate and Finance Advisory Services	\$ 500
Portfolio Management Advisory Support	\$8,750
 Total	 \$27,059

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI), FY 2011					
RECONCILIATION OF INCREASES AND DECREASES					
EXHIBIT OP-5					
<u>\$ In Thousands</u>					
1.	FY 2010 President Budget Request				31,789
2.	FY 2010 Current Estimate				31,789
3.	Price Adjustments: Civilian Pay Inflation				148
4.	Program adjustments:				-4,878
	a. Reduction completion of all scheduled privatization actions			-2,922	
	b. Joint Basing Transfers			-1,956	
5.	FY 2011 President Budget Request				27,059

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Ft Carson, CO ⁵	Award	Loan Guarantee	\$197.431	50	1,823	Yr 1-5	Yr 1-5	1,663
	Sep-99					1,823	8	
	Transfer					Yr 6-50	Yr 6-50	
	Nov-99					1,237	1,823	
Ft Hood, TX	Award	Equity Investment	\$52.000	50	5,622	Yr 1-5	Yr 1-5	290
	Jun-00					1,624	684	
	Transfer					Yr 6-50	Yr 6-50	
	Oct-01					7,277	1,895	
Ft Lewis/ McChord AFB, WA (McChord, in Oct 08)	Award	Equity Investment	\$88.900	50	4,615	Yr 1-14	Yr 1-14	728 (Ft Lewis)
	Aug-00					3,027	849	
	Transfer					Yr 15-50	Yr 15-50	
	Apr-02					1,524	2,573	
Ft Meade, MD	Award	None	\$0.000	50	2,862	Yr 1-10	Yr 1-10	0
	Mar-01					1,509	856	
	Transfer					Yr 11-50	Yr 11-50	
	May-02					968	1,659	
Ft Bragg, NC (includes former Pope AFB in Dec 2007)	Award	Equity Investment	\$99.237	50	5,373	Yr 1-10	Yr 1-10	1,099
	May-02					2,625	1,204	
	Transfer					Yr 11-50	Yr 11-50	
	Aug-03					4,430	1,775	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Presidio of Monterey / Navy Postgraduate School, CA	Award Jul-02	None	\$0.000	50	2,268	Yr 1-10 328	Yr 1-10 1,028	0
	Transfer Oct-03					Yr 11-50 1,441	Yr 11-50 1,443	
Ft Stewart / Hunter Army Airfield, GA	Award Dec-02	Equity Investment	\$141.175	50	2,926	Yr 1-8 1,597	Yr 1-8 1,092	776 (Ft Stewart)
	Transfer Nov-03					Yr 9-50 2,098	Yr 9-50 3,852	
Ft Campbell, KY	Award Aug-02	Equity Investment	\$88.105	50	4,235	Yr 1-7 1,013	Yr 1-7 1,011	222
	Transfer Dec-03					Yr 8-50 3,684	Yr 8-50 1,741	
Ft Belvoir, VA	Award Sep-02	None	\$0.000	50	2,070	Yr 1-8 694	Yr 1-8 1154	36
	Transfer Dec-03					Yr 9-50 1190	Yr 9-50 916	
Ft Irwin / Moffett Fed Airfield / Parks RFTA, CA	Award Sep-02	Equity Investment	\$87.660	50	2,290	Yr 1-8 261	Yr 1-8 310	700 (514 Ft Irwin, 85 Moffett, 101 Parks)
	Transfer Mar-04					Yr 9-50 3,843	Yr 9-50 1,535	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Ft Hamilton, NY	Award Apr-03	Equity Investment	\$2.175	50	293	Yr 1-5 43	Yr 1-5 185	0
	Transfer Jun-04					Yr 6-50 228	Yr 6-50 0	
Ft Detrick, MD / Walter Reed Army Med Ctr, DC	Award Jul-03	Equity Investment	\$1.285	50	410	Yr 1-5 15	Yr 1-5 220	187 (Ft Detrick)
	Transfer Jul-04					Yr 6-50 1,174	Yr 6-50 151	
Ft Polk, LA	Award Apr-03	Equity Investment	\$72.042	50	3,466	Yr 1-10 2,303	Yr 1-10 382	339
	Transfer Sep-04	Loan Guarantee	\$10.350			Yr 11-50 2,303	Yr 11-50 781	
Ft Shafter / Schofield Barracks, HI	Award Aug-03	None	\$0.000	50	8,132	Yr 1-10 0	Yr 1-10 5,388	0
