



# ***Department of the Army***

## ***Fiscal Year (FY) 2010***

### ***Budget Estimate***

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

**(Volume 1 of 2)**

**JUSTIFICATION DATA SUBMITTED TO CONGRESS  
May 2009**



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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	----- REQUEST	----- REQUEST	----- MISSION	----- PAGE
Alaska	Fort Richardson (IMCOM)				3
62835	Airborne Sustainment Training Complex	6,100	6,100	C	5
64756	Training Aids Center	2,050	2,050	C	8
71540	Warrior in Transition Complex	43,000	43,000	N	11
	Subtotal Fort Richardson Part I	\$ 51,150	51,150		
	Fort Wainwright (IMCOM)				15
61503	Railhead Complex	26,000	26,000	C	17
61507	Aviation Unit Operations Complex	19,000	19,000	N	20
65076	Aviation Task Force Complex, Ph 1	125,000	125,000	C	24
71541	Warrior in Transition Complex	28,000	28,000	N	28
	Subtotal Fort Wainwright Part I	\$ 198,000	198,000		
	* TOTAL MCA FOR Alaska	\$ 249,150	249,150		
Arizona	Fort Huachuca (IMCOM)				35
62363	UAV ER/MPEr/Mp	15,000	15,000	N	37
66441	Battalion Headquarters Uav	6,000	6,000	N	41
	Subtotal Fort Huachuca Part I	\$ 21,000	21,000		
	* TOTAL MCA FOR Arizona	\$ 21,000	21,000		
Arkansas	Pine Bluff Arsenal (AMC)				47
67106	Fuse & Detonator Magazine, Depot Level	25,000	25,000	C	49
	Subtotal Pine Bluff Arsenal Part I	\$ 25,000	25,000		
	* TOTAL MCA FOR Arkansas	\$ 25,000	25,000		
California	Fort Irwin (IMCOM)				55
64645	MOU Assault Course, Ph 4	9,500	9,500	C	57
	Subtotal Fort Irwin Part I	\$ 9,500	9,500		
	* TOTAL MCA FOR California	\$ 9,500	9,500		

DEPARTMENT OF THE ARMY  
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STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION PAGE
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Colorado	Fort Carson (IMCOM)				63
03676	Training Aids Center	18,500	18,500	C	65
65362	Brigade Complex	69,000	69,000	C	69
65471	Brigade Complex, Ph 1	102,000	102,000	C	73
65616	Railroad Tracks	14,000	14,000	C	77
70196	Warrior in Transition (WT) Complex	56,000	56,000	N	81
71693	Automated Qualification Training Range	11,000	11,000	N	84
72170	Modified Record Fire Range	4,450	4,450	N	88
72171	Automated Multipurpose Machine Gun Range	7,400	7,400	N	92
72172	Scout/RECCE Gunnery Complex	16,000	16,000	N	96
72173	Urban Assault Course	3,100	3,100	N	100
72177	Convoy Live Fire Range	6,500	6,500	N	103
72258	Commissary	35,000	35,000	N	106
73674	Barracks & Dining, Increment 2	0	60,000	N	110
	Subtotal Fort Carson Part I	\$ 342,950	402,950		
	* TOTAL MCA FOR Colorado	\$ 342,950	402,950		
Florida	Eglin Air Force Base (SAC)				
64990	Operations Complex, Ph 3	80,000	80,000	C	117
65212	Indoor Firing Range	8,900	8,900	C	121
65691	Live Fire Exercise Shootouse	8,000	8,000	C	124
65693	Live Fire Exercise Breach Facility	4,950	4,950	C	128
65694	Non-Standard Small Arms Range	3,400	3,400	C	131
65695	Grenade Launcher Range	1,600	1,600	C	135
65697	Hand Grenade Qualification Course	1,400	1,400	C	138
65698	Urban Assault Course	2,700	2,700	C	142
65700	Anti-Armor, Tracking & Live Fire Range	3,400	3,400	C	145
65701	Automated Qualification/Training Range	12,000	12,000	C	148
65705	Light Demolition Range	2,200	2,200	C	151
65706	Basic 10M - 25M Firing Range (Zero)	3,050	3,050	C	154
	Subtotal Eglin Air Force Base Part I	\$ 131,600	131,600		
	Miami-Doral (IMCOM)				
71311	SOUTHCOM Headquarters, Incr 3	0	55,400	C	159
	Subtotal Miami-Doral Part I	\$ 0	55,400		
	* TOTAL MCA FOR Florida	\$ 131,600	187,000		

DEPARTMENT OF THE ARMY  
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(DOLLARS ARE IN THOUSANDS)  
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STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Georgia		Fort Benning (IMCOM)			167
	62207	Combined Arms Collective Training Facility	10,800	10,800	C 169
	65034	Fire and Movement Range	2,800	2,800	C 173
	65250	Battle Lab	30,000	30,000	C 176
	65557	Training Area Tank Trails	9,700	9,700	C 180
	69150	Training Battalion Complex	38,000	38,000	N 183
	69151	Dining Facility	15,000	15,000	N 187
	69999	Warrior in Transition (WT) Complex	53,000	53,000	N 191
	70026	Training Battalion Complex, Ph 1	31,000	31,000	N 195
	70027	Training Battalion Complex, Ph 1	31,000	31,000	N 199
	72322	Trainee Barracks Complex, Ph 1	74,000	74,000	C 203
		Subtotal Fort Benning Part I	\$ 295,300	295,300	
		Fort Gillem (IMCOM)			207
	66011	Forensic Lab	10,800	10,800	C 209
		Subtotal Fort Gillem Part I	\$ 10,800	10,800	
		Fort Stewart (IMCOM)			213
	62033	Brigade Complex	93,000	93,000	N 215
	67027	Automated Sniper Field Fire Range	3,400	3,400	C 219
	69391	Warrior in Transition (WT) Complex	49,000	49,000	N 223
	73675	Barracks & Dining, Increment 2	0	80,000	N 226
		Subtotal Fort Stewart Part I	\$ 145,400	225,400	
		* TOTAL MCA FOR Georgia	\$ 451,500	531,500	
Hawaii		Schofield Barracks (IMCOM)			233
	55274	Vehicle Maintenance Shop	63,000	63,000	C 235
	55281	Vehicle Maintenance Shop	36,000	36,000	C 239
	69521	Warrior in Transition (WT) Barracks	55,000	55,000	N 242
	71553	Warrior in Transition Complex	30,000	30,000	N 245
		Wheeler Army Air Field			
	57179	Regional SATCOM Information Center	7,500	7,500	C 248
		Subtotal Schofield Barracks Part I	\$ 191,500	191,500	
		* TOTAL MCA FOR Hawaii	\$ 191,500	191,500	

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2010  
MILITARY CONSTRUCTION (Part I)  
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STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST		
-----	-----	-----	-----	-----	-----
Kansas	Fort Riley (IMCOM)				255
19389	Training Aids Center	15,500	15,500	C	257
64568	Advanced Waste Water Treatment Plant	28,000	28,000	C	261
64570	Igloo Storage, Installation	7,200	7,200	C	265
65133	Brigade Complex	49,000	49,000	C	268
65135	Battalion Complex	59,000	59,000	C	272
68792	Land Vehicle Fueling Facility	3,700	3,700	N	276
	Subtotal Fort Riley Part I	\$ 162,400	162,400		
	* TOTAL MCA FOR Kansas	\$ 162,400	162,400		
Kentucky	Fort Knox (IMCOM)				283
70180	Warrior in Transition (WT) Complex	70,000	70,000	N	285
	Subtotal Fort Knox Part I	\$ 70,000	70,000		
	* TOTAL MCA FOR Kentucky	\$ 70,000	70,000		
Louisiana	Fort Polk (IMCOM)				291
70128	Warrior in Transition (WT) Complex	32,000	32,000	N	293
74406	Land Purchases and Condemnation	17,000	17,000	N	296
	Subtotal Fort Polk Part I	\$ 49,000	49,000		
	* TOTAL MCA FOR Louisiana	\$ 49,000	49,000		
Maryland	Fort Detrick (MEDCOM)				301
57579	Satellite Communications Center	18,000	18,000	C	303
58625	Satellite Communications Facility	21,000	21,000	C	307
	Subtotal Fort Detrick Part I	\$ 39,000	39,000		
	* TOTAL MCA FOR Maryland	\$ 39,000	39,000		

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
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STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST	MISSION	-----
Missouri	Fort Leonard Wood (IMCOM)				315
54253	Automated-Aided Instruction Facility	27,000	27,000	C	317
69663	Wheeled Vehicle Drivers Course	17,500	17,500	C	321
71543	Warrior in Transition Complex	19,500	19,500	N	324
72523	Transient Advanced Trainee Barracks, Ph 1	99,000	99,000	N	328
	Subtotal Fort Leonard Wood Part I	\$ 163,000	163,000		
	* TOTAL MCA FOR Missouri	\$ 163,000	163,000		
New York	Fort Drum (IMCOM)				335
59247	Water System Expansion	6,500	6,500	C	337
64522	Barracks	57,000	57,000	C	340
70979	Warrior in Transition Complex	21,000	21,000	N	343
	Subtotal Fort Drum Part I	\$ 84,500	84,500		
	* TOTAL MCA FOR New York	\$ 84,500	84,500		
North Carolina	Fort Bragg (IMCOM)				349
16992	Vehicle Maintenance Shop	19,500	19,500	C	351
20347	Simulations Center	50,000	50,000	C	355
20807	Vehicle Maintenance Shop	17,500	17,500	C	359
65202	Company Operations Facility	3,300	3,300	N	363
65876	Transient Training Barracks Complex	16,500	16,500	C	367
68759	Automated Multipurpose Machine Gun	4,350	4,350	N	370
	Subtotal Fort Bragg Part I	\$ 111,150	111,150		
	Sunny Point Military Ocean Terminal (IMCOM)				375
61562	Towers	3,900	3,900	C	377
61564	Lightning Protection System	25,000	25,000	C	381
	Subtotal Sunny Point Military Ocean Terminal	P\$ 28,900	28,900		
	* TOTAL MCA FOR North Carolina	\$ 140,050	140,050		

DEPARTMENT OF THE ARMY  
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 MILITARY CONSTRUCTION (Part I)  
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STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Oklahoma	McAlester Army Ammunition Plant (AMC)				387
	McAlester AAP				
58350	High Explosive Magazine, Depot Level	1,300	1,300	C	389
66545	General Purpose Storage Building	11,200	11,200	C	392
	Subtotal McAlester Army Ammunition Plant Part I \$	12,500	12,500		
	Fort Sill (IMCOM)				395
62398	Automated Infantry Squad Battle Course	3,500	3,500	C	397
69330	Barracks	65,000	65,000	C	400
71538	Warrior In Transition Complex	22,000	22,000	N	403
	Subtotal Fort Sill Part I	\$ 90,500	90,500		
	* TOTAL MCA FOR Oklahoma	\$ 103,000	103,000		
South Carolina	Charleston Naval Weapons Sta (AMC)				
60092	Staging Area	4,100	4,100	C	409
61492	Railroad Tracks	12,000	12,000	C	412
61493	Pier and Loading/Unloading Ramps	5,700	5,700	C	415
	Subtotal Charleston Naval Weapons Sta Part I \$	21,800	21,800		
	Fort Jackson (IMCOM)				419
31354	Advanced Skills Trainee Barracks	32,000	32,000	C	421
59507	Modified Record Fire Range	3,600	3,600	C	424
69417	Training Battalion Complex	66,000	66,000	N	427
72369	Infiltration Course	1,900	1,900	N	431
	Subtotal Fort Jackson Part I	\$ 103,500	103,500		
	* TOTAL MCA FOR South Carolina	\$ 125,300	125,300		
Texas	Fort Bliss (IMCOM)				437
55361	Vehicle Maintenance Shop	16,000	16,000	C	439
61588	Brigade Staging Area Complex	14,800	14,800	C	443
63879	Digital Multipurpose Range Complex	45,000	45,000	C	447
64608	Fire and Military Police Stations	16,500	16,500	C	451

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2010  
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STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST	MISSION	
Texas	Fort Bliss (IMCOM) (CONT.)				437
64639	Aircraft Fuel Storage	10,800	10,800	N	455
71948	Vehicle Maintenance Shop	20,000	20,000	N	459
72161	Automated Sniper Field Fire Range	4,250	4,250	N	463
72163	Known Distance Range	4,750	4,750	N	466
72164	Automated Multipurpose Machine Gun Range	6,900	6,900	N	469
72165	Scout/RECCE Gunnery Complex	17,000	17,000	N	473
72167	Light Demolition Range	2,400	2,400	N	477
72168	Automated Infantry Platoon Battle Course	7,000	7,000	N	480
72169	Simulation Center	23,000	23,000	N	483
72665	Vehicle Maintenance & Company Ops Fac	31,000	31,000	N	487
	Subtotal Fort Bliss Part I	\$ 219,400	219,400		
	Fort Hood (IMCOM)				491
22772	Vehicle Maintenance Shop	23,000	23,000	C	493
57130	Urban Assault Course	2,400	2,400	C	497
71692	Automated Multipurpose Machine Gun Range	6,700	6,700	C	501
	Subtotal Fort Hood Part I	\$ 32,100	32,100		
	Fort Sam Houston (IMCOM)				505
64209	Access Control Point and Road Improvements	10,800	10,800	C	507
64221	General Instruction Building	9,000	9,000	C	511
	Subtotal Fort Sam Houston Part I	\$ 19,800	19,800		
	* TOTAL MCA FOR Texas	\$ 271,300	271,300		
Utah	Dugway Proving Ground (IMCOM)				517
55206	Water Treatment Systems	25,000	25,000	C	519
	Subtotal Dugway Proving Ground Part I	\$ 25,000	25,000		
	* TOTAL MCA FOR Utah	\$ 25,000	25,000		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2010  
MILITARY CONSTRUCTION (Part I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Virginia	Fort Belvoir (IMCOM)				525
62779	Flight Control Tower	8,400	8,400	C	527
63571	Road and Access Control Point	9,500	9,500	C	531
71149	Road and Infrastructure Improvements	20,000	20,000	C	535
	Subtotal Fort Belvoir Part I	\$ 37,900	37,900		
	Fort A P Hill (IMCOM)				539
67011	Automated Infantry Platoon Battle Course	4,900	4,900	C	541
67973	Field Training Area	9,000	9,000	N	544
68779	Training Aids Center	9,100	9,100	N	547
	Subtotal Fort A P Hill Part I	\$ 23,000	23,000		
	* TOTAL MCA FOR Virginia	\$ 60,900	60,900		
Washington	Fort Lewis (IMCOM)				553
41842	Live Fire Exercise Shootouse	2,550	2,550	C	555
63513	Animal Building	3,050	3,050	C	558
65935	Brigade Complex, Inc 4	0	102,000	C	562
66531	Modified Record Fire Range	4,100	4,100	C	566
	Subtotal Fort Lewis Part I	\$ 9,700	111,700		
	* TOTAL MCA FOR Washington	\$ 9,700	111,700		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 2,725,350	3,022,750		

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)  
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Afghanistan	Afghanistan Various (ARCENT)				
	Bagram Air Base				
69398	Fuel System Ph 6	12,000	12,000	N	573
69403	Fuel System Ph 7	5,000	5,000	N	577
71488	Coalition Operation Center	49,000	49,000	N	581
71489	Barracks	18,500	18,500	N	584
71491	APS Compound	38,000	38,000	N	587
71493	Perimeter Fence and Guard Towers	7,000	7,000	N	590
72095	Aviation Support Facility	2,600	2,600	N	593
72126	Command and Control Facility	38,000	38,000	N	596
	Subtotal Afghanistan Various Part I	\$ 170,100	170,100		
	* TOTAL MCA FOR Afghanistan	\$ 170,100	170,100		
Germany	Germany Various (IMCOM)				601
	Ansbach				
63394	Barracks	17,500	17,500	C	603
69616	Barracks	14,200	14,200	C	606
	Kaiserslautern Kleber Kaserne				
66596	Barracks	20,000	20,000	C	609
	Kaiserslautern Landstuhl Hospital				
70000	Warrior in Transition (WT) Complex	25,000	25,000	N	612
	Subtotal Germany Various Part I	\$ 76,700	76,700		
	* TOTAL MCA FOR Germany	\$ 76,700	76,700		
Italy	Italy Various (IMCOM)				619
	Vicenza Vicenza City				
70825	Bde Complex - Operations Spt Fac, Incr 3	0	23,500	C	621
70828	Bde Complex - Barracks/Community, Incr 3	0	22,500	C	626
	Subtotal Italy Various Part I	\$ 0	46,000		
	* TOTAL MCA FOR Italy	\$ 0	46,000		

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)  
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			NEW/ CURRENT	
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	MISSION	PAGE
		-----	-----	-----	-----
Japan	Japan Various (IMCOM)				633
	Sagami				
71117	Training Aids Center	6,000	6,000	C	635
	Subtotal Japan Various Part I	\$ 6,000	6,000		
	Okinawa Various (USARPAC)				639
71118	Training Aids Center	6,000	6,000	C	639
	Subtotal Okinawa Various Part I	\$ 6,000	6,000		
	* TOTAL MCA FOR Japan	\$ 12,000	12,000		
Korea	Korea Various (IMCOM)				645
	Camp Humphreys				
56656	Vehicle Maintenance Shop	19,000	19,000	C	647
58399	Vehicle Maintenance Shop	18,000	18,000	C	651
60783	Fire Stations	13,200	13,200	C	655
	Subtotal Korea Various Part I	\$ 50,200	50,200		
	* TOTAL MCA FOR Korea	\$ 50,200	50,200		
Kuwait	Kuwait Various (FORSCOM)				
	Camp Arifjan				
71485	APS Warehouses	82,000	82,000	N	661
	Subtotal Kuwait Various Part I	\$ 82,000	82,000		
	* TOTAL MCA FOR Kuwait	\$ 82,000	82,000		
	** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 391,000	437,000		

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)  
 WORLDWIDE

STATE	INSTALLATION (COMMAND)			PAGE
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	-----
-----	-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES)			
	Planning and Design Host Nation			
62154	Host Nation Support FY 10	0	25,000	667
62152	Planning & Design FY10	0	153,029	669
		-----	-----	
	Subtotal Planning and Design Part I	\$ 0	178,029	
	Minor Construction (MINOR)			
62166	Minor Construction FY 10	0	23,000	671
		-----	-----	
	Subtotal Minor Construction Part I	\$ 0	23,000	
	* TOTAL MCA FOR Worldwide Various	\$ 0	201,029	
	** TOTAL WORLDWIDE FOR MCA	\$ 0	201,029	
	MILITARY CONSTRUCTION (Part I) TOTAL	\$ 3,116,350	3,660,779	
	Total Cost of New Mission Projects	(58)	\$ 1,567,500	
	Total Cost of Current Mission Projects	(87)	\$ 1,892,250	
	Total Cost of other line items	(3)	\$ 201,029	
	Total Cost of FY 2010 MCA Projects	(148)	\$ 3,660,779	

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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (Part I) FY 2010

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Installation Management Command	2,487,950	2,785,350
Strategic Air Command	131,600	131,600
US Army Materiel Command	59,300	59,300
US Army Health Services Command	39,000	39,000
US Army Pacific	7,500	7,500
OUTSIDE THE UNITED STATES		
US Army Central	170,100	170,100
US Army Forces Command	82,000	82,000
US Army Installation Management Command	132,900	178,900
US Army Pacific	6,000	6,000
WORLDWIDE		
Military Construction, Army Minor	0	23,000
Planning and Design	0	178,029
 TOTAL	 3,116,350	 3,660,779

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Budget Summary  
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>
2010	\$3,660,779,000
2009	\$4,615,920,000
2008	\$4,039,197,000

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, Brigade Combat Teams, 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 2010 will be used to design projects in the Army's Fiscal Years 2011 and 2012 programs.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2010

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, \$3,660,779,000, to remain available until September 30, 2014: Provided, That of this amount, not to exceed \$178,029,000 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.