	Transfer Oct-04					Yr 11-50 7,508	Yr 11-50 8,666	
Ft Eustis / Ft Story, VA	Award Jan-03	Equity Investment	\$41.200	50	1,115	Yr 1-6 473	Yr 1-6 642	17 (Ft Eustis)
	Transfer Dec-04					Yr 7-50 0	Yr 7-50 1,944	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Ft Leonard Wood, MO	Award	Equity Investment	\$29.000	50	2,496	Yr 1-9	Yr 1-9	0
	Nov-03					936	472	
	Transfer					Yr 10-50	Yr 10-50	
	Mar-05					0	524	
Ft Sam Houston, TX	Award	Equity Investment	\$6.600	50	925	Yr 1-5	Yr 1-5	0
	Feb-04					434	181	
	Transfer					Yr 6-50	Yr 6-50	
	Mar-05					516	358	
Ft Drum, NY	Award	Equity Investment	\$127.000	50	2,272	Yr 1-7	Yr 1-7	1,397
	Dec-03					0	2	
	Transfer					Yr 8-50	Yr 8-50	
	May-05					3,334	2,270	
Ft Bliss, TX / White Sands Missile Range, NM	Award	Equity Investment	\$248.160	50	3,315	Yr 1-6	Yr 1-6	808 (Ft Bliss)
	May-04					677	1,288	
	Transfer					Yr 7-50	Yr 7-50	
	Jul-05					3,565	2,279	
Ft Benning, GA	Award	Equity Investment	\$55.150	50	3,945	Yr 1-10	Yr 1-10	255
	Sep-04					1,562	2,122	
	Transfer					Yr 11-50	Yr 11-50	
	Jan-06					4,211	3,707	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Ft Leavenworth, KS	Award	Equity Investment	\$15.000	50	1,578	Yr 1-9	Yr 1-9	5
	Dec-04					447	703	
	Transfer					Yr 10-50	Yr 10-50	
	Mar-06					1,271	444	
Ft Rucker, AL	Award	Equity Investment	\$24.000	50	1,512	Yr 1-8	Yr 1-8	0
	Dec-04					0	946	
	Transfer					Yr 9-50	Yr 9-50	
	Apr-06					547	309	
Ft Gordon, GA	Award	Equity Investment	\$9.000	50	876	Yr 1-6	Yr 1-6	204
	Apr-05					577	299	
	Transfer					Yr 7-50	Yr 7-50	
	May-06					495	570	
Carlisle Barracks, PA / Picatinny Arsenal, NJ	Award	Equity Investment	\$56.066	50	429	Yr 1-5	Yr 1-5	0
	Apr-04					63	180	
	Transfer					Yr 6-50	Yr 6-50	
	May-06					46	46	
Ft Riley, KS	Award	Equity Investment	\$123.000	50	3,114	Yr 1-10	Yr 1-10	400
	May-05					860	1,717	
	Transfer					Yr 11-50	Yr 11-50	
	Jul-06					2,685	1,145	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Redstone Arsenal, AL	Award	Equity Investment	\$0.590	50	453	Yr 1-3	Yr 1-3	0
	Sep-05					113	2	
	Transfer					Yr 4-50	Yr 4-50	
	Oct-06					233	0	
Ft Knox, KY	Award	Equity Investment	\$71.695	50	2,998	Yr 1-8	Yr 1-8	129
	Sep-05					1,042	850	
	Transfer					Yr 9-50	Yr 9-50	
	Dec-06					1,879	1,802	
Ft Lee, VA	Award	Equity Investment	\$32.769	50	1,206	Yr 1-4	Yr 1-4	287
	Sep-06					0	364	
	Transfer					Yr 5-50	Yr 5-50	
	Sep-07					1,493	842	
West Point, NY	Award	Equity Investment	\$22.000	50	961	Yr 1-8	Yr 1-8	0
	Mar-07					317	158	
	Transfer					Yr 9-50	Yr 9-50	
	Aug-08					1,179	377	
Ft Jackson, SC	Award	Equity Investment	\$58.900	50	1,162	Yr 1-5	Yr 1-5	0
	May-07					119	610	
	Transfer					Yr 6-50	Yr 6-50	
	Aug-08					2,542	234	
Ft Sill, OK ³	Award	Equity Investment	\$50.820	50	1,411	Yr 1-7	Yr 1-7	317
	Sep-07					810	193	
	Transfer					Yr 8-50	Yr 8-50	
	Nov-08					1,172	478	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FY 2011 Privatization Project Awards¹

Installation	Contract Award	Type of Financing	\$ M	Term Years	Units Conveyed	Renovate ²	Replace	Add
	Transfer Ops							
Ft Wainwright, AK / Ft Greely, AK ³	Award	Equity Investment	\$143.200	50	1,866	Yr 1-6	Yr 1-6	61 (Ft Wainwright)
	Jan-08					321	650	
	Transfer					Yr 7-50	Yr 7-50	
	Apr-09					3,667	288	
Ft Huachuca, AZ / Yuma Proving Grounds, AZ	Award	None	\$ 0	50	1,570	Yr 1-5	Yr 1-5	0
	Mar-08					57	201	
	Transfer					Yr 6-50	Yr 6-50	
	Apr-09					1,032	407	
Aberdeen Proving Grounds, MD ⁵	Award	Equity Investment	\$14.000	50	1,006	Yr 1-6	Yr 1-6	0
	May-08					162	210	
	Transfer					Yr 7-50	Yr 7-50	
	Dec-09					679	65	
Ft Richardson, AK ⁴	Award	Equity Investment	\$46.000	50	1,242	TBD	TBD	0
	TBD					TBD	TBD	
	Transfer					TBD	TBD	
	Sep-10					TBD	TBD	

¹ This table includes planned projects and additions to existing projects that will be awarded through FY 2011. See planned additions on Exhibit FH-6.

² This column includes number of major and medium renovations (minor renovations are excluded); repeat renovations of the same house are counted in the out years; out years reflect notional plans which will be revised as time progresses and conditions change.

³ Ft. Sill and Ft. Wainwright/Ft. Greely projects have only operationally transferred; renovation and replace numbers may change at closing.

⁴ Ft. Richardson will transfer to the Air Force housing in Sep 2010 and be subject to their housing privatization program; renovation and replace numbers are TBD.

⁵ Pending congressional approval.

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

Privatization Date	Installation/State	# Units Conveyed	End State # Units	Funding			Authorities* (See key below)
				Amount (\$M)	Budget Year(s)	Type	
Nov-99	Ft Carson	1,823	2,664	\$10.131	FY98	Construct	1,2,4
Oct-01	Ft Hood	5,622	5,912	\$52.000	FY96-99	Construct	2,4
Apr-02	Ft Lewis	3,637	3,987	\$0.000	N/A	N/A	4
May-02	Ft Meade	2,862	3,170	\$0.000	N/A	N/A	4
Aug-03	Ft Bragg	4,746	5,578	\$49.437	FY02	Improve	2,4
Oct-03	Presidio of Monterey	2,268	2,209	\$0.000	N/A	N/A	4
Nov-03	Ft Stewart(3,027)/Hunter AAF(675)	2,926	3,702	\$37.374	FY02	Improve	2,4
Dec-03	Ft Campbell	4,235	4,257	\$7.900	FY98	Improve	2,4
				\$52.205	FY02	Construct	2,4
Dec-03	Ft Belvoir	2,070	2,070	\$0.000	N/A	Improve	4
Mar-04	Ft Irwin(2,376)/Moffett(316)/Parks(114)	2,290	2,806	\$0.000	N/A	Improve	4
Jun-04	Ft Hamilton	293	228	\$2.175	FY02	Improve	2,4
Jul-04	WRAMC(242)/Ft Detrick(355)	410	597	\$1.285	FY02	Improve	2,4
Sep-04	Ft Polk	3,466	3,661	\$64.000	FY03	Improve	1,2,4
Oct-04	Ft Shafter/Schofield Bks	8,132	7,894	\$0.000	N/A	Improve	4
Dec-04	Ft Eustis(874)/Story(250)	1,115	1,124	\$14.800	FY03	Improve	2,4
Mar-05	Ft Leonard Wood	2,496	1,806	\$27.150	FY03	Improve	2,4
				\$1.850	FY05	Improve	
Mar-05	Ft Sam Houston	925	925	\$6.600	FY04	Improve	2,4
May-05	Ft Drum	2,272	3,115	\$52.000	FY04	Improve	2,4
Jul-05	Ft Bliss(3,203)/WSMR(205)	3,315	3,285	\$38.000	FY04	Improve	2,4
Jan-06	Ft Benning	3,945	4,000	\$55.150	FY05	Improve	2,4
Apr-06	Ft Bliss/WSMR (in lieu of MILCON)		123	\$31.000	FY05	Construct	2,4
				\$3.960	FY06		
Mar-06	Ft Leavenworth	1,578	1,583	\$15.000	FY05	Improve	2,4
Apr-06	Ft Rucker	1,512	1,476	\$24.000	FY05	Improve	2,4
May-06	Ft Gordon	876	1,080	\$9.000	FY05	Improve	2,4
May-06	Carlisle Bks(277)/Picatinny Arsnl(71)	429	348	\$0.494	FY02	Improve	2,4
				\$22.000	FY04	Improve	
				\$5.940	FY06	Construct	
				\$11.000	FY06	Improve	
Jul-06	Ft Riley	3,114	3,514	\$56.000	FY05	Construct	2,4
				\$67.000	FY06	Improve	
Sep-06	Ft Campbell Phase II		200	\$28.000	FY06	Construct	2,4
Oct-06	Redstone Arsenal	453	230	\$0.590	FY05	Improve	2,4
Nov-06	Ft Carson Phase II		396	\$0.000	N/A	Construct	4
Dec-06	Ft Knox	2,998	2,527	\$31.000	FY05	Improve	2,4