## Items of Interest-Authorizing Committees

### Various Committees

#### Planning and Design

The Committees directed that funds for planning and design be expended for the following active Army projects:

State	Location	Project	\$000	Status
The <b>House</b> provided the following directives for planning and design funds:				
VA-MCA	Fort Meyer	Hatfield Gate Expansion	300	Design authorized on 20 March 2009
KY-MCA	Fort Campbell	Installation Chapel Center	630	Under Design
MO-MCA	Fort Leonard Wood	Soldier Readiness Processing Center	648	Design authorized on 20 March 2009
The <b>Senate</b> directed that funds be expended for planning and design of the following active Army projects:				
KY-MCA	Fort Campbell	Installation Chapel Center	630	Design authorized on 20 March 2009
MO-MCA	Fort Leonard Wood	Soldier Readiness Processing Center	648	Design authorized on 20 March 2009

#### Incremental and Phased Projects

On page 537 (Senate Armed Services Committee Report 110-77) 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 FY10 Budget Request. The following phased or incrementally funded projects include the information requested:

<u>ST</u>	<u>Location</u>	<u>Description</u>
Alaska	Fort Wainwright	Aviation Task Force Complex Ph 1
California	Fort Irwin	MOUT Assault Course Ph 4
Colorado	Fort Carson	Brigade Complex Ph 1 Barracks & Dining Incr 2

Special Program Considerations

<u>ST</u>	<u>Location</u>	<u>Description</u>
Florida	Eglin Air Force Base	Operations Complex Ph 3
	Miami-Doral	Southcom HQ Incr 3
Georgia	Fort Benning	Training Battalion Complex Ph 1
		Training Battalion Complex Ph 1
		Trainee Barracks Complex Ph 1
	Fort Stewart	Barracks & Dining Incr 2
Missouri	Fort Leonard Wood	Transient Adv Trainee Barracks Ph 1
Washington	Fort Lewis	Brigade Complex Incr 4
<u>Country</u>	<u>Location</u>	<u>Description</u>
Afghanistan	Bagram Air Field	Fuel System Ph 6
	Bagram Air Field	Fuel System Ph 7
Italy	Vicenza	Brigade Complex, Operations
		Support Facility Incr 3
		Brigade Complex, Barracks/Community, Incr 3

**Requirement for Additional Scope Authorization, FY 2009 Projects.**

There are two FY 2009 projects that, due to technical errors on the DD Forms 1391, did not have the correct scope identified. The additional scope can be executed within the existing programmed amounts for each project. Further explanations are provided below.

<u>ST</u>	<u>Location</u>	<u>Description</u>	<u>Correct Scope</u>
CA	Fort Irwin	MOUT Assault Course Ph 3	97,020 SF
NC	Fort Bragg	Chapel	22,600 SF

**Fort Irwin MOUT Assault Course Ph 3 (FY09).**

In FY 2009, the Congress authorized \$22.1 million for phase 3 of a Military Operations Urban Terrain project. The project justification document (DD Form 1391) for this project erroneously identified only 58,884 square feet of facilities, when the correct scope should have been 97,020 square feet. The Army awarded phase 3 at the scope authorized (58,884 square feet), and added the lost scope to the project justification for phase 4 of this project, FY 2010, MOUT Assault Course, Ph 4 (Project Number 64645), requested in the FY10 Budget on page 57. No additional funds will be required for this lost scope, as sufficient FY09 funds remain available from the FY09 project, Military Operations Urban Terrain, Ph 3 (Project Number 60255).

**Fort Bragg Chapel (FY09)**

In FY 2009, the Congress authorized \$11.6 million for construction of a 400 person capacity chapel. Inadvertently, the project justification document (DD Form 1391) approved by the Congress showed a scope of 18,400 square feet instead of 22,600 square feet as required for a chapel of this size. In order to correct this, the Army will seek, at the next opportunity, revised authority to execute this project at 22,600 square feet. A revised DD Form 1391 is provided at page xxi. No additional funds will be required for this project.

1. COMPONENT  ARMY		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 28 APR 2009 28 APR 2009			
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Chapel Center					
5. PROGRAM ELEMENT		6. CATEGORY CODE 730 17	7. PROJECT NUMBER 75014		8. PROJECT COST (\$000) 11,600			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY								7,694
Chapel Center					SF	22,600	326.89	(7,388)
EMCS Connections					LS	--	--	(36)
SDD and EPAct05					LS	--	--	(100)
Antiterrorism Measures					LS	--	--	(100)
Building Information Systems					LS	--	--	(70)
SUPPORTING FACILITIES								2,438
Electric Service					LS	--	--	(219)
Water, Sewer, Gas					LS	--	--	(28)
Paving, Walks, Curbs And Gutters					LS	--	--	(459)
Storm Drainage					LS	--	--	(500)
Site Imp(1,140) Demo()					LS	--	--	(1,140)
Information Systems					LS	--	--	(29)
Antiterrorism Measures					LS	--	--	(52)
Mass Notification System					LS	--	--	(11)
ESTIMATED CONTRACT COST								10,132
CONTINGENCY (5.00%)								507
SUBTOTAL								10,639
SUPERVISION, INSPECTION & OVERHEAD (5.70%)								606
DESIGN/BUILD - DESIGN COST (4.0000%)								426
TOTAL REQUEST								11,671
TOTAL REQUEST (ROUNDED)								11,600
INSTALLED EQT-OTHER APPROPRIATIONS								(564)
10. Description of Proposed Construction Construct a standard design Army chapel center with seating capacity of 400 persons. The project will consist of a worship and activity center, expansion area, gathering area/lobby, clergy and staff offices; baptistry and sacristy suites, meditation and reconciliation room, kitchen w/pantry, choir room with storage, sound room, resource room, multi-purpose rooms, classrooms, nursing mothers room and nursery, storage areas, canopy, and vestibules. The building will require energy monitoring and control system connection, installation of intrusion detection and alarm system, fire detection and suppression system; and mass notification system. Supporting facilities include utilities (water, sewer, natural gas, electrical), outside worship areas, paving, POV parking, sidewalks, curbs and gutters, storm drainage, erosion control, and site improvements. Air conditioning and heating will be provided by self contained units inside the facility. A controlled access road will connect service areas to parking lot. Comprehensive building and furnishings interior design services are required. The project threat assessment and analysis identifies additional protective requirements above minimum standards to meet perceived vehicular bomb and ballistics tactics. Building features include large window/door glass front protection, heavy door and frame construction,								

1. COMPONENT  ARMY	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 28 APR 2009 28 APR 2009
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3. INSTALLATION AND LOCATION  
Fort Bragg  
North Carolina

4. PROJECT TITLE  Chapel Center	5. PROJECT NUMBER  75014
---------------------------------------	--------------------------------

Description of Proposed Construction: (CONTINUED)  
additional internal door/window framing, and additional wall/roof connections. Supporting facilities are high due to POV parking requiring underground stormwater retention/detention areas; and large pavement demolition requirement. Air Conditioning (Estimated 125 Tons).

11. REQ: 316,150 SF ADQT: 43,678 SF SUBSTD: 19,122 SF  
PROJECT:  
Construct a standard design Army chapel center. (Current Mission)

REQUIREMENT:  
This project is required to provide a permanent chapel center for religious worship, education and counseling in support of soldiers and their families living in the communities at Fort Bragg.

CURRENT SITUATION:  
The 82d Airborne Division soldiers and their families worship in fragmented Korean and Vietnam era religious facilities on Fort Bragg. The existing chapels do not provide the facilities for congregational gatherings, moral and cultural development, classrooms, family support groups, and counseling. Congregations and religious educational groups meet in temporary space supplied by the Schools and units throughout the Post. A permanent facility of this type does not exist within the 82d Airborne Division area of Fort Bragg. The closest religious facility of this type is the Waters Center located 3.5 miles away.

IMPACT IF NOT PROVIDED:  
If this project is not provided, the morale of 82d Airborne Division soldiers and families will be adversely impacted, especially during crises, deployments, and religious holidays. Fort Bragg will continue to conduct religious services and education for its 82d Airborne Division soldiers in small, inefficient, and obsolete structures. The soldiers and their families will continue to worship in small dilapidated facilities or maybe not attend at all limiting the effectiveness of the unit ministry teams to reach today's young soldiers.

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. Provisions will be made for persons with disabilities if applicable.

1. COMPONENT  ARMY	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 28 APR 2009 28 APR 2009
--------------------------	--	---------------------------------------

3. INSTALLATION AND LOCATION  
Fort Bragg  
North Carolina

4. PROJECT TITLE  Chapel Center	5. PROJECT NUMBER  75014
---------------------------------------	--------------------------------

DAVID G. FOX  
COL, SF  
Garrison Commander

ESTIMATED CONSTRUCTION START:	MAR 2009	INDEX: 2468
ESTIMATED MIDPOINT OF CONSTRUCTION:	OCT 2009	INDEX: 2488
ESTIMATED CONSTRUCTION COMPLETION:	JUN 2010	INDEX: 2505

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May 2009

Military Construction Army  
FY2010 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](http://Expectmore.gov) website.

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Alaska	Fort Richardson (IMCOM)				3
62835	Airborne Sustainment Training Complex	6,100	6,100	C	5
64756	Training Aids Center	2,050	2,050	C	8
71540	Warrior in Transition Complex	43,000	43,000	N	11
	Subtotal Fort Richardson Part I	\$ 51,150	51,150		
	Fort Wainwright (IMCOM)				15
61503	Railhead Complex	26,000	26,000	C	17
61507	Aviation Unit Operations Complex	19,000	19,000	N	20
65076	Aviation Task Force Complex, Ph 1	125,000	125,000	C	24
71541	Warrior in Transition Complex	28,000	28,000	N	28
	Subtotal Fort Wainwright Part I	\$ 198,000	198,000		
	* TOTAL MCA FOR Alaska	\$ 249,150	249,150		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009					
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 31 OCT 2008			843	5968	833	0	50	0	25	66	1902	9,687
B. END FY 2015			1127	7633	644	0	82	0	55	84	1732	11,357
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.....									387,514			
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....									51,150			
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....									TBD			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....									TBD			
G. REMAINING DEFICIENCY.....									TBD			
H. GRAND TOTAL.....									TBD			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:												
CATEGORY		PROJECT		PROJECT TITLE			COST		DESIGN STATUS			
CODE	NUMBER						(\$000)	START	COMPLETE			
171	62835	Airborne Sustainment Training Complex					6,100	10/2007	10/2009			
141	64756	Training Aids Center					2,050	04/2008	05/2010			
721	71540	Warrior in Transition Complex					43,000	03/2008	08/2010			
TOTAL							51,150					
9. FUTURE PROJECT APPROPRIATIONS:												
CATEGORY		PROJECT TITLE			COST							
CODE						(\$000)						
A. REQUESTED IN THE FY 2011 PROGRAM:							TBD					
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):							TBD					
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):							TBD					
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 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Richardson Alaska				4. PROJECT TITLE Airborne Sustainment Training Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 171	7. PROJECT NUMBER 62835		8. PROJECT COST (\$000) Auth 6,100 Approp 6,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,135
Organizational Classroom		m2 (SF)	464.52 (	5,000)	3,612	(1,678)
Special Foundation		m2 (SF)	92.90 (	1,000)	214.38	(20)
PLF Pits		EA	8 --		44,824	(359)
C130 Mockup Jump Tower		EA	2 --		129,482	(259)
C17 Mockup Jump Tower		EA	6 --		189,250	(1,136)
Total from Continuation page						(683)
<u>SUPPORTING FACILITIES</u>						1,323
Electric Service		LS	--		--	(361)
Water, Sewer, Gas		LS	--		--	(120)
Paving, Walks, Curbs & Gutters		LS	--		--	(46)
Storm Drainage		LS	--		--	(66)
Site Imp( 584) Demo( )		LS	--		--	(584)
Information Systems		LS	--		--	(146)
ESTIMATED CONTRACT COST						5,458
CONTINGENCY (5.00%)						273
SUBTOTAL						5,731
SUPV, INSP & OVERHEAD (6.50%)						373
TOTAL REQUEST						6,104
TOTAL REQUEST (ROUNDED)						6,100
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct an organizational classroom building, aircraft mockups, relocate an existing jump tower, construct parachute landing fall (PLF) pits, C130 aircraft mockups and relocate 1 existing C130 Mockup, C17 aircraft mockups and relocate 1 existing C17 mockup, jump tower, arctic latrine, and building information systems. Project includes connection to energy monitoring and control systems, (EMCS), fire alarm detection and reporting systems, automatic building sprinkler systems, and force protection measures. Special foundation is required. Supporting facilities include utilities (water, sewer, natural gas), electric power service, exterior lighting, paving, erosion control measures, information systems, site improvements, antiterrorism and force protection (AT/FP), and fire protection. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided.						
11. REQ:		465 m2	ADQT:		NONE	SUBSTD: 465 m2
PROJECT: Construct an Airborne Sustainment Training Complex for an Airborne Brigade Combat Team at Fort Richardson, Alaska. (Current Mission)						
REQUIREMENT: This project is required to provide parachute jump training, both sustainment and pre-jump training, facilities that meet current Army standards for Soldiers. The brigade may jump as many as 2500 paratroopers out						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4. PROJECT TITLE  Airborne Sustainment Training Complex	5. PROJECT NUMBER  62835
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Relocate Jump Tower	EA	1 --	373,505	(374)
Arctic Latrine	EA	4 --	47,062	(188)
EMCS Connection	EA	1 --	19,923	(20)
SDD and EPAct05	LS	--	--	(20)
Antiterrorism Measures	LS	--	--	(43)
Building Information Systems	LS	--	--	(38)
			Total	683

REQUIREMENT: (CONTINUED)

of 3328 at one time, with the remainder arriving by air or land. This would require 25 each C17 aircraft flights, or 42 each C130 flights. Preparation training for this number of Airborne Soldiers would require five C17 mockups, or five C130s mockups, to out load the brigade within the 18-hour sequence (standard Airborne timeline).

CURRENT SITUATION: The existing galvanized jump tower and existing C130 and C17 mockups and PLF pits is in a site that has been designated a barracks development site in the US Army Garrison Alaska, Master Plan. Therefore, the existing galvanized jump tower and associated facilities require relocation.

IMPACT IF NOT PROVIDED: If this project is not provided, failure to relocate or replace existing facilities would seriously impact the training to be conducted in the Airborne Sustainment Training Complex.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4. PROJECT TITLE  Airborne Sustainment Training Complex	5. PROJECT NUMBER  62835
---	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2007
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 90
  - (b) All Other Design Costs..... 45
  - (c) Total Design Cost..... 135
  - (d) Contract..... 20
  - (e) In-house..... 115
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2011

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: Allan Lucht  
Phone Number: 907-384-3000

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009		
3. INSTALLATION AND LOCATION Fort Richardson Alaska			4. PROJECT TITLE Training Aids Center			
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 141	7. PROJECT NUMBER 64756	8. PROJECT COST (\$000) Auth 2,050 Approp 2,050			
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					1,749	
Training Aids Center Upgrade		m2 (SF)	3,716 ( 40,000)	449.39	(1,670)	
IDS Installation		LS	--	--	(13)	
EMCS Connection		LS	--	--	(18)	
SDD and EPAct05		LS	--	--	(20)	
Antiterrorism Measures		LS	--	--	(14)	
Building Information Systems		LS	--	--	(14)	
<u>SUPPORTING FACILITIES</u>					36	
Information Systems		LS	--	--	(36)	
ESTIMATED CONTRACT COST					1,785	
CONTINGENCY (5.00%)					89	
SUBTOTAL					1,874	
SUPV, INSP & OVERHEAD (6.50%)					122	
DESIGN/BUILD - DESIGN COST					75	
TOTAL REQUEST					2,071	
TOTAL REQUEST (ROUNDED)					2,050	
INSTALLED EQT-OTHER APPROP					( )	
10. Description of Proposed Construction Upgrade and rehabilitate an existing warehouse storage building to accommodate the storage and operational needs for Training Aids Center activities. This project will provide new restrooms, training areas, infrastructure, doors, windows, added insulation, light fixtures, ramps, outdoor lighting, security cages, and conversion of some existing space to office use. There is also to be refurbishment of existing HVAC units, latrines, outdoor infrastructure, and lights. Installation of additional fire alarm and suppression systems will be included. Demolition of existing interior walls and specific items is required. The project will include installation of Intrusion Detection System (IDS) and connections to Energy Monitoring and Control Systems (EMCS). Supporting facilities include 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. Air Conditioning (Estimated 84 kW/24 Tons).						
11. REQ:		6,434 m2	ADQT:	NONE	SUBSTD:	3,716 m2
PROJECT: Upgrade and refurbish an existing structure to provide a Training Aids Center at Fort Richardson, Alaska. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  64756
--	--------------------------------

REQUIREMENT: Brigade Combat Team units will increase the quantity and type of live and virtual training devices used. Additional storage and maintenance space is needed to support the increases in training aid devices and to protect the investment for those devices. Also due to the climate of this area the use of these devices must be in year round climate controlled areas to prevent cold soak damage and cold start of electronic and mechanical devices.

CURRENT SITUATION: Existing substandard converted warehouse buildings do not have the required capacity to support increased training aid types, training OPTEMPO (reset) and device maintenance. The current warehouse building is also in need of major systems and infrastructure renovation for the portion that has been converted to Training Aids Center activities. High levels of availability of the training devices are required to support the reset of units and ensure the full Mission capability of our units.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Richardson will not be able to properly train the Soldiers in the most efficient manner, and protect the training aid and device investment. Training components will be exposed to the elements drastically reducing their useful life span and compromising reliable use for Soldiers and unit 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..... APR 2008
- (b) Percent Complete As Of January 2009..... 15.00
- (c) Date 35% Designed..... FEB 2010
- (d) Date Design Complete..... MAY 2010
- (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:

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  64756
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
Fort Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	105
(b) All Other Design Costs.....	69
(c) Total Design Cost.....	174
(d) Contract.....	87
(e) In-house.....	87
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	DEC 2010

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

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Richardson Alaska				4. PROJECT TITLE Warrior in Transition Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 71540		8. PROJECT COST (\$000) Auth 43,000 Approp 43,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						32,171
Barracks, WT		m2 (SF)	4,478 ( 48,200)		4,595	(20,577)
Admin and Ops Facility, WT		m2 (SF)	1,709 ( 18,400)		4,215	(7,206)
Soldier & Family Assistance Ctr		m2 (SF)	650.32 ( 7,000)		4,106	(2,670)
IDS Installation		LS	--		--	(29)
EMCS Connections		LS	--		--	(138)
Total from Continuation page						(1,551)
<u>SUPPORTING FACILITIES</u>						5,313
Electric Service		LS	--		--	(1,186)
Water, Sewer, Gas		LS	--		--	(809)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,044)
Storm Drainage		LS	--		--	(39)
Site Imp( 1,589) Demo( )		LS	--		--	(1,589)
Information Systems		LS	--		--	(540)
Antiterrorism Measures		LS	--		--	(106)
ESTIMATED CONTRACT COST						37,484
CONTINGENCY (5.00%)						1,874
SUBTOTAL						39,358
SUPV, INSP & OVERHEAD (6.50%)						2,558
DESIGN/BUILD - DESIGN COST						1,574
TOTAL REQUEST						43,490
TOTAL REQUEST (ROUNDED)						43,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Warriors in Transition (WT) Complex. Primary facilities include Warriors in Transition Barracks, Warriors in Transition Soldier and Family Assistance Center (SFAC) and Warrior in Transition Administrative and Operations Facility, building information systems, installation of Intrusion Detection System(IDS), connection to an Energy Management Control System (EMCS) and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation central systems. Provide Anti-terrorism/Force Protection Measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 features will be included. Supporting facilities include site work, utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 809 kWr/230 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71540
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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	--	--	(580)
Antiterrorism Measures	LS	--	--	(413)
Building Information Systems	LS	--	--	(558)
			Total	1,551

11. REQ: 80 PN ADQT: NONE SUBSTD: 80 PN  
PROJECT: Construct a standard design Warriors in Transition (WT) Complex at Fort Richardson, Alaska. (New Mission)  
REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process for Warriors in Transition (WT) Soldiers.  
CURRENT SITUATION: Fort Richardson currently supports one company and one battalion headquarters of Warriors in Transition. There are no facilities on the installation which can adequately provide the required standard facilities for the Soldiers or their Families.  
IMPACT IF NOT PROVIDED: If this project is not provided, Warriors in Transition, Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Richardson, Alaska		
4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71540	
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>MAR 2008</u>
(b) Percent Complete As Of January 2009.....		<u>10.00</u>
(c) Date 35% Designed.....		<u>APR 2010</u>
(d) Date Design Complete.....		<u>AUG 2010</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 Riley		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>906</u>
(b) All Other Design Costs.....		<u>544</u>
(c) Total Design Cost.....		<u>1,450</u>
(d) Contract.....		<u>906</u>
(e) In-house.....		<u>544</u>
(4) Construction Contract Award.....		
(5) Construction Start.....		
(6) Construction Completion.....		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71540
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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 Lucht  
Phone Number: 907-384-3000

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009			
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	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2008	799	5702	903	0	0	0	6	117	2104	9,631
B. END FY 2015	841	5701	979	0	0	0	6	122	2103	9,752
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.....									722,858	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....									198,000	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....									TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....									TBD	
G. REMAINING DEFICIENCY.....									TBD	
H. GRAND TOTAL.....									TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
860	61503	Railhead Complex		26,000		10/2007	10/2009			
141	61507	Aviation Unit Operations Complex		19,000		10/2007	05/2010			
721	65076	Aviation Task Force Complex, Ph 1		125,000		09/2006	05/2010			
721	71541	Warrior in Transition Complex		28,000		03/2008	08/2010			
TOTAL				198,000						
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE				(\$000)						
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD						
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD						
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD						
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 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska				4.PROJECT TITLE Railhead Complex		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  860	7.PROJECT NUMBER  61503		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>						18,321
Railroad Tracks		km (MI)	3.17 (	1.97)	3336727	(10,577)
Shipping & Receiving Building		m2 (SF)	557.42 (	6,000)	5,249	(2,926)
Loading/Unloading Docks & Ramps		EA	2 --		1453709	(2,907)
Staging/Hardstand Area		m2 (SY)	62,000 (	74,151)	28.15	(1,745)
SDD and EPAct05		LS	--		--	(60)
Total from Continuation page						(106)
<u>SUPPORTING FACILITIES</u>						5,091
Electric Service		LS	--		--	(1,378)
Water, Sewer, Gas		LS	--		--	(103)
Paving, Walks, Curbs & Gutters		LS	--		--	(592)
Storm Drainage		LS	--		--	(280)
Site Imp( 2,056) Demo( )		LS	--		--	(2,056)
Information Systems		LS	--		--	(582)
Antiterrorism Measures		LS	--		--	(100)
ESTIMATED CONTRACT COST						23,412
CONTINGENCY (5.00%)						1,171
SUBTOTAL						24,583
SUPV, INSP & OVERHEAD (6.50%)						1,598
TOTAL REQUEST						26,181
TOTAL REQUEST (ROUNDED)						26,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Construct a new rail operations facility at Fort Wainwright, Alaska to provide additional loading/unloading spurs, end ramps, hardstand for marshaling tactical vehicles, a container transfer pad, lightning protection, rail operations building with high overhead door, security fencing and high-mast lighting for 24-hour operations. Supporting facilities to include utilities (connection to existing utilidor), electrical service, exterior lighting, paving, walks, curbs, gutters, erosion control measures, information systems, mass notification system, site improvements, anti-terrorism/force protection (AT/FP), and fire protection. Supporting facilities costs include relocation and construction of enclosed water and sewer systems for protection from the harsh winter climate. 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.						
11. REQ:		14 km ADQT:		10 km SUBSTD:		NONE
PROJECT: Construct a new railhead operations complex at Fort Wainwright, Alaska. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Railhead Complex	5. PROJECT NUMBER  61503
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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	--	--	(58)
Building Information Systems	LS	--	--	(48)
			Total	106

REQUIREMENT: This project supports the Aviation Task Force and the 172d Stryker Brigade Combat Team (SBCT). This new rail operations facility will increase the installation's railcar handling capability by 200 percent as part of the Grow the Army (GTA) initiative. Existing capability is 49 railcars per day; with these improvements Fort Wainwright will have the loading tracks, end ramps, hardstand and other supporting infrastructure to handle about 80-100 railcars per day. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).

CURRENT SITUATION: The existing facilities consist of lightweight rail and three short loading spurs. Current infrastructure will not support required throughput for the surface movements required by SBCT and the Task Force.

IMPACT IF NOT PROVIDED: Without these facilities US Army, Alaska's SBCT and Aviation Task Force deployment will not meet specified timelines. Rail capability must be able to provide a minimum outload of 80-100 railcars for Fort Wainwright, in order to safely and efficiently transport the Aviation Task Force, Brigade Combat Teams' 309 Stryker vehicles, 72 Heavy Expanded Mobility Tactical Truck (HEMTT) vehicles and over 200 twenty-foot containers.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Railhead Complex	5. PROJECT NUMBER  61503
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2007
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 983
  - (b) All Other Design Costs..... 983
  - (c) Total Design Cost..... 1,966
  - (d) Contract..... 983
  - (e) In-house..... 983
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... SEP 2011

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 T. Meeks  
Phone Number: 907.353.7287

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Aviation Unit Operations Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 61507	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>					13,744
Aviation Unit Operations Bldg		m2 (SF)	1,819 ( 19,575)	4,262	(7,751)
Enclosed Vehicle Storage		m2 (SF)	1,543 ( 16,607)	2,404	(3,709)
Special Foundations		LS	--	--	(1,158)
Utility Storage Shed, Covered		m2 (SF)	9.29 ( 100)	944.96	(9)
Hazardous Material Storage		m2 (SF)	5.57 ( 60)	1,690	(9)
Total from Continuation page					(1,108)
<u>SUPPORTING FACILITIES</u>					2,846
Electric Service		LS	--	--	(669)
Water, Sewer, Gas		LS	--	--	(232)
Steam And/Or Chilled Water Dist		LS	--	--	(103)
Paving, Walks, Curbs & Gutters		LS	--	--	(529)
Storm Drainage		LS	--	--	(15)
Site Imp( 701) Demo( 422)		LS	--	--	(1,123)
Information Systems		LS	--	--	(133)
Antiterrorism Measures		LS	--	--	(42)
ESTIMATED CONTRACT COST					16,590
CONTINGENCY (5.00%)					830
SUBTOTAL					17,420
SUPV, INSP & OVERHEAD (6.50%)					1,132
DESIGN/BUILD - DESIGN COST					697
TOTAL REQUEST					19,249
TOTAL REQUEST (ROUNDED)					19,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct an Aviation Unit Operation Complex. This project includes construction of a multi-functional Aviation Unit Operations facility which will house command offices, mission planning, flight operations offices, enclosed storage of primary systems vehicles, signal maintenance, vehicle maintenance, operational supplies, latrines, PT rooms, connection to energy monitoring and control systems (EMCS), installation of Intrusion Detection System (IDS) and anti-terrorism/force protection (AT/FP) measures such as structural reinforcements, setbacks and reinforced (laminated) glass. Project will also include enclosed vehicle storage, utility storage shed, hazardous material storage, oil storage, training pavilion and organizational vehicle parking. Supporting facilities include utilidors, utilities; electric service; exterior lighting; fire protection and alarm systems; mass notifications systems; paving, walks, curbs and gutters; parking; erosion control and storm drainage; site grading and contouring; information systems; and site improvements. Special Foundations are 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 in public areas. Demolish 1 Building (TOTAL 2,408 m2/25,919 SF). Air					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Aviation Unit Operations Complex	5. PROJECT NUMBER  61507
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Oil Storage Building	m2 (SF)	5.57 ( 60)	1,625	(9)
Training Pavilion	m2 (SF)	37.16 ( 400)	944.96	(35)
Organizational Vehicle Parking	m2 (SF)	685.62 ( 7,380)	81.87	(56)
IDS Installation	LS	--	--	(105)
EMCS Connection	LS	--	--	(276)
SDD and EPAct05	LS	--	--	(172)
Antiterrorism Measures	LS	--	--	(208)
Building Information Systems	LS	--	--	(247)
			Total	1,108

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
Conditioning (Estimated 302 kW<sub>r</sub>/86 Tons).

11. REQ: 1,819 m2 ADQT: NONE SUBSTD: 1,819 m2  
PROJECT: Construct a consolidated Air Support Operations Complex at Fort Wainwright, Alaska. (New Mission)  
REQUIREMENT: The Air Support Unit Operations Complex will replace the existing structures to provide a mission capable facility, allow Fort Wainwright to maintain training, and provide a better quality of life for service members stationed on Fort Wainwright in the 3rd Air Support Squadron as part of the Grow the Army (GTA) initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).  
CURRENT SITUATION: The 3rd Air Support Operations Squadron is currently housed in a building constructed in 1944 that is experiencing a number of structural faults including large stress cracks in the roof trusses. The building does not have the correct types and sizes of spaces necessary to effectively support the unit mission. There are no other facilities available that could be used for the unit as a result of the Grow the Army initiatives and force structure increases at Fort Wainwright. There are no consolidated facilities of this type available within U.S. Army Alaska (USARAK). The deteriorated condition of existing buildings detracts from morale, are expensive to maintain and operate, and are widely dispersed causing excessive time going between facilities.  
IMPACT IF NOT PROVIDED: Safe occupancy of the existing building is becoming a concern. An adequate facility for relocating the Air Support Operations is not available due to other critical unit facility demands on the installation. Without the construction of new facilities, troops will continue to be serviced by substandard facilities and Fort Wainwright will be unable to meet it's high standard of support for units, from all services, home stationed or



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Aviation Unit Operations Complex	5. PROJECT NUMBER  61507
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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>
NA			

Installation Engineer: Michael T. Meeks  
Phone Number: 907.353.7287

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Aviation Task Force Complex, Ph 1		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 65076	8. PROJECT COST (\$000) Auth 125,000 Approp 125,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				78,607	
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				(3,984)	
<u>SUPPORTING FACILITIES</u>				28,749	
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	--	--	(10,693)	
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 for \$125M of a four phase project. Phase 2, PN 67112, is estimated at \$161M and will be requested in FY2011. Phase 3, PN 67113, is estimated at \$111M and will be requested in FY2012. Phase 4, PN 67116, is estimated at \$61M and will be requested in FY2013. Primary facilities in this Phase 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 (EPA05) features will be provided. Air Conditioning (Estimated 281 kW/80 Tons).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Aviation Task Force Complex, Ph 1	5. PROJECT NUMBER  65076
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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	--	--	(712)
IDS Installation	LS	--	--	(34)
EMCS Connections	LS	--	--	(300)
SDD and EPAct05	LS	--	--	(1,331)
Antiterrorism Measures	LS	--	--	(895)
Building Information Systems	LS	--	--	(712)
			Total	3,984

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Task Force Complex, Ph 1	5. PROJECT NUMBER 65076
---	----------------------------

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>
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NA

Installation Engineer: Michael T. Meeks  
Phone Number: 907-353-7287

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009		
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Warrior in Transition Complex			
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 71541	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>						20,346
Barracks, WT		m2 (SF)	1,791 (	19,280)	6,679	(11,963)
Admin and Ops Facility, WT		m2 (SF)	771.09 (	8,300)	4,908	(3,784)
Soldier & Family Assistance Ctr		m2 (SF)	650.32 (	7,000)	5,228	(3,400)
IDS Installation		LS	--	--	--	(35)
EMCS Connections		LS	--	--	--	(78)
Total from Continuation page						(1,086)
<u>SUPPORTING FACILITIES</u>						4,065
Electric Service		LS	--	--	--	(595)
Water, Sewer, Gas		LS	--	--	--	(49)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(454)
Storm Drainage		LS	--	--	--	(55)
Site Imp( 634) Demo( 1,459)		LS	--	--	--	(2,093)
Information Systems		LS	--	--	--	(719)
Antiterrorism Measures		LS	--	--	--	(100)
ESTIMATED CONTRACT COST						24,411
CONTINGENCY (5.00%)						1,221
SUBTOTAL						25,632
SUPV, INSP & OVERHEAD (6.50%)						1,666
DESIGN/BUILD - DESIGN COST						1,025
TOTAL REQUEST						28,323
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction						
Construct a standard design Warrior in Transition (WT) Complex. Primary facilities include a Warriors in Transition Barracks, Warriors in Transition Administrative and Operations Facility, Soldier and Family Assistance Center (SFAC), building information systems, Intrusion Detection Systems (IDS) installation, connection to an Energy Management Control System (EMCS) and Fire/Smoke Detection/Enunciation/ Suppression Systems and connections to the installation's central systems. Provide Antiterrorism/Force Protection Measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 2 Buildings (TOTAL 8,882 m2/95,600 SF). Air Conditioning (Estimated 352 kW/100 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																														
3. INSTALLATION AND LOCATION  Fort Wainwright, Alaska																																
4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71541																															
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">SDD and EPAct05</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(383)</td> </tr> <tr> <td data-bbox="232 657 727 688">Antiterrorism Measures</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(383)</td> </tr> <tr> <td data-bbox="232 688 727 720">Building Information Systems</td> <td data-bbox="727 688 954 720">LS</td> <td data-bbox="954 688 1239 720">--</td> <td data-bbox="1239 688 1360 720">--</td> <td data-bbox="1360 688 1510 720">(320)</td> </tr> <tr> <td colspan="3" data-bbox="1239 720 1360 751">Total</td> <td data-bbox="1360 720 1510 751"></td> <td data-bbox="1360 720 1510 751">1,086</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					SDD and EPAct05	LS	--	--	(383)	Antiterrorism Measures	LS	--	--	(383)	Building Information Systems	LS	--	--	(320)	Total				1,086
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
SDD and EPAct05	LS	--	--	(383)																												
Antiterrorism Measures	LS	--	--	(383)																												
Building Information Systems	LS	--	--	(320)																												
Total				1,086																												
<p>11. REQ: 32 PN ADQT: NONE SUBSTD: 32 PN  PROJECT: Construct a standard design Warriors in Transition (WT) Complex at Fort Wainwright, AK. (New Mission)  REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process for Warriors in Transition (WT) Soldiers.  CURRENT SITUATION: Fort Wainwright will support one company of Warriors in Transition (WT). There are no facilities either on or off the installation which can adequately provide the required standard facilities and support for these Soldiers or their families.  IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers who are Warriors in Transition (WT), their Cadre Support Units, and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.</p>																																

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71541
---	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2008
  - (b) Percent Complete As Of January 2009..... 5.00
  - (c) Date 35% Designed..... APR 2010
  - (d) Date Design Complete..... AUG 2010
  - (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 Riley
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 570
  - (b) All Other Design Costs..... 342
  - (c) Total Design Cost..... 912
  - (d) Contract..... 570
  - (e) In-house..... 342
  
- (4) Construction Contract Award..... MAR 2010
  
- (5) Construction Start..... MAY 2010
  
- (6) Construction Completion..... MAY 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71541
---	--------------------------------

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 Meeks  
Phone Number: 907-3537287

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Arizona	Fort Huachuca (IMCOM)				35
62363	UAV ER/MPEr/Mp	15,000	15,000	N	37
66441	Battalion Headquarters Uav	6,000	6,000	N	41
	Subtotal Fort Huachuca Part I	\$ 21,000	21,000		
	* TOTAL MCA FOR Arizona	\$ 21,000	21,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Huachuca Arizona			4. COMMAND  US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX  1.10	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 OCT 2008	576	3045	2537	620	3090	33	
B. END FY 2015	562	2435	2801	650	2865	32	
						75	
						193	
						6300	
						16,469	
						81	
						151	
						6824	
						16,401	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	41,066 ha		(101,477 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						2,629,006	
C. AUTHORIZATION NOT YET IN INVENTORY.....						227,204	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						21,000	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT				COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START COMPLETE	
171	62363	UAV ER/MPEr/Mp			15,000	05/2009 12/2010	
141	66441	Battalion Headquarters Uav			6,000	05/2009 12/2010	
		TOTAL			21,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE		PROJECT TITLE			(\$000)		
A.	REQUESTED IN THE FY 2011 PROGRAM:				TBD		
B.	PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD		
C.	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD		
10. MISSION OR MAJOR FUNCTIONS:							
<p>The current mission of Fort Huachuca is to provide logistical, administrative, legal, financial, supply, and community service support to tenant organizations including an Army Major Field Command (US Army Information Systems Command, USAISC), an USAISC Major Subcommand Headquarter element (Information Systems Engineering Command), 11th Signal Brigade, an Army Major Class II Activity (US Army Electronic Proving Ground), a Major TRADOC Activity (Army Intelligence Center and School), several Department of Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC and FORSCOM Activities, and approximately 20 other tenant elements.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Huachuca, Arizona

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Huachuca Arizona				4. PROJECT TITLE UAV ER/MPEr/Mp		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 171	7. PROJECT NUMBER 62363		8. PROJECT COST (\$000) Auth 15,000 Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,395
High Bay Maint. Training Hangar		m2 (SF)	1,858 ( 20,000)		3,586	(6,663)
Airfield Operations Building		m2 (SF)	929.03 ( 10,000)		3,782	(3,514)
Airfield Aprons		m2 (SY)	3,345 ( 4,000)		102.05	(341)
Aircraft Fuel Truck Loading Fac		L/s (GM)	18.93 ( 300)		725.67	(14)
Airfield Misc. Access Paving		m2 (SY)	7,525 ( 9,000)		41.35	(311)
Total from Continuation page						(552)
<u>SUPPORTING FACILITIES</u>						1,839
Electric Service		LS	--		--	(138)
Water, Sewer, Gas		LS	--		--	(153)
Paving, Walks, Curbs & Gutters		LS	--		--	(114)
Storm Drainage		LS	--		--	(131)
Site Imp( 823) Demo( )		LS	--		--	(823)
Information Systems		LS	--		--	(342)
Antiterrorism Measures		LS	--		--	(55)
Other		LS	--		--	(83)
ESTIMATED CONTRACT COST						13,234
CONTINGENCY (5.00%)						662
SUBTOTAL						13,896
SUPV, INSP & OVERHEAD (5.70%)						792
DESIGN/BUILD - DESIGN COST						556
TOTAL REQUEST						15,244
TOTAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct Unmanned Aerial System (UAS) Facilities to include Aircraft Maintenance Training Hangar, Flight Operations Building, Aircraft Fuel Truck Loading Facility, and Aircraft Apron to support Extended Range Multi-Purpose (ER/MP) Unmanned Aerial System training. Project will include installation of intrusion detection systems (IDS), connection to energy monitoring and control systems (EMCS) and building information systems. Supporting facilities include all utilities services, site lighting, fire protection and alarm systems, lighting protection, storm drainage, parking, information systems, and 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 provided. Antiterrorism measures will be provided. Comprehensive interior design services are required. Air Conditioning (Estimated 88 kW <sub>r</sub> /25 Tons).						
11. REQ:		2,787 m2		ADQT:	NONE	SUBSTD: NONE
PROJECT: Construct UAS training facilities for the Extended Range Multi-Purpose (ER/MP) Unmanned Aerial System at Fort Huachuca, AZ. (New Mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Huachuca, Arizona