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

Privatization Date	Installation/State	# Units Conveyed	End State # Units	Funding			Authorities* (See key below)
				Amount (\$M)	Budget Year(s)	Type	
Jan-07	Ft Meade Restructure		-543	\$0.000	N/A	N/A	4
Feb-07	Ft Irwin Phase II Restructure		0	\$26.660	FY06	Improve	2,4
Aug-07	Ft Lee	1,206	1,493	\$19.305	FY06	Construct	2,4
				\$13.464	FY06	Improve	
Sep-07	Ft Bragg/Pope AFB (BRAC)	627	627	\$0.000	N/A	Improve	4
Nov-07	Carlisle Bks Land Sale			\$1.632	N/A	N/A	2
Jun-08	Ft Drum Phase II (AMF)		554	\$75.000	FY07	Construct	2,4
Aug-08	US Military Academy	961	824	\$22.000	FY07	Improve	2,4
Aug-08	Ft Jackson	1,162	850	\$58.900	FY08	Improve	2,4
Nov-08	Ft Sill	1,411	1,650	\$30.500	FY08	Improve	2,4
Dec-08	Lewis - McChord	978	712	\$16.200	FY08	Improve	2,4
Dec-08	Presidio of Monterey Restructure		-644	\$0.000	N/A	N/A	4
Apr-09	Ft Wainwright	1,740	1,409	\$25.000	FY08	Improve	2,4
	Ft Wainwright Phase II		104	\$30.000	FY09	Improve	
	Ft Greely	126	126	\$36.200	FY09	Improve	
Apr-09	Ft Huachuca(1,064)/Yuma Proving Ground(105)	1,570	1,169	\$0.000	N/A	Improve	4
May-09	Ft Belvoir		36	\$0.000	N/A	Improve	4
Dec-09	Ft Bliss Phase II		53	\$12.600	FY07	Construct	2,4
	Ft Bliss Deficit Construction		149	\$35.600	FY08		
Jan-10	Ft Irwin Phase III (AMF)		94	\$31.000	FY07	Improve	2,4
Jun-10	Ft Lewis Deficit Construction		378	\$72.700	FY08	Construct	2,4
Feb-10	Ft Polk Deficit Construction		144	\$18.392	FY10	Construct	2
Dec-09	Aberdeen Proving Ground	1,006	372	\$14.000	FY09	Improve	4
Dec-09	Ft Carson Deficit Construction		308	\$98.300	FY08	Construct	2,4
Jun-10	Ft Carson Deficit Construction ***		118	\$89.000	FY09	Construct	2,4
Jun-10	Ft Bliss Deficit Construction		513	\$127.000	FY09	Construct	2,4
Feb-10	Ft Stewart Deficit Construction ***		0	\$103.801	FY09	Construct	2,4
Mar-10	Ft Eustis/Story BRAC 2005		8	\$6.500	FY10	Construct	2
Apr-10	Ft Bragg Deficit Construction		256	\$44.400	FY08	Construct	2,4

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

Privatization Date	Installation/State	# Units Conveyed	End State # Units	Funding			Authorities* (See key below)
				Amount (\$M)	Budget Year(s)	Type	
Apr-10	Ft Bragg BRAC 2005		11	\$5.400	FY10	Construct	2
Apr-10	Ft Wainwright Phase III		176	\$52.000	FY10	Improve	2,4
Apr-10	Ft Knox Deficit Construction		129	\$13.995	FY10	Construct	2
Aug-10	Ft Irwin Phase IV		90	\$30.000	FY10	Improve	2,4
Sep-10	Ft Knox Phase II (Replacements Units)		0	\$26.700	FY10	Improve	2
Sep-10	Ft Sill Deficit Construction		78	\$20.320	FY10	Construct	2
Sep-10	Ft Richardson**	1,242	0	\$46.000	FY10	Improve	2,4
Oct-10	Ft Eustis/Story Phase II (Replacement Units)		0	\$20.000	FY11	Improve	2
Oct-10	Carlisle Brks Phase II (Replacement Units)		0	\$15.000	FY11	Improve	2
		81,837	85,711	\$2,014.610			

Authorities:

- 1) 2873 "Direct Loans and Loan Guarantees"
- 2) 2875 "Investments in Nongovernmental Entities"
- 3) 2877 "Differential Lease Payments"
- 4) 2878 "Conveyance or Lease of Existing Property and Facilities"

*Authorities may be subject to change as project is defined

** Ft. Richardson will transfer to the Air Force and be subject to their housing privatization program

*** End-states at Forts Carson and Stewart reflect reduction of FY 2009 authority of \$150M in the FY2010 NDAA

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing
REIMBURSABLE PROGRAM

(\$ in Thousands)

FY 2011 Budget Request	\$18,000
FY 2010 Current Estimate	\$18,000
FY 2009 President's Budget Request	\$18,000

The Reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing by authorized occupants, and damages caused by occupant negligence. This account provides authority to incur costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

The following table shows the source of receipts for the Family housing account.

	FY 2010 (Current Estimate)	FY 2011 (Budget Request)
Non-Federal Sources	14,467	14,467
Federal Sources	3,533	3,533

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Fiscal Year (FY) 2011 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY

Fiscal Year (FY) 2011 Budget Estimates

Homeowners Assistance Fund, Defense

**Justification Data Submitted to Congress
February 2010**

February 2010

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Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

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Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

SUMMARY

(In Thousands)
FY 2011 Program/Appropriation \$49,851/16,515
FY 2010 Program/Appropriation \$41,977/323,225

Program and Scope

This fund finances the Department of Defense Homeowners Assistance Program (HAP) which provides assistance to individual homeowners who sustain a loss on the sale of their primary residences due to a declining residential real estate markets attributable to the closure or realignment of military installations. HAP was established in recognition of the fact that base closure and realignment activity may result in serious economic impact on local communities. Military personnel and Federal civilian and Non-Appropriated Fund employees, who relocate as a result of base closure or realignment activity, are sometimes unable to dispose of their homes under reasonable terms and conditions resulting in financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses real estate market and overall economic conditions relative to the closure or reduction action, and includes analysis of area property values before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage(s). If the MIS demonstrates sufficient adverse impact on the market and establishes a causal relationship, a program may be implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Assistance and mitigation of financial loss may be provided through various actions which include payment of partial compensation for losses sustained in the private sale of the dwelling, payment of the costs of a judicial foreclosure of a mortgage, purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, all efforts are made to minimize acquisition activity. Any homes which require acquisition by the Government are then resold.

February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

Every effort is made to insure that each applicant is treated fairly and receives the maximum benefits under the law in a timely manner. The program is executed with a focus on maximum efficiency and overhead reduction; this focus is emphasized through review and innovation.

Program Summary

The FY 2011 budget requests authorization of appropriations and appropriations in the amount of \$16,515,000 to fund Homeowners Assistance Fund program expenses. Total program estimate for FY 2011 is \$49,851,523 and will be funded with requested budget authority, revenue from sales of acquired properties, and prior year unobligated balances. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumes mortgages; and administrative expenses.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. The Program Financial Summary chart that follows shows that the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, appropriation transfers, revenue from sale of acquired properties, and recovery of prior year obligations. The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not always replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, periodic appropriated funds are required to maintain its solvency as a revolving fund. In the past, Congress has authorized the transfer of funds from the BRAC account to the Homeowners Assistance Fund when BRAC programs cause HAP activity.

The FY2011 HAP financial condition requires a budget request of \$16,515,000 to fund the program requirements and maintain the fund's solvency. BRAC05 will result in increased program activity for HAP. Program activity and funding requirements for HAP are based on execution timelines and activity of BRAC05 related movement. The program may require transfer of additional funds from the BRAC account to fund the FY2011 program requirements. This estimate is based on analysis of activity related to BRAC05 resulting from base realignment, closure activity and other non-BRAC unit restationing. Department of Defense plans for infrastructure and staff reductions as well as unforeseen circumstances may increase HAP costs in the future.

February 2010

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 2011

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [\$323,225,000] \$16,515,000 to become available on October 1, 2010 and remain available until expended.

General Provision: Continue the annual provision of transfer authority from BRAC into HAP in the General Provisions of the Military Quality of Life and Veterans Affairs Appropriations Act.

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense**

(\$in Thousands)

The chart below is a summary of the funding for the FY2009, FY2010 and FY2011

PROGRAM FINANCIAL SUMMARY

	Actual FY 2009	Budget Enactment FY 2010	Budget Request FY 2011
HOMEOWNERS ASSISTANCE FUND, DEFENSE			
PROGRAM RESOURCES			
New Appropriation/TOA Requested	4,500	323,225	16,515
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	0	0	0
Total Budget Authority Requested	4,500	323,225	16,515
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD	4,317	213	308,512
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property*	1,220	27,051	29,384
Recovery of Prior Year Balances	265	0	0
TOTAL PROGRAM RESOURCES	10,302	350,489	354,411
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	1,683	5,294	6,681
Other Operating Cost	3,001	5,486	4,928
Acquisition of Real Property	5,405	31,197	38,242
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	10,089	41,977	49,851
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	213	308,512	304,560