4. PROJECT TITLE  UAV ER/MPEr/Mp	5. PROJECT NUMBER  62363
--	--------------------------------

ADDITIONAL: (CONTINUED)  
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..... MAY 2009
    - (b) Percent Complete As Of January 2009..... .00
    - (c) Date 35% Designed..... APR 2010
    - (d) Date Design Complete..... DEC 2010
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (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..... 347
    - (b) All Other Design Costs..... 208
    - (c) Total Design Cost..... 555
    - (d) Contract..... 347
    - (e) In-house..... 208
  
  - (4) Construction Contract Award..... MAY 2010
  
  - (5) Construction Start..... JUN 2010
  
  - (6) Construction Completion..... JUN 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Huachuca, Arizona

4. PROJECT TITLE  UAV ER/MPER/Mp	5. PROJECT NUMBER  62363
--	--------------------------------

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>
NA			

Installation Engineer: John A. Ruble  
Phone Number: 520-533-3141

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Huachuca Arizona				4. PROJECT TITLE Battalion Headquarters Uav		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 141	7. PROJECT NUMBER 66441		8. PROJECT COST (\$000) Auth 6,000 Approp 6,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						4,593
Battalion HQs w/Classrooms		m2 (SF)	1,682 ( 18,100)		2,519	(4,235)
IDS Installation		LS	--		--	(15)
EMCS Connection		LS	--		--	(20)
SDD and EPAct05		LS	--		--	(85)
Antiterrorism Measures		LS	--		--	(85)
Building Information Systems		LS	--		--	(153)
SUPPORTING FACILITIES						646
Electric Service		LS	--		--	(120)
Water, Sewer, Gas		LS	--		--	(89)
Paving, Walks, Curbs & Gutters		LS	--		--	(110)
Storm Drainage		LS	--		--	(35)
Site Imp( 95) Demo( )		LS	--		--	(95)
Information Systems		LS	--		--	(142)
Antiterrorism Measures		LS	--		--	(55)
ESTIMATED CONTRACT COST						5,239
CONTINGENCY (5.00%)						262
SUBTOTAL						5,501
SUPV, INSP & OVERHEAD (5.70%)						314
DESIGN/BUILD - DESIGN COST						220
TOTAL REQUEST						6,035
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Battalion Headquarters for one Battalion for the Unmanned Aerial Systems Training Battaliion. Primary facilities include administrative areas, operations area with a Sensitive Compartmented Information Facility (SCIF), Operations Center (OC), Network Operations Center (NOC), and classrooms. Construction includes redundant mechanical and electrical systems with backup power, secure organizational vehicle parking, 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 (self contained system/connection to the existing energy plant/etc.). 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. Air Conditioning (Estimated 211 kW <sub>r</sub> /60 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Huachuca, Arizona

4. PROJECT TITLE  Battalion Headquarters Uav	5. PROJECT NUMBER  66441
--	--------------------------------

11. REQ: 1,682 m2 ADQT: NONE SUBSTD: NONE  
PROJECT: Construct standard design battalion headquarters for the Unmanned Aerial Systems Training at Fort Huschuca, AZ. (New Mission)  
REQUIREMENT: The Unmanned Aerial Systems Training Battalion(UASTB) will conduct Unmanned Aerial Systems training at the tactical and operational levels in support of the Army, Joint, and Multinational Commands. The new UASTB headquarters requires a Battalion Headquarters facility.  
CURRENT SITUATION: Currently, all existing permanent and temporary facilities at Fort Huachuca are fully utilized for mission purposes. Other alternatives considered were leasing off installation, new construction, other installation/reservations/ base's building assets and the lease/ purchase of temporary relocatable facilities.  
IMPACT IF NOT PROVIDED: To support this near term training mission relocatable buildings will have to be approved as an interim solution until this project is funded. The relocatable building request must be reapproved in 7 years if this project is not funded.  
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. 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.....	MAY 2009
(b) Percent Complete As Of January 2009.....	.00
(c) Date 35% Designed.....	APR 2010
(d) Date Design Complete.....	DEC 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO
(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.....	150
(b) All Other Design Costs.....	90
(c) Total Design Cost.....	240
(d) Contract.....	150

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Huachuca, Arizona

4. PROJECT TITLE  Battalion Headquarters Uav	5. PROJECT NUMBER  66441
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house.....	90
(4) Construction Contract Award.....	MAY 2010
(5) Construction Start.....	JUN 2010
(6) Construction Completion.....	OCT 2011

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: John A. Ruble  
Phone Number: 520-533-3141

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Arkansas	Pine Bluff Arsenal (AMC)				47
67106	Fuse & Detonator Magazine, Depot Level	25,000	25,000	C	49
		-----	-----		
	Subtotal Pine Bluff Arsenal Part I	\$ 25,000	25,000		
	* TOTAL MCA FOR Arkansas	\$ 25,000	25,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009			
3. INSTALLATION AND LOCATION  Pine Bluff Arsenal Arkansas		4. COMMAND  US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX  0.92				
6. PERSONNEL STRENGTH:								
	PERMANENT		STUDENTS		SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 31 OCT 2008	4	2	1180	0	0	0	1100	2,286
B. END FY 2015	4	1	938	0	0	0	890	1,833
7. INVENTORY DATA (\$000)								
A. TOTAL AREA.....	5,460 ha		(13,493 AC)					
B. INVENTORY TOTAL AS OF 31 DEC 2008.....					1,462,764			
C. AUTHORIZATION NOT YET IN INVENTORY.....					87,421			
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....					25,000			
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....					TBD			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....					TBD			
G. REMAINING DEFICIENCY.....					TBD			
H. GRAND TOTAL.....					TBD			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:								
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS			
CODE	NUMBER			(\$000)	START	COMPLETE		
421	67106	Fuse & Detonator Magazine, Depot Level		25,000	01/2008	10/2009		
				TOTAL	25,000			
9. FUTURE PROJECT APPROPRIATIONS:								
CATEGORY		PROJECT TITLE		COST				
CODE				(\$000)				
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD				
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD				
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD				
10. MISSION OR MAJOR FUNCTIONS:								
<p>To operate and maintain production, preproduction, and limited production facilities for the filling, loading, assembly, and manufacturing of assigned material; to receive, store, perform surveillance, renovate, demilitarize and ship supplies and equipment for the Army and other government agencies; to support research, development, engineering and environmental activities of other US Army Materiel Command (AMC) activities as required; to provide support as required to other US AMC installations; to perform chemical laboratory testing; to accomplish repair, maintenance, calibration and operational support for chemical defensive test equipment; to accomplish the disposal and demilitarization of chemical agents and munitions; to accomplish repair and maintenance of chemical defensive material; to accomplish the binary munitions program; and to provide administrative and logistical support to tenant activities.</p>								

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Pine Bluff Arsenal, Arkansas

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Pine Bluff Arsenal Arkansas				4.PROJECT TITLE Fuse & Detonator Magazine, Depot Level		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  421	7.PROJECT NUMBER  67106		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>						19,372
Fuse/Detonator Magazine Upgrade		m2 (SF)	18,469 ( 198,800)		851.58	(15,728)
Hazardous Material Abatement		LS	--		--	(3,280)
SDD and EPAct05		LS	--		--	(157)
Antiterrorism Measures		LS	--		--	(156)
Building Information Systems		LS	--		--	(51)
<u>SUPPORTING FACILITIES</u>						3,436
Electric Service		LS	--		--	(878)
Water, Sewer, Gas		LS	--		--	(233)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,132)
Site Imp( 109) Demo( )		LS	--		--	(109)
Information Systems		LS	--		--	(84)
ESTIMATED CONTRACT COST						22,808
CONTINGENCY (5.00%)						1,140
SUBTOTAL						23,948
SUPV, INSP & OVERHEAD (5.70%)						1,365
TOTAL REQUEST						25,313
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Upgrade the South Arsenal Bomb Storage Area to correct deficiencies and to meet current security standards. Upgrades will be made to seventy-one (71) existing warehouse structures located in the Bomb Storage Area to include upgraded roof and wall structures, doors, floor slabs, lighting, and loading docks, install new lightning protection system in each warehouse, upgrade existing power supply system to each structure. Install a new fire alarm system. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include upgraded roads, water supply system, replace fire hydrants, and install new power supply system.						
11. REQ: 18,776 m2 ADQT: 307 m2 SUBSTD: 18,425 m2 PROJECT: Upgrade Fuse and Detonator Magazine, Depot Level, at Pine Bluff Arsenal, Arkansas. (Current Mission) REQUIREMENT: This project is required to correct deficiencies and make repairs to failing infrastructure in the Bomb Storage Area which is part of the South Arsenal production area. There are currently seventy-one existing warehouse buildings in disrepair and one burned warehouse that needs to be replaced within this area. All seventy one structures are used to store Category III and IV Armed Ammunition and Explosives (AA&E). These existing						



1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Pine Bluff Arsenal, Arkansas

4. PROJECT TITLE Fuse & Detonator Magazine, Depot Level	5. PROJECT NUMBER 67106
--	----------------------------

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..... 963

(b) All Other Design Costs..... 963

(c) Total Design Cost..... 1,926

(d) Contract..... 963

(e) In-house..... 963

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

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

(6) Construction Completion..... SEP 2011

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: Willie G. Thomas  
Phone Number: 870-540-3301

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
California	Fort Irwin (IMCOM)				55
64645	MOUT Assault Course, Ph 4	9,500	9,500	C	57
		-----	-----		
	Subtotal Fort Irwin Part I	\$ 9,500	9,500		
	* TOTAL MCA FOR California	\$ 9,500	9,500		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Irwin California			4. COMMAND  US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX  1.31	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2008	685	3728	863	0	0	0	1561 3713 4403 14,953
B. END FY 2015	904	4142	903	0	0	0	1555 3722 4400 15,626
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	257,542 ha		(636,398 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						2,694,349	
C. AUTHORIZATION NOT YET IN INVENTORY.....						300,094	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						9,500	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START	COMPLETE
178	64645	MOUT Assault Course, Ph 4			9,500	10/2007	05/2010
TOTAL					9,500		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:					TBD		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):					TBD		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					TBD		
10. MISSION OR MAJOR FUNCTIONS:							
<p>The mission of the National Training Center and Fort Irwin is to provide tough, realistic, combined arms and services joint training for brigades and regiments in a mid - to high - intensity environment, while retaining the training feedback and analysis focus at battalion/task force level. It also provides a data source for training, doctrine, organization, and equipment improvements.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Irwin, 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Irwin California				4.PROJECT TITLE MOUT Assault Course, Ph 4		
5.PROGRAM ELEMENT  22212A		6.CATEGORY CODE  178	7.PROJECT NUMBER  64645		8.PROJECT COST (\$000) Auth 9,500 Approp 9,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,762
MOUT Collective Training		m2 (SF)	6,330 ( 68,136)		1,226	(7,762)
<u>SUPPORTING FACILITIES</u>						473
Electric Service		LS	--		--	(237)
Paving, Walks, Curbs & Gutters		LS	--		--	(212)
Storm Drainage		LS	--		--	(19)
Site Imp( 5) Demo( )		LS	--		--	(5)
ESTIMATED CONTRACT COST						8,235
CONTINGENCY (5.00%)						412
SUBTOTAL						8,647
SUPV, INSP & OVERHEAD (5.70%)						493
DESIGN/BUILD - DESIGN COST						346
TOTAL REQUEST						9,486
TOTAL REQUEST (ROUNDED)						9,500
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction This is Phase 4 of a four-phase program to construct permanent urban operations (UO) training facilities to conduct force on force (FOF) UO training at the battalion and brigade collective training level. Phase 1 was programmed in FY2006 (PN 53481) at \$12M. Phase 2 was programmed in FY2008 (PN 60241) at \$18.5M. Phase 3 was programmed in FY2009 (PN 60255) at \$22.1M. Primary facilities for Phase 4 include additional Military Operations Urban Terrain (MOUT) Collective Training Facilities. Supporting facilities include site preparations, electric power and lighting, paving and storm drainage.						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE						
PROJECT: Construct Phase 4, MOUT Collective Training Facilities at Fort Irwin, California. (Current Mission)						
REQUIREMENT: This project phase is required for the training of Active Army, National Guard, Army Reserve, and other service personnel in the techniques of fighting within towns and cities at the brigade level. It is capable of training combat personnel equipped as light infantry, with medium weight vehicles, or with heavy armor. This project constructs the final phase of the urban training facilities for use during rotational training. Buildings shall plug into the						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Irwin, California

4. PROJECT TITLE

MOU Assault Course, Ph 4

5. PROJECT NUMBER

64645

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2007
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... MAR 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 216
  - (b) All Other Design Costs..... 130
  - (c) Total Design Cost..... 346
  - (d) Contract..... 216
  - (e) In-house..... 130
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... APR 2010
  
- (6) Construction Completion..... DEC 2010

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>
	NONE		

Installation Engineer: Robert Turner

Phone Number: 760-380-4727

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				63
03676	Training Aids Center	18,500	18,500	C	65
65362	Brigade Complex	69,000	69,000	C	69
65471	Brigade Complex, Ph 1	102,000	102,000	C	73
65616	Railroad Tracks	14,000	14,000	C	77
70196	Warrior in Transition (WT) Complex	56,000	56,000	N	81
71693	Automated Qualification Training Range	11,000	11,000	N	84
72170	Modified Record Fire Range	4,450	4,450	N	88
72171	Automated Multipurpose Machine Gun Range	7,400	7,400	N	92
72172	Scout/RECCE Gunnery Complex	16,000	16,000	N	96
72173	Urban Assault Course	3,100	3,100	N	100
72177	Convoy Live Fire Range	6,500	6,500	N	103
72258	Commissary	35,000	35,000	N	106
73674	Barracks & Dining, Increment 2	0	60,000	N	110
	Subtotal Fort Carson Part I	\$ 342,950	402,950		
	* TOTAL MCA FOR Colorado	\$ 342,950	402,950		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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	
A. AS OF 31 OCT 2008	2153	16084	1854	8	34	0	
B. END FY 2015	3116	25145	2067	8	31	0	
						TOTAL	
						24,677	
						34,642	
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.....						1,015,666	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						342,950	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT					COST	
						DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE				(\$000)	
						START	
						COMPLETE	
141	3676	Training Aids Center				18,500	
						09/2007	
						10/2009	
721	65362	Brigade Complex				69,000	
						10/2007	
						05/2010	
141	65471	Brigade Complex, Ph 1				102,000	
						04/2008	
						05/2010	
860	65616	Railroad Tracks				14,000	
						04/2008	
						10/2009	
721	70196	Warrior in Transition (WT) Complex				56,000	
						10/2007	
						09/2010	
178	71693	Automated Qualification Training Range				11,000	
						08/2008	
						09/2009	
178	72170	Modified Record Fire Range				4,450	
						08/2008	
						09/2009	
178	72173	Urban Assault Course				3,100	
						12/2008	
						09/2009	
178	72172	Scout/RECCE Gunnery Complex				16,000	
						08/2008	
						09/2009	
178	72171	Automated Multipurpose Machine Gun Range				7,400	
						08/2008	
						09/2009	
179	72177	Convoy Live Fire Range				6,500	
						08/2008	
						09/2009	
740	72258	Commissary				35,000	
						08/2008	
						05/2010	
721	73674	Barracks & Dining, Increment 2				60,000	
						04/2008	
						08/2010	
						TOTAL	
						402,950	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
						(\$000)	
CODE	PROJECT TITLE						
A.	REQUESTED IN THE FY 2011 PROGRAM:					TBD	
B.	PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):					TBD	
C.	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					TBD	

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Carson Colorado				4.PROJECT TITLE Training Aids Center		
5.PROGRAM ELEMENT  22212A		6.CATEGORY CODE  141	7.PROJECT NUMBER  03676		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>						14,547
Training Aids Center		m2 (SF)	7,618 ( 82,000)		1,552	(11,822)
Special Foundations		m2 (SF)	7,618 ( 82,000)		182.45	(1,390)
IDS Installation		LS	--		--	(15)
EMCS Connections		LS	--		--	(423)
SDD and EPAct05		LS	--		--	(236)
Total from Continuation page						(661)
<u>SUPPORTING FACILITIES</u>						2,085
Electric Service		LS	--		--	(350)
Water, Sewer, Gas		LS	--		--	(170)
Paving, Walks, Curbs & Gutters		LS	--		--	(554)
Storm Drainage		LS	--		--	(150)
Site Imp( 496) Demo( )		LS	--		--	(496)
Information Systems		LS	--		--	(335)
Antiterrorism Measures		LS	--		--	(30)
ESTIMATED CONTRACT COST						16,632
CONTINGENCY (5.00%)						832
SUBTOTAL						17,464
SUPV, INSP & OVERHEAD (5.70%)						995
TOTAL REQUEST						18,459
TOTAL REQUEST (ROUNDED)						18,500
INSTALLED EQT-OTHER APPROP						(1,517)
10.Description of Proposed Construction Construct a standard design Training Aids Center (TAC). This project will provide space for administration, a Training Aids Devices Simulators and Simulation (TADSS) storage, a high bay warehouse suitable for forklifts, classrooms, and a Multiple Integrated Laser Engagement System (MILES) Close Loop Support (CLS) maintenance area. The facility will be heated by a self-contained heating system, and all but the warehouse area air conditioned. Facility will also have a fire protection system, installation of Intrusion Detection System (IDS), Energy Monitoring and Control System (EMCS) connections and building information systems. Supporting facilities include: military van parking area, all required utilities, perimeter security fencing, site improvements and information systems. A comprehensive interior design package is required. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 404 kW/115 Tons).						
11. REQ:		7,618 m2	ADQT: NONE		SUBSTD:	3,761 m2
PROJECT: Construct a standard design Training Aids Center at Fort Carson, CO. (Current Mission)						



1.COMONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
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3.INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4.PROJECT TITLE  Training Aids Center	5.PROJECT NUMBER  03676
---	-------------------------------

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 2007
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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 Sill
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 873
    - (b) All Other Design Costs..... 698
    - (c) Total Design Cost..... 1,571
    - (d) Contract..... 873
    - (e) In-house..... 698
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... SEP 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  03676
--	--------------------------------

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>
Rack System	OPA	2010	333
MHE	OPA	2010	777
Info Sys - ISC	OPA	2011	407
		TOTAL	<u>1,517</u>

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 65362		8. PROJECT COST (\$000) Auth 69,000 Approp 69,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						49,882
Barracks		m2 (SF)	11,425 ( 122,976)		2,292	(26,185)
Brigade Headquarters w/SCIF		m2 (SF)	3,725 ( 40,100)		2,304	(8,582)
Company Operations Facilities		m2 (SF)	4,993 ( 53,740)		1,733	(8,654)
Covered Hardstand		m2 (SF)	865.11 ( 9,312)		567.80	(491)
Special Foundations		LS	--		--	(2,239)
Total from Continuation page						(3,731)
<u>SUPPORTING FACILITIES</u>						10,009
Electric Service		LS	--		--	(2,527)
Water, Sewer, Gas		LS	--		--	(1,102)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,264)
Storm Drainage		LS	--		--	(970)
Site Imp( 2,454) Demo( )		LS	--		--	(2,454)
Information Systems		LS	--		--	(496)
Antiterrorism Measures		LS	--		--	(196)
ESTIMATED CONTRACT COST						59,891
CONTINGENCY (5.00%)						2,995
SUBTOTAL						62,886
SUPV, INSP & OVERHEAD (5.70%)						3,585
DESIGN/BUILD - DESIGN COST						2,515
TOTAL REQUEST						68,986
TOTAL REQUEST (ROUNDED)						69,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct one standard design Brigade Headquarters Building with Sensitive Compartmental Information Facilities (SCIF), four standard design Company Operations Facilities (COFs) with covered hardstand, and standard design Barracks facilities (332 PN). The project includes installation of intrusion detection systems (IDS) and connections to an energy monitoring and control systems (EMCS). Supporting facilities include all required utilities; information systems; fire protection and alarm systems; storm drainage; landscaping; site improvements; paving, walks, curbs, and gutters and POV parking. Due to expansive soils prevalent at Fort Carson, special foundations will be required. Heating will be provided by a central heating system. Air conditioning will be provided by central cooling systems. Required AT/FP measures will include resistance to progressive collapse, sway bracing, blast resistant windows and exterior glass, and exterior setbacks. 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 (EPA05) features will be included. Air Conditioning (Estimated 1,354 kW/385 Tons).						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Carson, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Brigade Complex	65362

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(169)
EMCS Connections	LS	--	--	(759)
SDD and EPAct05	LS	--	--	(868)
Antiterrorism Measures	LS	--	--	(989)
Building Information Systems	LS	--	--	(946)
			Total	3,731

11. REQ: 9,121 PN ADQT: 8,675 PN SUBSTD: 146 PN  
PROJECT: Construct standard design Brigade Complex facilities at Fort Carson, Colorado. (Current Mission)  
REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for Soldiers as a result of the Grow the Army (GTA) initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). Maximum utilization is 336 soldiers. Intended utilization is 232 Junior Enlisted and 52 Sergeants.  
CURRENT SITUATION: Adequate existing facilities are not available to support this GTA action. There are no available facilities at Fort Carson for these units to occupy. Currently, all existing facilities suitable for use under these facility category codes are fully utilized. This project provides essential living and working facilities to support 4th ID Brigade operations at Fort Carson, Co. The existing company operations facilities are old and severely deteriorated. The existing barracks are old, severely deteriorated, and are being used as swing space.  
IMPACT IF NOT PROVIDED: If this facility is not provided Soldiers will continue to live and work in substandard and deteriorated facilities which will adversely impact unit morale and readiness. The existing conditions will impact morale as well as the safety and readiness of our Soldiers. Additionally, if facilities are not provided, substandard modular facilities for unaccompanied enlisted housing and 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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Carson, Colorado		
4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  65362	
<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>During the past two years, \$16,625,398 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Carson. Upon completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	OCT 2007	
(b) Percent Complete As Of January 2009.....	15.00	
(c) Date 35% Designed.....	APR 2010	
(d) Date Design Complete.....	MAY 2010	
(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.....	1,572	
(b) All Other Design Costs.....	943	
(c) Total Design Cost.....	2,515	
(d) Contract.....	1,572	
(e) In-house.....	943	
(4) Construction Contract Award.....	MAR 2010	
(5) Construction Start.....	MAY 2010	
(6) Construction Completion.....	MAY 2012	

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  65362
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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>
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NA

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Brigade Complex, Ph 1		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 65471		8. PROJECT COST (\$000) Auth 102,000 Approp 102,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						54,311
Battalion HQs w/Classrooms		m2 (SF)	9,931 ( 106,900)		2,309	(22,935)
Brigade Headquarters w/SCIF		m2 (SF)	3,725 ( 40,100)		2,389	(8,901)
Dining Facility		m2 (SF)	2,462 ( 26,500)		3,496	(8,607)
Special Foundations		LS	--		--	(3,801)
Water Storage/Pumphouse & Pumps		LS	--		--	(1,020)
Total from Continuation page						(9,047)
SUPPORTING FACILITIES						34,227
Electric Service		LS	--		--	(2,827)
Water, Sewer, Gas		LS	--		--	(7,346)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,659)
Storm Drainage		LS	--		--	(536)
Site Imp(13,669) Demo( )		LS	--		--	(13,669)
Information Systems		LS	--		--	(6,055)
Antiterrorism Measures		LS	--		--	(135)
ESTIMATED CONTRACT COST						88,538
CONTINGENCY (5.00%)						4,427
SUBTOTAL						92,965
SUPV, INSP & OVERHEAD (5.70%)						5,299
DESIGN/BUILD - DESIGN COST						3,719
TOTAL REQUEST						101,983
TOTAL REQUEST (ROUNDED)						102,000
INSTALLED EQT-OTHER APPROP						(6,767)
10. Description of Proposed Construction This is Phase 1 of a multi-phase project. The remaining phases will be planned and programmed in future Army program years. Construct a standard design Brigade Combat Team Complex. Primary facilities in this phase include Brigade Headquarters with a Special Compartmented Information Facility (SCIF), Battalion Headquarters , Dining Facility, elevated water storage and pumphouse with pumps. Supporting Facilities include sitework and infrastructure upgrades, all required support utilities, information systems, fire protection and alarm systems, storm drainage, landscaping, site improvements, paving, walks, curbs, gutters, and POV parking. Due to expansive soils prevalent at Fort Carson, special foundations are required. Connection to Energy Monitoring Control Systems (EMCS) and installation of Intrusion Detection Systems (IDS) are included. Access for persons with disabilities will be provided. Anti-Terrorism and Force Protection (AT/FP) requirements are included for all facilities to meet current requirements, including setbacks, blast resistant exterior glass, and interior sway bracing. 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 (EPA05) features will be provided. Air						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Brigade Complex, Ph 1	5. PROJECT NUMBER  65471
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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	--	--	(5)
EMCS Connection	LS	--	--	(335)
SDD and EPAct05	LS	--	--	(739)
Antiterrorism Measures	LS	--	--	(712)
Building Information Systems	LS	--	--	(7,256)
			Total	9,047

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
Conditioning (Estimated 1,864 kW/530 Tons).

11. REQ: 52,265 m2 ADQT: 25,260 m2 SUBSTD: NONE

PROJECT: Construct a Brigade Combat Team (Light) Complex, Phase 1 at Fort Carson, Colorado. (Current Mission)

REQUIREMENT: This project will provide a Brigade Combat Team (Light) Complex to support the re-stationing of a Brigade Combat Team at Fort Carson, Colorado as part of the Grow the Army (GTA) initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).

CURRENT SITUATION: Adequate existing facilities are not available to support this stationing action. Currently, all existing facilities suitable for use under these facility category codes are fully utilized. This project provides essential living and working facilities to support a 3rd Brigade Combat Team (Light) at Fort Carson, CO.

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 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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Brigade Complex, Ph 1	5. PROJECT NUMBER 65471
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ADDITIONAL: (CONTINUED)

Executive Orders.

	Requested FY2010 (\$000)	FYDP
Authorization	\$102,000	TBD
Authorization of Appropriation	\$102,000	TBD
Appropriation	\$102,000	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>APR 2008</u>
(b) Percent Complete As Of January 2009.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>MAR 2010</u>
(d) Date Design Complete.....	<u>MAY 2010</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 Carson

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

(a) Production of Plans and Specifications.....	<u>2,324</u>
(b) All Other Design Costs.....	<u>1,395</u>
(c) Total Design Cost.....	<u>3,719</u>
(d) Contract.....	<u>2,324</u>
(e) In-house.....	<u>1,395</u>

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

(5) Construction Start..... MAY 2010

(6) Construction Completion..... MAY 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Brigade Complex, Ph 1	5. PROJECT NUMBER  65471
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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 Equip	OPA	2011	40
Info Sys - ISC	OPA	2011	6,727
		TOTAL	<u>6,767</u>

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-3415

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Railroad Tracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 860	7. PROJECT NUMBER 65616		8. PROJECT COST (\$000) Auth 14,000 Approp 14,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,242
Load/Unload Spurs (5)		m (LF)	2,774 ( 9,100)		1,066	(2,958)
Holding Spurs (2)		m (LF)	2,469 ( 8,100)		1,066	(2,633)
Replace Exist Rail w/115#		m (LF)	1,006 ( 3,300)		377.30	(380)
Rail Turnouts (#10)		EA	16 --		65,000	(1,040)
Universal Crossovers		EA	2 --		250,000	(500)
Total from Continuation page						(2,731)
<u>SUPPORTING FACILITIES</u>						2,359
Electric Service		LS	--		--	(807)
Water, Sewer, Gas		LS	--		--	(68)
Paving, Walks, Curbs & Gutters		LS	--		--	(39)
Storm Drainage		LS	--		--	(100)
Site Imp( 1,119) Demo( 180)		LS	--		--	(1,299)
Information Systems		LS	--		--	(46)
ESTIMATED CONTRACT COST						12,601
CONTINGENCY (5.00%)						630
SUBTOTAL						13,231
SUPV, INSP & OVERHEAD (5.70%)						754
TOTAL REQUEST						13,985
TOTAL REQUEST (ROUNDED)						14,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Upgrade and expand the railyard facility serving Fort Carson. Construct five new rail loading spurs, with end loading docks, and two holding spurs. Holding spurs will run parallel to the installation's off-post access spur. Stabilize soil under new rail spurs. Extend the rail "wye". Provide an addition to the existing Railyard Operations Facility with building information systems. Replace underweight rail with 115 pound rail on two existing older loading spurs. Provide high mast lighting for the seven loading spurs to be constructed or refurbished. Install five new rail crossings. Provide two on-post rail crossovers, three derailleurs and 16 rail turnouts. Construct an elevated pedestrian walkway over the three off-post rail spurs and a city street adjacent to them. Due to expansive soils prevalent on Fort Carson, special foundations will be needed for the building addition. Install intrusion detection system (IDS) to monitor the new spurs. Supporting facilities include all required utilities, POV parking and building area lighting. Demolish one existing warehouse (9,000 SF).						
11. REQ:		21 km ADQT:		14 km SUBSTD:		2 km
PROJECT: Expand railyard support capability at Fort Carson, Colorado. (Current Mission)						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Carson, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Railroad Tracks	65616

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Railroad Bridge	EA	2 --	350,000	(700)
Extend Wye Track	m (LF)	91.44 ( 300)	1,066	(98)
Derailers	EA	3 --	33,500	(101)
Track Crossings	EA	6 --	15,000	(90)
Pedestrian Bridges	LS	--	--	(1,000)
Loading/Unloading Docks	EA	6 --	45,000	(270)
Expand Rail Operations Facility	m2 (SF)	232.26 ( 2,500)	1,808	(420)
Special Foundations	LS	--	--	(18)
IDS Installation	LS	--	--	(10)
Building Information Systems	LS	--	--	(24)
			Total	2,731

REQUIREMENT: An increased level of deployment capability is needed at the on-post rail facility in order to accommodate existing requirements and the impending stationing of additional units at Fort Carson. Three additional spurs, capable of spotting 45 additional rail cars, will be provided by this project. Specific support requirements will increase in the future to deploy 9,493 pieces of equipment, 1000 to 1125 containers, and up to 25,000 Soldiers, which is an approximate increase in assigned military personnel of almost 60 per cent over the FY04 baseline. Expanding the railyard's capacity and constructing an addition onto the existing Railyard Operations Facility (Building 407), to accommodate additional rail operations personnel and additional unit rail deployment requirements, are needed to maintain an acceptable level of rail deployment support capability for a significantly expanded Fort Carson. Construction of an elevated walkway is required to permit school children and other pedestrians to cross from an elementary school and housing areas located north of the three off-post spurs to other housing and commercial facilities located south of the spurs.

CURRENT SITUATION: Fort Carson's on-post railyard is currently capable of deploying 165 loaded rail cars in a 24-hour period. This capability is inadequate for the current rail deployment requirement and to support an impending increase in assigned units coming to Fort Carson under planned unit restationing actions. The current size of the existing Railyard Operations Facility, at 3100 SF, will be insufficient to accommodate a planned increase in rail deployment support personnel, required to support the deployment/return of the additional assigned units.

IMPACT IF NOT PROVIDED: If this project is not funded, Fort Carson will not meet the Army's rail deployment timelines, thus reducing its combat effectiveness. An expanded rail loading/unloading capability is required to support the near term arrival of 10,000 additional Soldiers at Fort Carson. A

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Railroad Tracks	5. PROJECT NUMBER  65616
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IMPACT IF NOT PROVIDED: (CONTINUED)

failure to expand the current Railyard Operations Facility would require that the anticipated plus-up of rail deployment support staff would necessarily be housed in another facility, remote from the railyard, resulting in an overall decrease in operational efficiency and an increase in support costs.

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..... APR 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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..... 661
    - (b) All Other Design Costs..... 529
    - (c) Total Design Cost..... 1,190
    - (d) Contract..... 661
    - (e) In-house..... 529
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... JUN 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Railroad Tracks	5. PROJECT NUMBER  65616
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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>
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NA

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Warrior in Transition (WT) Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 70196		8. PROJECT COST (\$000) Auth 56,000 Approp 56,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						40,357
Barracks, WT		m2 (SF)	8,956 (	96,400)	3,034	(27,174)
Admin and Ops Facility, WT		m2 (SF)	3,818 (	41,100)	2,167	(8,275)
Special Foundations		LS	--	--	--	(2,613)
IDS Installation		LS	--	--	--	(18)
EMCS Connections		LS	--	--	--	(166)
Total from Continuation page						(2,111)
<u>SUPPORTING FACILITIES</u>						8,072
Electric Service		LS	--	--	--	(2,239)
Water, Sewer, Gas		LS	--	--	--	(749)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(1,247)
Storm Drainage		LS	--	--	--	(352)
Site Imp( 2,807) Demo( )		LS	--	--	--	(2,807)
Information Systems		LS	--	--	--	(520)
Antiterrorism Measures		LS	--	--	--	(158)
ESTIMATED CONTRACT COST						48,429
CONTINGENCY (5.00%)						2,421
SUBTOTAL						50,850
SUPV, INSP & OVERHEAD (5.70%)						2,898
DESIGN/BUILD - DESIGN COST						2,034
TOTAL REQUEST						55,782
TOTAL REQUEST (ROUNDED)						56,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Complex. Primary facilities include a WT Barracks and Administration and Operations facility, special foundations, connections to an energy management and control system (EMCS), building information systems, installation of intrusion detection system (IDS), and fire/smoke detection/enunciation/suppression systems and connections to the installation central systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, parking and area lighting, information systems, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access features for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 1,231 kW/350 Tons).						
11. REQ:		160 PN	ADQT:		NONE	SUBSTD: 160 PN
PROJECT: Construct a standard design Warrior in Transition (WT) Complex at						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  70196
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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	--	--	(709)
Antiterrorism Measures	LS	--	--	(708)
Building Information Systems	LS	--	--	(694)
			Total	2,111

PROJECT: (CONTINUED)

Fort Carson, Colorado. (New mission)

REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of three companies of Warriors in Transition (WT) Soldiers.

CURRENT SITUATION: Fort Carson currently supports three companies and a battalion headquarters of Warriors in Transition. There are no existing facilities on the installation which can adequately provide the required standard facilities for the Soldiers or their Families.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers who are Warriors in Transition, their Cadre Support Units, and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.....	OCT 2007
(b) Percent Complete As Of January 2009.....	15.00
(c) Date 35% Designed.....	MAY 2010
(d) Date Design Complete.....	SEP 2010

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  70196
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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-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..... | 957   |
| (b) All Other Design Costs.....                 | 766   |
| (c) Total Design Cost.....                      | 1,723 |
| (d) Contract.....                               | 766   |
| (e) In-house.....                               | 957   |
- (4) Construction Contract Award..... MAR 2010
- (5) Construction Start..... JUN 2010
- (6) Construction Completion..... DEC 2011

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: Terry S. Burns  
Phone Number: 719-526-3415

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Automated Qualification Training Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 71693		8. PROJECT COST (\$000) Auth 11,000 Approp 11,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,761
Qualification/Training Range		EA	1 --		6813790	(6,814)
Range Operations & Control Area		EA	1 --		60,660	(61)
Range Control Tower		m2 (SF)	23.78 ( 256)		7,587	(180)
Range Operations and Storage		m2 (SF)	74.32 ( 800)		1,607	(119)
Bleacher Enclosure		m2 (SF)	49.80 ( 536)		2,438	(121)
Total from Continuation page						(466)
<u>SUPPORTING FACILITIES</u>						2,169
Electric Service		LS	--		--	(152)
Paving, Walks, Curbs & Gutters		LS	--		--	(84)
Storm Drainage		LS	--		--	(61)
Site Imp( 1,715) Demo( )		LS	--		--	(1,715)
Information Systems		LS	--		--	(157)
ESTIMATED CONTRACT COST						9,930
CONTINGENCY (5.00%)						497
SUBTOTAL						10,427
SUPV, INSP & OVERHEAD (5.70%)						594
TOTAL REQUEST						11,021
TOTAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						(2,244)
10. Description of Proposed Construction Construct a standard design Qualification Training Range (QTR). Primary facilities include the Qualification Training Range, range operations and control area, control tower, range operations and storage building, bleacher enclosure, ammunition breakdown building, latrine, covered mess, classroom building, and building information systems. Supporting facilities 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 21 kW/6 Tons).						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard design Qualification Training Range at Fort Carson, Colorado. (New 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 along with stationary armor targets in a tactical array using small arms, machine gun, sniper weapons and grenade launchers. This range satisfies the training and qualification requirements of multiple weapon systems. Combat and combat support units require training proficiency in sniper weapon systems. Army standard ranges with target systems affording						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Automated Qualification Training Range	5. PROJECT NUMBER  71693
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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)	11.15 ( 120)	5,548	(62)
Vault Latrine	m2 (SF)	18.58 ( 200)	3,405	(63)
Covered Mess	m2 (SF)	74.32 ( 800)	1,540	(114)
Classroom Building	m2 (SF)	74.32 ( 800)	1,423	(106)
SDD and EPAct05	LS	--	--	(12)
Building Information Systems	LS	--	--	(109)
			Total	466

REQUIREMENT: (CONTINUED)  
doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat.