*Revenue Earned and Collected held in a suspense account waiting to transfer to DFAS 30 Sep 09

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

FY 2011

	Budget Actual - FY 2009			Budget Enactment - FY 2010			Budget Request - FY 2011		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	4	554	138,500	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	21	4,484	213,524	171	30,977	181,152	152	37,892	249,289
(2) 2nd Mortgage	2	180	90,000	22	220	10,000	35	350	10,000
(3) Other Liens	2	187	93,500	0	0	0	0	0	0
c. Total: Payments	29	5,405	186,379	193	31,197	161,642	187	38,242	204,503
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		5,405			31,197			38,242	
2. EXPENSE									
a. Payments - Private Sales	84	1,638	19,500	259	4,347	16,784	250	5,631	22,524
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	0	2	40	20,000	2	97	48,500
d. Payments - Reimbursements/Refunds	11	45	4,091	213	907	4,258	228	953	4,180
e. Subtotal - Payments to Homeowners	95	1,683	17,716	474	5,294	11,169	480	6,681	13,919
f. Appraisals	330	194	588	386	225	583	432	182	417
g. Administrative Expense		2,088			2,403			1,939	
h. Total Expense - Acquisition		3,965			7,922			8,802	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	36	19	528	10	3	300	25	8	320
b. Interest/Taxes/Insurance	36	35	972	83	41	494	28	14	500
c. Sales Expense	7	234	33,429	183	1,179	6,443	175	1,270	7,257
d. Maintenance & Operating Expense	26	227	8,731	288	502	1,743	238	231	971
e. Administrative Expense		204			1,133			1,465	
f. Total Expense Management & Disposal		719			2,858			2,807	
4. TOTAL EXPENSE		4,684			10,780			11,609	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		10,089			41,977			49,851	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

FY 2011

BRAC PROGRAMS

	Budget Actual - FY 2009			Budget Enactment - FY 2010			Budget Request - FY 2011		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	4	554	138,500	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	21	4,484	213,524	171	30,977	181,152	152	37,892	249,289
(2) 2nd Mortgage	2	180	90,000	22	220	10,000	35	350	10,000
(3) Other Liens	2	187	93,500	0	0	0	0	0	0
c. Total: Payments	29	5,405	186,379	193	31,197	161,642	187	38,242	204,503
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		5,405			31,197			38,242	
2. EXPENSE									
a. Payments - Private Sales	84	1,638	19,500	238	3,297	13,853	239	5,081	21,259
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	0	2	40	20,000	2	97	48,500
d. Payments - Reimbursements/Refunds	11	45	4,091	213	907	4,258	228	953	4,180
e. Subtotal - Payments to Homeowners	95	1,683	17,716	453	4,244	9,369	469	6,131	13,072
f. Appraisals	330	194	588	361	200	554	430	180	419
g. Administrative Expense		1,092			2,315			1,875	
h. Total Expense - Acquisition		2,969			6,759			8,186	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	36	19	528	10	3	300	25	8	320
b. Interest/Taxes/Insurance	36	35	972	83	41	494	28	14	500
c. Sales Expense	7	234	33,429	183	1,179	6,443	175	1,270	7,257
d. Maintenance & Operating Expense	26	227	8,731	288	502	1,743	238	231	971
e. Administrative Expense		204			1,133			1,465	
f. Total Expense Management & Disposal		719			2,858			2,988	
4. TOTAL EXPENSE		3,688			9,617			11,174	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		9,093			40,814			49,416	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

FY 2011

NON-BRAC PROGRAMS

	Budget Actual - FY 2009			Budget Enactment - FY 2010			Budget Request - FY 2011		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	0	0	0	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	0	0	0	0	0	0	0	0	0
(2) 2nd Mortgage	0	0	0	0	0	0	0	0	0
(3) Other Liens	0	0	0	0	0	0	0	0	0
c. Total: Payments	0	0	0	0	0	0	0	0	0
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		0			0			0	
2. EXPENSE									
a. Payments - Private Sales	0	0	0	21	1,050	50,000	11	550	50,000
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	0	0	0	0	0	0	0
d. Payments - Reimbursements/Refunds	0	0	0	0	0	0	0	0	0
e. Subtotal - Payments to Homeowners	0	0	0	21	1,050	50,000	11	550	50,000
f. Appraisals	0	0	0	25	25	1,000	2	2	1,000
g. Administrative Expense		996			88			64	
h. Total Expense - Acquisition		996			1,163			616	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	0	0	0	0	0	0	0	0	0
b. Interest/Taxes/Insurance	0	0	0	0	0	0	0	0	0
c. Sales Expense	0	0	0	0	0	0	0	0	0
d. Maintenance & Operating Expense	0	0	0	0	0	0	0	0	0
e. Administrative Expense		0			0			0	
f. Total Expense Management & Disposal		0			0			0	
4. TOTAL EXPENSE		996			1,163			616	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		996			1,163			616	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