CURRENT SITUATION: Fort Carson currently has no standard qualification training range. Existing ranges do not provide current Army standard target systems and distances to fully train on weapons capabilities. Operation of target mechanisms is currently done by monitoring a stopwatch to achieve standard engagement durations while flipping toggle switches 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 and reduces training realism.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers of Fort Carson 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 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Automated Qualification Training Range	5. PROJECT NUMBER  71693
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... AUG 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... APR 2009
  - (d) Date Design Complete..... SEP 2009
  - (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..... 421
  - (b) All Other Design Costs..... 336
  - (c) Total Design Cost..... 757
  - (d) Contract..... 421
  - (e) In-house..... 336
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Automated Qualification Training Range	5. PROJECT NUMBER  71693
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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>
Targetry & Instrumentation System	OPA	2011	2,200
Info Sys - ISC	OPA	2011	44
TOTAL			<u>2,244</u>

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72170	8. PROJECT COST (\$000) Auth 4,450 Approp 4,450		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,805
Modified Record Fire Range		FP	16 --	187,229	(2,996)
Range Operation and Control		EA	1 --	62,272	(62)
Range Control Tower		m2 (SF)	23.78 ( 256)	3,059	(73)
Range Operations & Storage		m2 (SF)	74.32 ( 800)	2,383	(177)
Classroom Building		m2 (SF)	74.32 ( 800)	2,622	(195)
Total from Continuation page					(302)
<u>SUPPORTING FACILITIES</u>					200
Electric Service		LS	--	--	(55)
Paving, Walks, Curbs & Gutters		LS	--	--	(82)
Information Systems		LS	--	--	(63)
ESTIMATED CONTRACT COST					4,005
CONTINGENCY (5.00%)					200
SUBTOTAL					4,205
SUPV, INSP & OVERHEAD (5.70%)					240
TOTAL REQUEST					4,445
TOTAL REQUEST (ROUNDED)					4,450
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Modified Record Fire (MRF) Range. Primary facilities include the MRF range, range operation and control area, range control tower, range operations and storage building, classroom building, latrine, covered mess shelter, ammunition breakdown building, bleacher enclosure, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Antiterrorism measures are included. Supporting facilities include electric service, paving, and information systems. Air Conditioning (Estimated 21 kW/6 Tons).					
11. REQ: 16 FP ADQT: NONE SUBSTD: 12 FP					
PROJECT: Construct a standard design Modified Record Fire (MRF) Range at Fort Carson, Colorado. (New Mission)					
REQUIREMENT: This project is required to support Grow The Army unit stationing and annual weapon training at Fort Carson. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). 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 M16 & M4 rifles. This range combines the capabilities of multiple ranges using target densities and lane					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  72170
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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)	3,689	(69)
Covered Mess	m2 (SF)	74.32 ( 800)	1,181	(88)
Ammunition Breakdown Building	m2 (SF)	11.15 ( 120)	2,403	(27)
Bleacher Enclosure	m2 (SF)	54.44 ( 586)	1,181	(64)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(36)
			Total	302

REQUIREMENT: (CONTINUED)  
widths. 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 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 the range's physical limitations. Current lanes are not standard width reducing target acquisition opportunities 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, 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. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  72170
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... AUG 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... APR 2009
  - (d) Date Design Complete..... SEP 2009
  - (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..... 210
  - (b) All Other Design Costs..... 168
  - (c) Total Design Cost..... 378
  - (d) Contract..... 210
  - (e) In-house..... 168
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  72170
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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: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Automated Multipurpose Machine Gun Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72171		8. PROJECT COST (\$000) Auth 7,400 Approp 7,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,376
Multipurpose Machine Gun Range		FP	10 --		551,543	(5,515)
Range Control Tower		m2 (SF)	23.04 ( 248)		7,419	(171)
Range Operations & Storage		m2 (SF)	74.32 ( 800)		1,572	(117)
Covered Bleacher		m2 (SF)	49.80 ( 536)		2,385	(119)
Ammo Breakdown Building		m2 (SF)	11.15 ( 120)		5,426	(61)
Total from Continuation page						(393)
<u>SUPPORTING FACILITIES</u>						322
Electric Service		LS	--		--	(110)
Paving, Walks, Curbs & Gutters		LS	--		--	(82)
Storm Drainage		LS	--		--	(60)
Information Systems		LS	--		--	(70)
ESTIMATED CONTRACT COST						6,698
CONTINGENCY (5.00%)						335
SUBTOTAL						7,033
SUPV, INSP & OVERHEAD (5.70%)						401
TOTAL REQUEST						7,434
TOTAL REQUEST (ROUNDED)						7,400
INSTALLED EQT-OTHER APPROP						(2,091)
10. Description of Proposed Construction Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, range control tower, range operations and storage building, bleacher enclosure, ammunition breakdown building, latrine, covered mess, classroom building, range operations and control area, and building information systems. Supporting facilities include electric service, paving, 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:		10 FP	ADQT: NONE		SUBSTD:	8 FP
PROJECT: Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range at Fort Carson, Colorado. (New Mission)						
REQUIREMENT: This project supports Grow The Army additional unit stationing. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). 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						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER  72171
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vaulted Latrine (M/F)	m2 (SF)	11.15 ( 120)	5,549	(62)
Cover Mess	m2 (SF)	74.32 ( 800)	1,506	(112)
Classroom Building	m2 (SF)	74.32 ( 800)	1,391	(103)
Range Operations & Control Area	EA	1 --	86,746	(87)
SDD and EPAct05	LS	--	--	(15)
Building Information Systems	LS	--	--	(14)
			Total	393

REQUIREMENT: (CONTINUED)  
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.

CURRENT SITUATION: Currently Fort Carson 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 areas. 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 Carson, 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER  72171
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... AUG 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... APR 2009
  - (d) Date Design Complete..... SEP 2009
  - (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..... 347
  - (b) All Other Design Costs..... 278
  - (c) Total Design Cost..... 625
  - (d) Contract..... 347
  - (e) In-house..... 278
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER  72171
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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 System	OPA	2010	1,970
Info Sys - ISC	OPA	2011	121
		TOTAL	<u>2,091</u>

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Scout/RECCE Gunnery Complex		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72172	8. PROJECT COST (\$000) Auth 16,000 Approp 16,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					14,010
Scout/RECCE Gunnery Complex		LN	1 --	13038507	(13,039)
Range Operations Center		m2 (SF)	74.32 ( 800)	1,378	(102)
After Action Review Building		m2 (SF)	107.02 ( 1,152)	1,228	(131)
Range Operations & Storage		m2 (SF)	74.32 ( 800)	1,513	(112)
Latrine		m2 (SF)	18.58 ( 200)	5,342	(99)
Total from Continuation page					(527)
<u>SUPPORTING FACILITIES</u>					387
Electric Service		LS	--	--	(215)
Information Systems		LS	--	--	(172)
ESTIMATED CONTRACT COST					14,397
CONTINGENCY (5.00%)					720
SUBTOTAL					15,117
SUPV, INSP & OVERHEAD (5.70%)					862
TOTAL REQUEST					15,979
TOTAL REQUEST (ROUNDED)					16,000
INSTALLED EQT-OTHER APPROP					(5,045)
10. Description of Proposed Construction Construct a standard design Scout Reconnaissance Crew Engagement Range (RECCE) Gunnery Complex. Primary facilities include the Scout RECCE Gunnery Complex, the range operations center, after action review building, operations & storage building, latrine, covered mess, ammunition loading dock, bleacher enclosure, site development and improvements, 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: 1 LN ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design Scout RECCE Gunnery Complex at Fort Carson, Colorado. (New Mission)					
REQUIREMENT: The Scout RECCE Range is required to provide digitally enhanced combat platforms with all constituent elements for (digital) war fighting operations to the Soldiers of active Army Units, Reserve and National Guard units that train at Fort Carson. 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					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Scout/RECCE Gunnery Complex	5. PROJECT NUMBER  72172
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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)	1,450	(108)
Ammunition Loading Dock	EA	1 --	98,417	(98)
Bleacher Enclosure	m2 (SF)	49.80 ( 536)	2,295	(114)
SDD and EPAct05	LS	--	--	(61)
Antiterrorism Measures	LS	--	--	(61)
Building Information Systems	LS	--	--	(85)
			Total	527

REQUIREMENT: (CONTINUED)

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. Alternatives considered for this requirement were guided by environmental protection, weapon system surface danger zones, and range functional area requirements: the alternative selected is to convert an existing range by expanding the functional area and adding the digital target systems and associated support structures. The requirement for this range has been validated by the Range and Training Land Program Development Plan (RDP) prepared for Fort Carson and is part of the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).

CURRENT SITUATION: 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. There are no existing ranges that support the Scout RECCE gunnery requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson squads, crews, and platoons will continue to train on inadequate analog ranges. Grow The Army 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

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Carson, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Scout/RECCE Gunnery Complex	72172

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. 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 2009..... 10.00
  - (c) Date 35% Designed..... MAY 2009
  - (d) Date Design Complete..... SEP 2009
  - (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..... 750
  - (b) All Other Design Costs..... 600
  - (c) Total Design Cost..... 1,350
  - (d) Contract..... 750
  - (e) In-house..... 600
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Scout/RECCE Gunnery Complex	5. PROJECT NUMBER  72172
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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>
Targetry Systems	OPA	2010	5,000
Info Sys - ISC	OPA	2011	45
		TOTAL	<u>5,045</u>

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72173	8. PROJECT COST (\$000) Auth 3,100 Approp 3,100		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,255
Urban Assault Course		SN	5 --	318,129	(1,591)
Range Operations & Control Area		EA	1 --	66,096	(66)
Downrange Electrical		EA	1 --	248,830	(249)
Range Operations & Storage		m2 (SF)	74.32 ( 800)	1,538	(114)
Ammunition Breakdown Building		m2 (SF)	11.15 ( 120)	5,437	(61)
Total from Continuation page					(174)
<u>SUPPORTING FACILITIES</u>					533
Electric Service		LS	--	--	(372)
Information Systems		LS	--	--	(161)
ESTIMATED CONTRACT COST					2,788
CONTINGENCY (5.00%)					139
SUBTOTAL					2,927
SUPV, INSP & OVERHEAD (5.70%)					167
TOTAL REQUEST					3,094
TOTAL REQUEST (ROUNDED)					3,100
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities include the UAC, range operations and control area, downrange electrical, operations and storage building, ammunition breakdown 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 will be included. Supporting facilities include electric service and information systems. Air Conditioning (Estimated 18 kW/5 Tons).					
11. REQ: 15 SN ADQT: 5 SN SUBSTD: 5 SN					
PROJECT: Construct a standard design Urban Assault Course at Fort Carson, Colorado. (New Mission)					
REQUIREMENT: This project is required to support urban centric training at Fort Carson. This range supports the individual skill training requirements of the units supported and is part of the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).					
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					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Urban Assault Course	5. PROJECT NUMBER  72173
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Separate Toilet/Shower Building	m2 (SF)	18.58 ( 200)	4,604	(86)
SDD and EPAct05	LS	--	--	(5)
Antiterrorism Measures	LS	--	--	(1)
Building Information Systems	LS	--	--	(82)
			Total	174

CURRENT SITUATION: (CONTINUED)

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.  
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..... DEC 2008
    - (b) Percent Complete As Of January 2009..... 15.00
    - (c) Date 35% Designed..... APR 2009
    - (d) Date Design Complete..... SEP 2009
    - (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



1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Convoy Live Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 179	7. PROJECT NUMBER 72177		8. PROJECT COST (\$000) Auth 6,500 Approp 6,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,779
Convoy Live Fire Range		EA	1	--	5450660	(5,451)
Range Operations Control Area		EA	1	--	20,350	(20)
Vault Latrine		m2 (SF)	11.15	( 120)	5,560	(62)
Range Operations and Storage		m2 (SF)	74.32	( 800)	1,575	(117)
Unit Staging Area		EA	1	--	59,811	(60)
Total from Continuation page						(69)
<u>SUPPORTING FACILITIES</u>						103
Electric Service		LS	--	--	--	(62)
Site Imp( 13) Demo( )		LS	--	--	--	(13)
Information Systems		LS	--	--	--	(28)
ESTIMATED CONTRACT COST						5,882
CONTINGENCY (5.00%)						294
SUBTOTAL						6,176
SUPV, INSP & OVERHEAD (5.70%)						352
TOTAL REQUEST						6,528
TOTAL REQUEST (ROUNDED)						6,500
INSTALLED EQT-OTHER APPROP						(1,302)
10. Description of Proposed Construction Construct a Convoy Live Fire training facility. Primary facilities include the Convoy Live Fire Range, latrine, operations and storage building, unit staging area, operations control area, ammunition breakdown building, and building information systems. Supporting facilities include electric service, site improvement, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 7 kW <sub>r</sub> /2 Tons).						
11. REQ: 7 EA ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a Convoy Live Fire training facility at Fort Carson, Colorado. (New Mission)						
REQUIREMENT: Grow The Army and multiple Brigade Combat Team stationing actions drive this requirement. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). The Convoy Live Fire training facility 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, identify improvised explosive devices, and practice target discrimination. This project supports Soldiers of Fort Carson active Army, Reserve and National Guard						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Convoy Live Fire Range	5. PROJECT NUMBER  72177
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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)	11.15 ( 120)	5,437	(61)
SDD and EPAct05	LS	--	--	(5)
Building Information Systems	LS	--	--	(3)
			Total	69

REQUIREMENT: (CONTINUED)

Units. Active and reserve Soldiers required to deploy must have training in a live fire environment. Total number of training days available to support live fire shooting in an urban zone drive the throughput gunnery needs.

CURRENT SITUATION: Fort Carson currently does not have a standard supported Convoy Live Fire training facility. Increased training requirements generated from lessons learned from current deployed units dictate an increase in live fire shooting training events.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers of Fort Carson, Grow The Army 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..... AUG 2008
- (b) Percent Complete As Of January 2009..... 5.00
- (c) Date 35% Designed..... MAY 2009
- (d) Date Design Complete..... SEP 2009
- (e) Parametric Cost Estimating Used to Develop Costs NO

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Convoy Live Fire Range	5. PROJECT NUMBER  72177
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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 Carson
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 

(a) Production of Plans and Specifications.....	308
(b) All Other Design Costs.....	247
(c) Total Design Cost.....	555
(d) Contract.....	308
(e) In-house.....	247
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... MAR 2010
  - (6) Construction Completion..... MAR 2011

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 Sys	OPA	2010	1,300
Info Sys - ISC	OPA	2011	2
		TOTAL	1,302

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Commissary		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 740	7. PROJECT NUMBER 72258	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>					28,007
Commissary w/Operational Equip		m2 (SF)	11,158 ( 120,104)	2,219	(24,755)
Special Foundations		LS	--	--	(1,645)
EMCS Connection		LS	--	--	(360)
SDD and EPAct05		LS	--	--	(495)
Antiterrorism Measures		LS	--	--	(495)
Building Information Systems		LS	--	--	(257)
<u>SUPPORTING FACILITIES</u>					2,777
Electric Service		LS	--	--	(468)
Water, Sewer, Gas		LS	--	--	(519)
Paving, Walks, Curbs & Gutters		LS	--	--	(578)
Storm Drainage		LS	--	--	(122)
Site Imp( 812) Demo( )		LS	--	--	(812)
Information Systems		LS	--	--	(224)
Antiterrorism Measures		LS	--	--	(54)
ESTIMATED CONTRACT COST					30,784
CONTINGENCY (5.00%)					1,539
SUBTOTAL					32,323
SUPV, INSP & OVERHEAD (5.70%)					1,842
DESIGN/BUILD - DESIGN COST					1,293
TOTAL REQUEST					35,458
TOTAL REQUEST (ROUNDED)					35,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Commissary. The Commissary will be complete with a sales area, including a general sales and a "Grab & Go" area. Checkout area, receiving area, loading dock, meat and produce preparation areas, cold and freeze storage and other supporting areas will also be provided. Mechanical ventilation will be used where required. Heat recovery is to be used, where possible and backed up by a self contained system. Reclaim of cold air spill over from Commissary display cases will be used in conjunction with the air conditioning system. Construction will include a refrigeration support system with automatic monitoring control systems. Exterior support includes tying into the existing utilities, services, and communication system, and providing pavement for delivery trucks and car parking. Project provides walks, curbs, gutters, storm drainage, site improvements and landscaping for a complete and useable facility. Emergency building lighting and fire protection systems and mechanical space will be provided. Accessibility for persons with disabilities will be provided. Antiterrorism measures meeting minimum DoD standards are 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. Air conditioning in the retail spaces and					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Carson, Colorado		
4. PROJECT TITLE  Commissary	5. PROJECT NUMBER  72258	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>computer rooms will be provided. Government furnished and installed commissary equipment, including telephones, information technology (IT), Commissary Advanced Resale Transaction Systems (CARTS) and operational equipment is included in the cost estimate. Air Conditioning (Estimated 1,055 kW<sub>r</sub>/300 Tons).</p>		
<p>11. REQ: 11,158 m<sup>2</sup> ADQT: NONE SUBSTD: 8,946 m<sup>2</sup>  PROJECT: Construct a new standard design commissary at Fort Carson, Colorado.  (New Mission)</p>		
<p>REQUIREMENT: A new commissary is required to support Grow the Army (GTA) and other Army stationing actions. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This commissary will provide additional capacity to support the current population as well as future population. It will improve service to customers; provide new facilities and equipment as well as providing space for a variety of merchandise and services required on all military installations. Modern, functionally designed, facilities are needed for an efficient, effective workforce and operation. Ft Carson soldier population will increase by 50% through FY2011. The population increase of 37% between FY2006 and FY2008 qualifies this requirement for MILCON funding in accordance with DoD Policy. Increases are due to GTA and Global Defense Posture Realignment initiatives. Modern, functionally designed, facilities are needed for an efficient, effective workforce and operation. A new start request is not required for the commissary since they are exempt from commercial activities considerations.</p>		
<p>CURRENT SITUATION: The existing commissary store was built in 1972. The store was completely renovated and refrigeration systems replaced in 1998. Existing sales area is 41,160 square feet. Required sales area is 67,146 square feet. Sales area is 63% undersized for the projected sales volume of \$66.1 million per year. The nearest commissary is Peterson AFB, CO which is approximately a 13 mile drive.</p>		
<p>IMPACT IF NOT PROVIDED: If this project is not provided, adequate Commissary support for the population served will not be available. This will result in customer dissatisfaction and contribute to lower morale. The effects will ultimately degrade the Defense Commissary Agency's (DeCA) ability to provide high quality facilities and services to military members and their families because patrons may choose to use commercial establishments.</p>		
<p>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	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Carson, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Commissary	72258

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.....	<u>AUG 2008</u>
(b) Percent Complete As Of January 2009.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>FEB 2010</u>
(d) Date Design Complete.....	<u>MAY 2010</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 Bliss	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>778</u>
(b) All Other Design Costs.....	<u>467</u>
(c) Total Design Cost.....	<u>1,245</u>
(d) Contract.....	<u>778</u>
(e) In-house.....	<u>467</u>
(4) Construction Contract Award.....	<u>JAN 2010</u>
(5) Construction Start.....	<u>MAR 2010</u>
(6) Construction Completion.....	<u>MAR 2012</u>

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Commissary	5. PROJECT NUMBER  72258
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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: Terry S. Burns  
Phone Number: 719-526-9230

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Barracks & Dining, Increment 2		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 73674	8. PROJECT COST (\$000) Auth Approp 60,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					128,772
Barracks		m2 (SF)	48,964 ( 527,040)	2,250	(110,146)
Dining Facility		m2 (SF)	2,462 ( 26,500)	3,578	(8,808)
Special Foundations		LS	--	--	(2,608)
EMCS Connections		LS	--	--	(226)
SDD and EPAct05		LS	--	--	(2,379)
Total from Continuation page					(4,605)
<u>SUPPORTING FACILITIES</u>					4,661
Paving, Walks, Curbs & Gutters		LS	--	--	(1,638)
Storm Drainage		LS	--	--	(887)
Site Imp( 1,822) Demo( 168)		LS	--	--	(1,990)
Antiterrorism Measures		LS	--	--	(146)
ESTIMATED CONTRACT COST					133,433
CONTINGENCY (5.00%)					6,672
SUBTOTAL					140,105
SUPV, INSP & OVERHEAD (5.70%)					7,986
DESIGN/BUILD - DESIGN COST					5,604
TOTAL REQUEST					153,695
TOTAL REQUEST (ROUNDED)					154,000
INSTALLED EQT-OTHER APPROP					(1,998)
10. Description of Proposed Construction This project is Increment 2 to FY09 project number (PN) 69121. Congress authorized the full amount of \$154M and appropriated \$94M in FY09. This project requests appropriations for the remaining \$60M. Construct standard design barracks and a dining facility for an Infantry Brigade Combat Team (Light). Work includes: Battalion Site Amenities including: multipurpose courts, physical training and covered seating areas; fire protection, detection, and alarm systems; connections with the energy monitoring and control system (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Supporting facilities include fire protection; paving; privately owned vehicle parking and service area paving; walks, curbs and gutters; storm drainage; signage; information systems, lightning protection systems; and site improvements and landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Special foundations are required due to soil conditions. Heat and air conditioning will be provided via self contained systems. Air Conditioning (Estimated 4,868 kW/1,384 Tons).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																									
3. INSTALLATION AND LOCATION  Fort Carson, Colorado																											
4. PROJECT TITLE  Barracks & Dining, Increment 2	5. PROJECT NUMBER  73674																										
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">Antiterrorism Measures</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(2,379)</td> </tr> <tr> <td data-bbox="232 657 727 688">Building Information Systems</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(2,226)</td> </tr> <tr> <td colspan="3" data-bbox="232 688 1239 720"></td> <td data-bbox="1239 688 1360 720">Total</td> <td data-bbox="1360 688 1510 720">4,605</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Antiterrorism Measures	LS	--	--	(2,379)	Building Information Systems	LS	--	--	(2,226)				Total	4,605
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Antiterrorism Measures	LS	--	--	(2,379)																							
Building Information Systems	LS	--	--	(2,226)																							
			Total	4,605																							
<p>11. <u>REQ:</u> 10,019 PN <u>ADQT:</u> 7,571 PN <u>SUBSTD:</u> 2,448 PN  <u>PROJECT:</u> Construct standard design barracks and a dining facility for an Infantry Brigade Combat Team (Light) at Fort Carson, Colorado. (New Mission)  <u>REQUIREMENT:</u> This project is required to support the stationing of an Infantry Brigade Combat Team as part of the Grow the Army initiative at Fort Carson. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). Maximum intended utilization is 1,440 Soldiers. Intended utilization is 992 Junior Enlisted and 224 sergeants.  <u>CURRENT SITUATION:</u> 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 dining facilities to support the stationing of an Infantry Brigade Combat Team Light at Fort Carson.  <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to support the permanent stationing of this Infantry Brigade Combat Team to Fort Carson.  <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. 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, \$13.5M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Carson. Upon completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is 1,008 personnel at this installation.</p>																											

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Barracks & Dining, Increment 2	5. PROJECT NUMBER  73674
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	FY2009 (\$000)	Requested FY2010 (\$000)
Authorization	\$154,000	\$0
Authorization of Appropriation	\$94,000	\$60,000
Appropriation	\$94,000	\$60,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... APR 2008
    - (b) Percent Complete As Of January 2009..... 15.00
    - (c) Date 35% Designed..... JAN 2010
    - (d) Date Design Complete..... AUG 2010
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (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..... 3,500
    - (b) All Other Design Costs..... 2,100
    - (c) Total Design Cost..... 5,600
    - (d) Contract..... 3,500
    - (e) In-house..... 2,100
  
  - (4) Construction Contract Award..... DEC 2009
  
  - (5) Construction Start..... FEB 2010
  
  - (6) Construction Completion..... MAY 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Barracks & Dining, Increment 2	5. PROJECT NUMBER  73674
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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>
IIDS	OPA	2009	465
Keyless Control (Bks)	OPA	2009	1,000
Secure Keyless Doors	OPA	2010	400
Info Sys - ISC	OPA	2010	133
TOTAL			1,998

Installation Engineer: Terry S. Burns  
Phone Number: 719-526-9230

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2010  
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)				
64990	Operations Complex, Ph 3	80,000	80,000	C	117
65212	Indoor Firing Range	8,900	8,900	C	121
65691	Live Fire Exercise Shootouse	8,000	8,000	C	124
65693	Live Fire Exercise Breach Facility	4,950	4,950	C	128
65694	Non-Standard Small Arms Range	3,400	3,400	C	131
65695	Grenade Launcher Range	1,600	1,600	C	135
65697	Hand Grenade Qualification Course	1,400	1,400	C	138
65698	Urban Assault Course	2,700	2,700	C	142
65700	Anti-Armor, Tracking & Live Fire Range	3,400	3,400	C	145
65701	Automated Qualification/Training Range	12,000	12,000	C	148
65705	Light Demolition Range	2,200	2,200	C	151
65706	Basic 10M - 25M Firing Range (Zero)	3,050	3,050	C	154
	Subtotal Eglin Air Force Base Part I	\$ 131,600	131,600		
	Miami-Doral (IMCOM)				
71311	SOUTHCOM Headquarters, Incr 3	0	55,400	C	159
	Subtotal Miami-Doral Part I	\$ 0	55,400		
	* TOTAL MCA FOR Florida	\$ 131,600	187,000		

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1.COMONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Eglin Air Force Base Florida				4.PROJECT TITLE Operations Complex, Ph 3		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  721	7.PROJECT NUMBER  64990		8.PROJECT COST (\$000) Auth 80,000 Approp 80,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						62,228
Barracks		m2 (SF)	9,793 ( 105,408)		2,003	(19,612)
Vehicle Maintenance Shops		m2 (SF)	3,847 ( 41,410)		2,185	(8,406)
Tactical Communications Center		m2 (SF)	348.39 ( 3,750)		3,389	(1,181)
UAV Maintenance Gen Purpose		m2 (SF)	854.71 ( 9,200)		2,136	(1,826)
Oil Storage Buildings		m2 (SF)	159.79 ( 1,720)		2,207	(353)
Total from Continuation page						(30,850)
<u>SUPPORTING FACILITIES</u>						9,701
Electric Service		LS	--		--	(1,020)
Water, Sewer, Gas		LS	--		--	(1,050)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,109)
Storm Drainage		LS	--		--	(711)
Site Imp( 4,070) Demo( )		LS	--		--	(4,070)
Information Systems		LS	--		--	(631)
Antiterrorism Measures		LS	--		--	(110)
ESTIMATED CONTRACT COST						71,929
CONTINGENCY (5.00%)						3,596
SUBTOTAL						75,525
SUPV, INSP & OVERHEAD (5.70%)						4,305
TOTAL REQUEST						79,830
TOTAL REQUEST (ROUNDED)						80,000
INSTALLED EQT-OTHER APPROP						(1,573)
10.Description of Proposed Construction The first two phases of this complex are funded in Base Realignment and Closure 2005 (BRAC05). Phase 1, PN 65216 for \$148M was included in FY09 BRAC submittal. Phase 2, PN 72019 for \$8M is included in FY10 BRAC submittal. This is Phase 3, for \$80M. Construct a modified standard design Special Forces Group Operations Complex. The primary facilities include barracks, vehicle maintenance shops, tactical communications center, an unmanned aerial vehicle maintenance facility, oil storage buildings, organizational vehicle parking, ammunition storage magazines and an ammunition support facility, a deployment equipment storage building, a maritime operations facility, hazardous materials storage, an access control facility, a fire station, an operations/storage facility for classified information, and a standby generator. A fire detection and suppression system, intrusion detection system (IDS) installation, surveillance system, building access control, building information systems, and connections to an energy monitoring and control system (EMCS) will also be provided. Supporting facilities include all site work and utilities (electrical distribution, water, sanitary sewer, and natural gas), lighting, antenna farm, information systems, new and resurfaced roadways, parking, walks, curbs and gutters, storm drainage, fencing and screening, and landscaping. Force protection measures include building access control, surveillance, a mass notification system, standoff						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Eglin Air Force Base, Florida

4. PROJECT TITLE	5. PROJECT NUMBER
Operations Complex, Ph 3	64990

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Org. Vehicle Parking/Aprons	m2 (SY)	86,355 ( 103,280)	98.07	(8,469)
General Purpose Magazine, 5 EA	m2 (SF)	1,001 ( 10,780)	1,737	(1,740)
Segregated Magazine, 6 EA	m2 (SF)	169.08 ( 1,820)	4,246	(718)
Ammunition Support Facility	m2 (SF)	532.33 ( 5,730)	1,927	(1,026)
Organizational Storage	m2 (SF)	1,883 ( 20,270)	1,365	(2,571)
Maritime Operations Facility	m2 (SF)	1,715 ( 18,460)	1,596	(2,737)
Hazardous Material Storage	m2 (SF)	618.73 ( 6,660)	1,899	(1,175)
Access Control Facility	EA	1 --	4580005	(4,580)
Fire Station	m2 (SF)	792.46 ( 8,530)	3,056	(2,422)
Classified Ops/Storage Building	m2 (SF)	936.46 ( 10,080)	2,115	(1,981)
Standby Generator	kWe(KW)	300 ( 300)	269.00	(81)
IDS Installation	LS	--	--	(281)
EMCS Connections	LS	--	--	(164)
SDD and EAct05	LS	--	--	(877)
Antiterrorism Measures	LS	--	--	(629)
Building Information Systems	LS	--	--	(1,399)
			Total	30,850

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
distances, elevated air intakes, and laminated glass for windows and doors. Access for individuals 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 and Energy Policy Act 2005 (EAct05) features will be provided. Air Conditioning (Estimated 1,449 kW/412 Tons).

11. REQ: 288 PN ADQT: NONE SUBSTD: 288 PN  
PROJECT: Construct an Operations Complex, Phase 3 at Eglin AFB, Florida. (Current Mission)  
REQUIREMENT: This project is required to provide a billeting and operations complex to support the Special Forces Group (Airborne). Maximum barracks utilization is 288 Soldiers. Intended utilization is 198 Junior Enlisted and 45 Sergeants.  
CURRENT SITUATION: There are no existing facilities either on or off Eglin Air Force Base available to meet the requirement.  
IMPACT IF NOT PROVIDED: If this project is not provided, the Special Forces Group, (Airborne) will not be adequately housed at Eglin AFB, FL.  
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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Operations Complex, Ph 3	5. PROJECT NUMBER  64990
--	--------------------------------

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.

	FY2009 (\$000)	Requested FY2010 (\$000)	Requested FY2010 (\$000)
Authorization	\$148,000	\$8,000	\$80,000
Authorization of Appropriation	\$148,000	\$8,000	\$80,000
Appropriation	\$148,000	\$8,000	\$80,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... OCT 2006
    - (b) Percent Complete As Of January 2009..... 100.00
    - (c) Date 35% Designed..... JUL 2007
    - (d) Date Design Complete..... AUG 2008
    - (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 Lewis
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 3,023

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Operations Complex, Ph 3	5. PROJECT NUMBER  64990
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	3,023
(c) Total Design Cost.....	6,046
(d) Contract.....	3,023
(e) In-house.....	3,023
(4) Construction Contract Award.....	DEC 2009
(5) Construction Start.....	FEB 2010
(6) Construction Completion.....	DEC 2011

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>
Security Systems	OPA	2011	294
Info Sys - ISC	OPA	2011	1,279
		TOTAL	1,573

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida				4. PROJECT TITLE Indoor Firing Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 171	7. PROJECT NUMBER 65212		8. PROJECT COST (\$000) Auth 8,900 Approp 8,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,119
Indoor Firing Range		m2 (SF)	2,137 ( 23,000)		3,210	(6,858)
EMCS Connection		EA	1 --		7,000	(7)
SDD and EPAct05		LS	--		--	(136)
Antiterrorism Measures		LS	--		--	(100)
Building Information Systems		LS	--		--	(18)
<u>SUPPORTING FACILITIES</u>						909
Electric Service		LS	--		--	(121)
Water, Sewer, Gas		LS	--		--	(21)
Steam And/Or Chilled Water Dist		LS	--		--	(154)
Paving, Walks, Curbs & Gutters		LS	--		--	(80)
Storm Drainage		LS	--		--	(102)
Site Imp( 399) Demo( )		LS	--		--	(399)
Information Systems		LS	--		--	(13)
Antiterrorism Measures		LS	--		--	(19)
ESTIMATED CONTRACT COST						8,028
CONTINGENCY (5.00%)						401
SUBTOTAL						8,429
SUPV, INSP & OVERHEAD (5.70%)						480
TOTAL REQUEST						8,909
TOTAL REQUEST (ROUNDED)						8,900
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Special Operations Forces (SOF) Indoor Range consisting of: shooting lanes, weapons cleaning area, range officer control booth, administrative offices, and a latrine. The building includes HVAC for a shooting range meeting OSHA standards and a lighting system designed to accommodate lighted shooting as well as night vision equipment. Fire detection, fire suppression, surveillance, and access control systems will be provided. Project will include connection to Eglin AFB energy monitoring and control system (EMCS). Supporting facilities include electric service, water, sewer, and gas, steam/chilled water distribution, walks, curbs and gutters, storm drainage, site improvements, and information systems. Heating will be provided by a self-contained unit and air conditioning will be provided by a central energy plant. Antiterrorism/force protection measures include fencing and exterior lighting. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 380 kWr/108 Tons).						
11. REQ:		2,137 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a standard design Indoor Range at Eglin Air force Base, Florida. (Current Mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Indoor Firing Range	5. PROJECT NUMBER  65212
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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..... | 306 |
| (b) All Other Design Costs.....                 | 204 |
| (c) Total Design Cost.....                      | 510 |
| (d) Contract.....                               | 408 |
| (e) In-house.....                               | 102 |
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida			4. PROJECT TITLE Live Fire Exercise Shoothouse		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65691	8. PROJECT COST (\$000) Auth 8,000 Approp 8,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					7,002
SOF Shoot House Complex		EA	1 --	6104060	(6,104)
After Action Review Theater		m2 (SF)	107.02 ( 1,152)	2,207	(236)
Operations and Storage Building		m2 (SF)	74.32 ( 800)	1,541	(115)
Vault Latrine		m2 (SF)	18.58 ( 200)	2,517	(47)
Range Operation Control Area		EA	1 --	180,185	(180)
Total from Continuation page					(320)
<u>SUPPORTING FACILITIES</u>					181
Electric Service		LS	--	--	(68)
Paving, Walks, Curbs & Gutters		LS	--	--	(60)
Information Systems		LS	--	--	(53)
ESTIMATED CONTRACT COST					7,183
CONTINGENCY (5.00%)					359
SUBTOTAL					7,542
SUPV, INSP & OVERHEAD (5.70%)					430
TOTAL REQUEST					7,972
TOTAL REQUEST (ROUNDED)					8,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard Special Operations Forces (SOF) Shoot House Complex. Primary facilities include the shoot house complex, a 100-meter flat range, after action review building, operations & storage building, vault latrine, range operation control area, ammo breakdown building and building information systems. The live-fire shooting houses are structures arranged around a courtyard. Catwalks are protected on building side by ballistic shields. Supporting facilities for the project include electric service, paving, walks, curbs, and gutters, 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: 1 EA ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard Special Operations Forces (SOF) Shoot House Complex at Eglin Air Force Base, Florida. (Current Mission)					
REQUIREMENT: The Shoot House 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 (enter and clear a room; enter and clear a building), engage targets, conduct breaches and practice target discrimination. This project supports Special Operations Soldiers. Number of					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Live Fire Exercise Shoothouse	5. PROJECT NUMBER  65691
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
100m Flat Range w/Pavillion	FP	10 --	23,664	(237)
Ammo Breakdown Building	m2 (SF)	22.30 ( 240)	3,031	(68)
SDD and EPAct05	LS	--	--	(8)
Building Information Systems	LS	--	--	(7)
			Total	320

REQUIREMENT: (CONTINUED)  
active component Soldiers required to deploy must have training in a live fire environment. Total number of training days available to support live fire shooting in an urban zone drive the throughput gunnery needs. This project supports the number of Soldiers who require this training.

CURRENT SITUATION: Special Operations Forces (SOF) currently do not have adequate Shoot House training facilities. Increased training requirements generated from lessons learned from current deployed units dictate an increase in live fire shooting training events. Number of assigned 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 SOF Soldiers 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 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Live Fire Exercise Shoothouse	5. PROJECT NUMBER  65691
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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 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 226
  - (b) All Other Design Costs..... 150
  - (c) Total Design Cost..... 376
  - (d) Contract..... 188
  - (e) In-house..... 188
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Live Fire Exercise Shootouse	5. PROJECT NUMBER  65691
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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: COL Michelle Stewart  
Phone Number: (910) 432-1296

1. COMPONENT <b>ARMY</b>	FY 2010      MILITARY CONSTRUCTION PROJECT DATA	2. DATE <b>12 MAY 2009</b>		
3. INSTALLATION AND LOCATION <b>Eglin Air Force Base Florida</b>		4. PROJECT TITLE <b>Live Fire Exercise Breach Facility</b>		
5. PROGRAM ELEMENT <b>22212A</b>	6. CATEGORY CODE <b>178</b>	7. PROJECT NUMBER <b>65693</b>		
		8. PROJECT COST (\$000) Auth <b>4,950</b> Approp <b>4,950</b>		
9. COST ESTIMATES				
<u>ITEM</u>	<u>UM (M/E)</u>	<u>QUANTITY</u>	<u>UNIT COST</u>	<u>COST (\$000)</u>
<u>PRIMARY FACILITY</u>				
Breach Facility	FP	5 --	333,670	3,467 (1,668)
Safety Berms	m3 (CY)	42,754 ( 55,920)	29.13	(1,246)
Classroom Building	m2 (SF)	74.32 ( 800)	2,304	(171)
Ammo Breakdown Building, 3 ea	m2 (SF)	33.45 ( 360)	2,111	(71)
Vault Latrine	m2 (SF)	18.58 ( 200)	3,243	(60)
Total from Continuation page				(251)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	(298)
Site Imp( 658) Demo( )	LS	--	--	(658)
Information Systems	LS	--	--	(50)
ESTIMATED CONTRACT COST				4,473
CONTINGENCY (5.00%)				224
SUBTOTAL				4,697
SUPV, INSP & OVERHEAD (5.70%)				268
TOTAL REQUEST				4,965
TOTAL REQUEST (ROUNDED)				4,950
INSTALLED EQT-OTHER APPROP				()
10. Description of Proposed Construction      Construct a standard design Special Operations Forces Breach Facility. Primary facilities include the breach facility, safety berms, classroom building, ammunition breakdown buildings, latrine, operations and storage building, operations and control area, and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service, site improvements, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Air Conditioning (Estimated 14 kW/4 Tons).				
11. REQ:                    5 FP    ADQT:                    NONE      SUBSTD:                    NONE				
PROJECT: Construct a standard design Special Operations Forces Breach Facility at Eglin Air Force Base, Florida. (Current Mission)				
REQUIREMENT: The SOF breach facility is required to provide realistic and challenging concurrent training of advanced ballistic, explosive, and mechanical breaching techniques. The diversity of breach configurations integrating multifaceted obstacles provides realistic training environments for more robust situational development in the individual Soldier and for collaborative development of unit skills.				