STATUS OF ACCOUNTS - PART I
FY 2009 Budget Actual

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS			
a. RESOURCES			
(1) Unobligated Balance Start of Year	4,317	0	4,317
(2) Appropriations	4,500	0	4,500
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	1,220	0	1,220
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	265	0	265
(8) Total	10,302	0	10,302
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	1,683	0	1,683
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	8,406	0	8,406
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	10,089	0	10,089
c. UNOBLIGATED BALANCE - END OF PERIOD	213	0	213

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense**

(\$in Thousands)

**STATUS OF ACCOUNTS - PART II
FY 2009 Budget Actual**

ITEM		TOTAL (\$000)
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		855
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		5,405
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		1,220
e. ON HAND, END OF YEAR		5,040
2. BORROWING ACCOUNT (MORTGAGES PAYABLE)		
a. BALANCE PAYABLE, START OF YEAR		0
b. VALUE OF MORTGAGES PAYABLE ASSUMED		0
c. LESS PAYMENTS ON PRINCIPAL:		
(1) Monthly Payments		0
(2) Mortgage Prepayment (Buydowns)		0
d. LESS VALUE OF MORTGAGES TRANSFERRED		0
e. SUBTOTAL - RETIREMENT OF DEBT		0
f. BALANCE PAYABLE - END OF PERIOD		0
3. NET EQUITY IN PROPERTY		5,040
4. RECAPITULATION FOR PROPERTIES SOLD*		
a. SALES PRICE	Total	Avg (\$)
b. LESS:	1,220	0
(1) Acquisition Price	6,260	0
(2) M&D Expense	496	0
c. NET GAIN OR (LOSS)	(5,536)	0

*Excludes Acquisition Administrative Expense

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

STATUS OF ACCOUNTS - PART I
FY 2010 Budget Enactment

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS			
a. RESOURCES			
(1) Unobligated Balance Start of Year	213	0	213
(2) Appropriations	323,225	0	323,225
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	27,051	0	27,051
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	350,489	0	350,489
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	5,294	0	5,294
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	36,683	0	36,683
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	41,977	0	41,977
c. UNOBLIGATED BALANCE - END OF PERIOD	308,512	0	308,512

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

STATUS OF ACCOUNTS - PART II
FY 2010 Budget Enactment

ITEM	TOTAL (\$000)	
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		5,040
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		31,197
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		27,051
e. ON HAND, END OF YEAR		9,186
2. BORROWING ACCOUNT (MORTGAGES PAYABLE)		
a. BALANCE PAYABLE, START OF YEAR		0
b. VALUE OF MORTGAGES PAYABLE ASSUMED		0
c. LESS PAYMENTS ON PRINCIPAL:		
(1) Monthly Payments		0
(2) Mortgage Prepayment (Buydowns)		0
d. LESS VALUE OF MORTGAGES TRANSFERRED		0
e. SUBTOTAL - RETIREMENT OF DEBT		0
f. BALANCE PAYABLE - END OF PERIOD		0
3. NET EQUITY IN PROPERTY		9,186
4. RECAPITULATION FOR PROPERTIES SOLD*	Total	Avg (\$)
a. SALES PRICE	27,051	2,732
b. LESS:		
(1) Acquisition Price	36,237	3,660
(2) M&D Expense	2,840	287
c. NET GAIN OR (LOSS)	(12,026)	(1,215)
*Excludes Acquisition Administrative Expense		

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

STATUS OF ACCOUNTS - PART I
FY 2011 Budget Request

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS			
a. RESOURCES			
(1) Unobligated Balance Start of Year	308,512	0	308,512
(2) Appropriations	16,515	0	16,515
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	29,384	0	29,384
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	354,411	0	354,411
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	6,681	0	6,681
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	43,170	0	43,170
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	49,851	0	49,851
c. UNOBLIGATED BALANCE - END OF PERIOD	304,560	0	304,560

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense**

(\$in Thousands)

**STATUS OF ACCOUNTS - PART II
FY 2011 Budget Request**

ITEM	TOTAL (\$000)		
1. PROPERTY ACCOUNT			
a. ON HAND, START OF YEAR	9,186		
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES	38,242		
c. VALUE OF MORTGAGES PAYABLE ASSUMED	0		
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD	29,384		
e. ON HAND, END OF YEAR	18,044		
2. BORROWING ACCOUNT (MORTGAGES PAYABLE)			
a. BALANCE PAYABLE, START OF YEAR	0		
b. VALUE OF MORTGAGES PAYABLE ASSUMED	0		
c. LESS PAYMENTS ON PRINCIPAL:			
(1) Monthly Payments	0		
(2) Mortgage Prepayment (Buydowns)	0		
d. LESS VALUE OF MORTGAGES TRANSFERRED	0		
e. SUBTOTAL - RETIREMENT OF DEBT	0		
f. BALANCE PAYABLE - END OF PERIOD	0		
3. NET EQUITY IN PROPERTY			18,044
4. RECAPITULATION FOR PROPERTIES SOLD*			
a. SALES PRICE	29,384	Total	Avg (\$)
b. LESS:			
(1) Acquisition Price	47,428		8,679
(2) M&D Expense	2,513		460
c. NET GAIN OR (LOSS)	(20,557)		(3,762)

*Excludes Acquisition Administrative Expense

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

WORK UNIT DATA
 FY 2009 Budget Actual

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	127	44	0	171
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	15	6	0	21
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	62	22	0	84
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	0	0	0	0
(7) Settlements - no payment due	0	0	0	0
(8) Other (Not Eligible or Application Withdrawn)	3	1	0	4
d. ON HAND - END OF PERIOD	47	15	0	62
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				4
b. ACQUIRED				21
c. DISPOSED OF				7
d. ON HAND - END OF PERIOD				18
3. MORTGAGES PAYABLE				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
4. OTHER DATA				
a. SECOND MORTGAGES LIQUIDATED				22
b. APPRAISALS MADE				4
c. APPEALS PROCESSED:				
(1) Approved				1
(2) Disapproved				2
(3) Pending				1

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense**

(\$in Thousands)

WORK UNIT DATA
FY 2010 Budget Enactment

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	47	15	0	62
b. RECEIVED	286	120	0	406
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	122	49	0	171
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	191	68	0	259
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	2	0	0	2
(7) Settlements - no payment due	8	7	0	15
(8) Other (Not Eligible or Application Withdrawn)	8	8	0	16
d. ON HAND - END OF PERIOD	2	3	0	5
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				18
b. ACQUIRED				171
c. DISPOSED OF				182
d. ON HAND - END OF PERIOD				7
3. MORTGAGES PAYABLE				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
4. OTHER DATA				
a. SECOND MORTGAGES LIQUIDATED				0
b. APPRAISALS MADE				2
c. APPEALS PROCESSED:				
(1) Approved				0
(2) Disapproved				0
(3) Pending				0

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

WORK UNIT DATA
FY 2011 Budget Request

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	2	3	0	5
b. RECEIVED	285	147	0	432
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	106	46	0	152
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	153	88	0	241
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	3	1	0	4
(7) Settlements - no payment due	4	4	0	8
(8) Other (Not Eligible or Application Withdrawn)	10	8	0	18
d. ON HAND - END OF PERIOD	11	3	0	14
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				7
b. ACQUIRED				152
c. DISPOSED OF				139
d. ON HAND - END OF PERIOD				20
3. MORTGAGES PAYABLE				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
4. OTHER DATA				
a. SECOND MORTGAGES LIQUIDATED				35
b. APPRAISALS MADE				459
c. APPEALS PROCESSED:				
(1) Approved				1
(2) Disapproved				0
(3) Pending				0

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

(\$in Thousands)

PROGRAM AND FINANCING FY 2011	Actual FY 2009 Obligations		Budget Enactment FY 2010 Obligations		Budget Request FY 2011 Obligations	
	Units	(000)	Units	(000)	Units	(000)
PAYMENTS TO HOMEOWNERS	95	1,638	474	5,294	480	6,682
OTHER OPERATING COSTS	435	3,046	950	5,486	898	4,928
ACQUISITION OF PROPERTIES	25	5,405	172	31,197	152	38,242
MORTGAGES ASSUMED	0	0	0	0	0	0
TOTAL PROGRAM		10,089		41,977		49,852
AVAILABLE FROM PRIOR YEAR		4,317		213		308,512
UNOBLIGATED BALANCES TRANSFERRED - OUT		0		0		0
ESTIMATED EARNED REVENUE		1,220		27,051		29,384
RETIREMENT OF DEBT		0		0		0
RECOVERY OF PRIOR YEAR OBLIGATIONS		265		0		0
AVAILABLE FOR OTHER YEARS		213		308,512		304,559
BUDGET AUTHORITY		0		0		0
AUTHORIZATION TO SPEND AGENCY DEBT RECEIPTS		0		0		0
APPROPRIATION		4,500		323,225		16,515
TRANSFER TO/FROM OTHER ACCOUNT		0		0		0
APPROPRIATION ADJUSTED		4,500		323,225		16,515

February 2010

DEPARTMENT OF ARMY
Fiscal Year (FY) 2011 Budget Estimates
Homeowners Assistance Fund, Defense

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