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Live Fire Exercise Breach Facility	5. PROJECT NUMBER  65693
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Range Operations & Storage	m2 (SF)	74.32 ( 800)	2,101	(156)
Range Operations & Control Area	EA	1 --	75,328	(75)
SDD and EPAct05	LS	--	--	(7)
Antiterrorism Measures	LS	--	--	(7)
Building Information Systems	LS	--	--	(6)
			Total	251

CURRENT SITUATION: No training facility of this type currently exists at Eglin Air Force Base, Florida. Existing training facilities do not support multifaceted requirements of diverse breaching technique environments for realistic training under battlefield stress conditions. The requirement for breach facility training involves safety features not available with traditional existing training facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers of Special Forces Operations Group that rely on Eglin Air Force Base, Florida for training will not be able to fully exercise breach engagement 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. 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.....	JAN 2008
(b) Percent Complete As Of January 2009.....	35.00
(c) Date 35% Designed.....	JAN 2009
(d) Date Design Complete.....	AUG 2009

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Live Fire Exercise Breach Facility	5. PROJECT NUMBER  65693
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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:  
Eglin Air Force Base

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

(a) Production of Plans and Specifications.....	<u>192</u>
(b) All Other Design Costs.....	<u>128</u>
(c) Total Design Cost.....	<u>320</u>
(d) Contract.....	<u>160</u>
(e) In-house.....	<u>160</u>

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

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

(6) Construction Completion..... MAR 2011

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: COL Michelle Stewart  
Phone Number: 910-432-1296

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida			4. PROJECT TITLE Non-Standard Small Arms Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65694	8. PROJECT COST (\$000) Auth 3,400 Approp 3,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,568
Trap Target Area		FP	1 --	40,864	(41)
25 m Flat Range		LS	--	--	(17)
10m Shot Dispersion Range		LS	--	--	(13)
Shotgun Assault Zone		LS	--	--	(182)
Maze Zone		LS	--	--	(762)
Total from Continuation page					(1,553)
<u>SUPPORTING FACILITIES</u>					514
Electric Service		LS	--	--	(298)
Site Imp( 150) Demo( )		LS	--	--	(150)
Information Systems		LS	--	--	(66)
ESTIMATED CONTRACT COST					3,082
CONTINGENCY (5.00%)					154
SUBTOTAL					3,236
SUPV, INSP & OVERHEAD (5.70%)					184
TOTAL REQUEST					3,420
TOTAL REQUEST (ROUNDED)					3,400
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct an Army Special Operations Force (SOF) Shotgun Assault Course. Primary facilities include Trap Target Area, a 25m flat range, a 10m shot dispersion range, shotgun assault zone, maze zone, crawlspace obstacle, bleacher enclosure, ammunition breakdown building, vault latrine, fencing and lighting, range operations and control area, downrange electrical, and building information systems. There will be three individual ranges along with an assault/obstacle course. Supporting facilities include electric service, site improvements and information systems. Surface and subsurface clearance of unexploded ordnance will be performed using other funding sources. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided.					
11. REQ: 6 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an SOF Shotgun Assault Course at Eglin Air Force Base, Florida. (Current Mission)					
REQUIREMENT: The SOF shotgun assault course is required to provide realistic and challenging shotgun familiarization, basic and advanced marksmanship training, and live-fire combat employment techniques. The diversity of range layouts integrating close-quarter, short-distance engagements with maximum effective range engagements provides realistic training environments for more					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Non-Standard Small Arms Range	5. PROJECT NUMBER  65694
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Crawlspace Obstacle	LS	--	--	(302)
Bleacher Enclosure	m2 (SF)	54.44 ( 586)	1,787	(97)
Ammo Breakdown Building	m2 (SF)	33.45 ( 360)	2,112	(71)
Vault Latrine	m2 (SF)	18.58 ( 200)	3,243	(60)
Fence	m (LF)	3,383 ( 11,100)	89.53	(303)
Exterior Lighting	m (LF)	3,383 ( 11,100)	101.87	(345)
Range Operations Control Area	m2 (SF)	. 9 ( 1)	855,111	(77)
Downrange Electrical	LS	--	--	(281)
SDD and EPAct05	LS	--	--	(5)
Antiterrorism Measures	LS	--	--	(3)
Building Information Systems	LS	--	--	(9)
			Total	1,553

REQUIREMENT: (CONTINUED)

robust situational development in the individual Soldier and for collaborative development of unit skills.

CURRENT SITUATION: No training facility of this type currently exists at Eglin Air Force Base, Florida. Existing training facilities do not support multifaceted requirements of diverse shotgun assault course environments for realistic training under battlefield stress conditions. The requirement for shotgun assault course training involves safety features not available with traditional existing training facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers of Special Operations Group that rely on Eglin Air Force Base, Florida for training will not be able to fully exercise shotgun engagement combat procedures. The Soldiers and units will not receive complete exposure to training standards, resulting in 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. 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.COMONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
3.INSTALLATION AND LOCATION  Eglin Air Force Base, Florida		
4.PROJECT TITLE  Non-Standard Small Arms Range	5.PROJECT NUMBER  65694	
ADDITIONAL: (CONTINUED)		
Executive Orders.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 2008	<u>        </u>
(b) Percent Complete As Of January 2009.....	35.00	<u>        </u>
(c) Date 35% Designed.....	JAN 2009	<u>        </u>
(d) Date Design Complete.....	JUL 2009	<u>        </u>
(e) Parametric Cost Estimating Used to Develop Costs	YES	<u>        </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.....	166	<u>        </u>
(b) All Other Design Costs.....	110	<u>        </u>
(c) Total Design Cost.....	276	<u>        </u>
(d) Contract.....	138	<u>        </u>
(e) In-house.....	138	<u>        </u>
(4) Construction Contract Award.....		
	JAN 2010	<u>        </u>
(5) Construction Start.....		
	MAR 2010	<u>        </u>
(6) Construction Completion.....		
	MAR 2011	<u>        </u>

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Non-Standard Small Arms Range	5. PROJECT NUMBER  65694
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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>
NA			

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida				4. PROJECT TITLE Grenade Launcher Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65695		8. PROJECT COST (\$000) Auth 1,600 Approp 1,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						955
Grenade Launcher Range		FP	4	--	27,591	(110)
Range Operations Control Area		EA	1	--	113,727	(114)
Range Operations Center		m2 (SF)	74.32	( 800)	2,101	(156)
Range Operations & Storage		m2 (SF)	74.32	( 800)	2,101	(156)
Vault Latrine		m2 (SF)	18.58	( 200)	3,243	(60)
Total from Continuation page						(359)
<u>SUPPORTING FACILITIES</u>						473
Electric Service		LS	--	--	--	(298)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(114)
Storm Drainage		LS	--	--	--	(4)
Information Systems		LS	--	--	--	(57)
ESTIMATED CONTRACT COST						1,428
CONTINGENCY (5.00%)						71
SUBTOTAL						1,499
SUPV, INSP & OVERHEAD (5.70%)						85
TOTAL REQUEST						1,584
TOTAL REQUEST (ROUNDED)						1,600
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct an Army Special Operations Force (SOF) Grenade Launcher Range. Primary facilities include the Grenade Launcher Range, range operations and control area, range operations center, operations and storage building, latrine, bleacher enclosure, ammunition breakdown facility, covered mess, classroom building, and building information systems. Antiterrorism protection measures will be included. Supporting facilities include electric service, paving, storm drainage, 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 an SOF Grenade Launcher Range at Eglin Air Force Base, Florida. (Current Mission)						
REQUIREMENT: The SOF Grenade Launcher Range is required to provide realistic and challenging grenade launcher familiarization, basic and advanced marksmanship training, and live-fire combat employment techniques. The diversity of range layouts integrating close-quarter, short-distance engagements with maximum effective range engagements provides realistic training environments for more robust situational development in the						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Grenade Launcher Range	5. PROJECT NUMBER  65695
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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 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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..... 54
  - (b) All Other Design Costs..... 36
  - (c) Total Design Cost..... 90
  - (d) Contract..... 45
  - (e) In-house..... 45
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2011

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: COL Michelle Stewart  
Phone Number: 910-432-1296

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida			4. PROJECT TITLE Hand Grenade Qualification Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65697	8. PROJECT COST (\$000) Auth 1,400 Approp 1,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY		COST (\$000)
<u>PRIMARY FACILITY</u>					723
Hand Grenade Qual Course		FP	7	--	1,106 (8)
Range Operations Control Area		EA	1	--	90,344 (90)
Down Range Electrical		m (LF)	518.16	( 1,700)	110.88 (57)
Operations & Storage Building		m2 (SF)	74.32	( 800)	2,101 (156)
Vault Latrine		m2 (SF)	18.58	( 200)	3,243 (60)
Total from Continuation page					(352)
<u>SUPPORTING FACILITIES</u>					520
Electric Service		LS	--	--	(298)
Paving, Walks, Curbs & Gutters		LS	--	--	(114)
Storm Drainage		LS	--	--	(4)
Site Imp( 38) Demo( )		LS	--	--	(38)
Information Systems		LS	--	--	(66)
ESTIMATED CONTRACT COST					1,243
CONTINGENCY (5.00%)					62
SUBTOTAL					1,305
SUPV, INSP & OVERHEAD (5.70%)					74
TOTAL REQUEST					1,379
TOTAL REQUEST (ROUNDED)					1,400
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Hand Grenade Qualification Course (HGQC). Primary facilities include the HGQC with multiple training stations, standard small range operations area, range operations center area, operations and storage building, classroom building, enclosed bleacher area, vault latrine, covered mess, ammunition breakdown building and building information systems. Supporting facilities include primary electrical 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 11 kW/3 Tons).					
11. REQ: 7 FP		ADQT: NONE		SUBSTD: NONE	
PROJECT: Construct a Hand Grenade Qualification Course at Eglin Air force Base, Florida. (Current Mission)					
REQUIREMENT: The Hand Grenade Qualification Course is required to provide realistic and challenging hand grenade familiarization, basic and advanced training, and live-fire combat employment techniques. The diversity of range layouts integrating close-quarter, short-distance engagements with maximum effective range engagements provides realistic training environments for more robust situational development in the individual Soldier and for collaborative					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Hand Grenade Qualification Course	5. PROJECT NUMBER  65697
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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)	54.44 ( 586)	1,043	(57)
Covered Mess	m2 (SF)	74.32 ( 800)	1,038	(77)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)	2,111	(24)
Classroom Building	m2 (SF)	74.32 ( 800)	2,304	(171)
SDD and EPAct05	LS	--	--	(7)
Antiterrorism Measures	LS	--	--	(7)
Building Information Systems	LS	--	--	(9)
			Total	352

REQUIREMENT: (CONTINUED)  
development of unit skills.

CURRENT SITUATION: No training facility of this type currently exists at Eglin Air Force Base. Existing training facilities do not support multifaceted requirements of diverse hand grenade course environments for realistic training under battlefield stress conditions. The requirement for hand grenade course training involves safety features not available with traditional existing training facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, the Soldiers of Special Operations Group that rely on Eglin Air Force Base, Florida for training will not be able to fully exercise hand grenade engagement combat procedures. The Soldiers and units will not receive complete exposure to training standards, resulting in 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. 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
 Eglin Air Force Base, Florida

4. PROJECT TITLE	5. PROJECT NUMBER
Hand Grenade Qualification Course	65697

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JAN 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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..... 51
  - (b) All Other Design Costs..... 35
  - (c) Total Design Cost..... 86
  - (d) Contract..... 43
  - (e) In-house..... 43
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  Eglin Air Force Base, Florida
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4. PROJECT TITLE  Hand Grenade Qualification Course	5. PROJECT NUMBER  65697
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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: COL Michelle Stewart  
Phone Number: (910) 432-1296

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida			4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65698	8. PROJECT COST (\$000) Auth 2,700 Approp 2,700		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,128
Urban Assault Course		FP	5 --	367,353	(1,837)
Range Operations & Control Area		EA	1 --	67,233	(67)
Operations & Storage Building		m2 (SF)	74.32 ( 800)	2,101	(156)
Vault Latrine		m2 (SF)	18.58 ( 200)	3,243	(60)
SDD and EPAct05		LS	--	--	(3)
Total from Continuation page					(5)
<u>SUPPORTING FACILITIES</u>					296
Electric Service		LS	--	--	(87)
Water, Sewer, Gas		LS	--	--	(6)
Paving, Walks, Curbs & Gutters		LS	--	--	(33)
Storm Drainage		LS	--	--	(35)
Site Imp( 97) Demo( )		LS	--	--	(97)
Information Systems		LS	--	--	(33)
Antiterrorism Measures		LS	--	--	(5)
ESTIMATED CONTRACT COST					2,424
CONTINGENCY (5.00%)					121
SUBTOTAL					2,545
SUPV, INSP & OVERHEAD (5.70%)					145
TOTAL REQUEST					2,690
TOTAL REQUEST (ROUNDED)					2,700
INSTALLED EQT-OTHER APPROP					(1,040)
10. Description of Proposed Construction Construct a standard Urban Assault Course (UAC). Primary Facilities are located within the perimeter of the range complex and include the Urban Assault Course, range operations and control area, operations and storage building, latrine, and, building information systems. Supporting facilities include electric service, water, paving, storm drainage, site improvements, and information systems. Antiterrorism protection measures will be included. 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: 5 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard urban assault course at Eglin Air Force Base, Florida. (Current Mission)					
REQUIREMENT: The urban assault course is required to provide performance oriented training to Special Forces Group 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 initial training. This training course and range will allow for both individual and					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Urban Assault Course	5. PROJECT NUMBER  65698
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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	--	--	(3)
Building Information Systems	LS	--	--	(2)
			Total	5

REQUIREMENT: (CONTINUED)  
collective hands-on training enhancing doctrinal understanding and skill development.

CURRENT SITUATION: Eglin AFB does not have ranges to support the Special Forces Group training requirements. The need will not be met.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a continuation of major training shortfalls for Special Forces Group units training at Eglin AFB. 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 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..... JAN 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... JUL 2009
    - (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:

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Urban Assault Course	5. PROJECT NUMBER  65698
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	130
(b) All Other Design Costs.....	86
(c) Total Design Cost.....	216
(d) Contract.....	108
(e) In-house.....	108
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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 Sys	OPA	2010	1,039
Info Sys - ISC	OPA	2011	1
		TOTAL	1,040

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida				4. PROJECT TITLE Anti-Armor, Tracking & Live Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65700		8. PROJECT COST (\$000) Auth 3,400 Approp 3,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,807
Anti-Armor Tracking Range		FP	1	--	2286052	(2,286)
Range Operations & Control Area		EA	1	--	174,369	(174)
Range Operations Tower		m2 (SF)	23.97	( 258)	4,830	(116)
Operations/Storage		m2 (SF)	74.32	( 800)	1,255	(93)
Vault Latrine		m2 (SF)	18.58	( 200)	2,868	(53)
Total from Continuation page						(85)
<u>SUPPORTING FACILITIES</u>						256
Electric Service		LS	--	--	--	(73)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(46)
Storm Drainage		LS	--	--	--	(18)
Site Imp( 3) Demo( )		LS	--	--	--	(3)
Information Systems		LS	--	--	--	(116)
ESTIMATED CONTRACT COST						3,063
CONTINGENCY (5.00%)						153
SUBTOTAL						3,216
SUPV, INSP & OVERHEAD (5.70%)						183
TOTAL REQUEST						3,399
TOTAL REQUEST (ROUNDED)						3,400
INSTALLED EQT-OTHER APPROP						(1,231)
10. Description of Proposed Construction Construct a Special Operations Force (SOF) Anti-Armor Tracking Range (AATR). Primary facilities include the AATR, range operations and control area, range operations tower, operations/storage building, latrine, and building information systems. Supporting facilities include electric service, paving, 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 <sub>r</sub> /5 Tons).						
11. REQ: 1 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a SOF Anti-Armor Tracking Range at Eglin Air Force Base, Florida. (Current Mission)						
REQUIREMENT: This complex is used to train and test Soldiers on the skills necessary to employ weapons, identify, track, engage and defeat stationary and moving armor targets presented individually or as part of a tactical array. The complex is designed to satisfy the training and qualification requirements of medium and heavy anti-armor weapon systems.						
CURRENT SITUATION: Eglin AFB does not have ranges to support the Special Forces Group training requirements. The need will not be met.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Anti-Armor, Tracking & Live Fire Range	5. PROJECT NUMBER  65700
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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	--	--	(4)
Building Information Systems	LS	--	--	(81)
			Total	85

IMPACT IF NOT PROVIDED: If this project is not provided, the Special Forces Group training will not be supported. Training on anti-armor ranges will not be available for the program of instruction reducing training 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..... JAN 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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..... 204
  - (b) All Other Design Costs..... 554
  - (c) Total Design Cost..... 758
  - (d) Contract..... 383
  - (e) In-house..... 375

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Anti-Armor, Tracking & Live Fire Range	5. PROJECT NUMBER  65700
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

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	2010	1,224
Info Sys - ISC	OPA	2011	7
		TOTAL	<u>1,231</u>

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida			4. PROJECT TITLE Automated Qualification/Training Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 65701	8. PROJECT COST (\$000) Auth 12,000 Approp 12,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY		COST (\$000)
<u>PRIMARY FACILITY</u>					9,652
Qualification/Training Range		EA	1 --		8732674 (8,733)
Range Operations Tower		m2 (SF)	47.57 ( 512)		4,324 (206)
Operations & Storage Building		m2 (SF)	74.32 ( 800)		1,541 (115)
Vault Latrine		m2 (SF)	18.58 ( 200)		2,517 (47)
Bleacher Enclosure		m2 (SF)	54.44 ( 586)		1,367 (74)
Total from Continuation page					(477)
<u>SUPPORTING FACILITIES</u>					1,176
Electric Service		LS	--		-- (1,061)
Information Systems		LS	--		-- (115)
ESTIMATED CONTRACT COST					10,828
CONTINGENCY (5.00%)					541
SUBTOTAL					11,369
SUPV, INSP & OVERHEAD (5.70%)					648
TOTAL REQUEST					12,017
TOTAL REQUEST (ROUNDED)					12,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a Special Operations Force (SOF) Qualification Training Range (QTR). Primary facilities include the QTR, range operations tower, operations and storage building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, classroom building, range operations and control area, and building information systems. Antiterrorism protection measures will be included. 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: 37 FP ADQT: NONE SUBSTD: NONE PROJECT: Construct a Special Operations Force (SOF) Qualification Training Range (QTR) at Eglin Air Force Base, Florida. (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 the Modified Record Fire Range, the Combat Pistol Qualification Course, and the Multipurpose Machine Gun Range into a multi-use training facility reducing land, maintenance, and unit overhead requirements. This facility enhances					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Automated Qualification/Training Range	5. PROJECT NUMBER  65701
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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)	917.44	(68)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)	3,031	(34)
Classroom Building	m2 (SF)	148.64 ( 1,600)	1,030	(153)
Range Operations Control Area	EA	1 --	151,879	(152)
SDD and EPAct05	LS	--	--	(6)
Antiterrorism Measures	LS	--	--	(1)
Building Information Systems	LS	--	--	(63)
			Total	477

REQUIREMENT: (CONTINUED)

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.

CURRENT SITUATION: Eglin AFB does not have ranges to support the Special Forces Group training requirements. The need will not be met.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a significant adverse effect on unit training. The Special Forces Group will not be able to attain the degree of proficiency required for combat. Uniformed service members will be placed in harms way without minimum essential urban warfare skills needed to ensure survivability in hostile environments.

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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Automated Qualification/Training Range	5. PROJECT NUMBER  65701
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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 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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..... 348
  - (b) All Other Design Costs..... 232
  - (c) Total Design Cost..... 580
  - (d) Contract..... 290
  - (e) In-house..... 290
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2011

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: COL Michelle Stewart  
Phone Number: 910-432-1296

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida				4. PROJECT TITLE Light Demolition Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65705		8. PROJECT COST (\$000) Auth 2,200 Approp 2,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,596
Light Demolition Range		FP	6	--	223,656	(1,342)
Vault Latrine		m2 (SF)	18.58	( 200)	3,243	(60)
Ammo Issue Building		m2 (SF)	74.32	( 800)	2,102	(156)
SDD and EPAct05		LS	--	--	--	(3)
Antiterrorism Measures		LS	--	--	--	(26)
Building Information Systems		LS	--	--	--	(9)
<u>SUPPORTING FACILITIES</u>						379
Site Imp( 313) Demo( )		LS	--	--	--	(313)
Information Systems		LS	--	--	--	(66)
ESTIMATED CONTRACT COST						1,975
CONTINGENCY (5.00%)						99
SUBTOTAL						2,074
SUPV, INSP & OVERHEAD (5.70%)						118
TOTAL REQUEST						2,192
TOTAL REQUEST (ROUNDED)						2,200
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Light Demolition Range Complex (LDRC). Primary facilities include the LDRC, ammo issue building, vault latrine and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include site improvements and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided.						
11. REQ:		6 FP	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a standard design Light Demolition Range Complex (LDRC) at Eglin Air Force Base. (Current Mission)						
REQUIREMENT: The Light Demolition Range Complex (LDRC) is required to provide explosive ordnance and combat engineering demolition training to the Soldiers of the Special Forces Group (SFG). This training area supports: wire obstacle clearance, minefield breaching, steel obstacle clearance, timber clearance, concrete obstacle clearance and road cratering.						
CURRENT SITUATION: Eglin AFB does not have ranges to support the SFG training requirements. The need is not currently being met.						
IMPACT IF NOT PROVIDED: If this project is not provided, the SFG units will not have current Army standard demolition and breach training facilities. Ultimately, units may enter future combat unprepared to employ the full						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Light Demolition Range	5. PROJECT NUMBER  65705
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IMPACT IF NOT PROVIDED: (CONTINUED)  
capabilities of the techniques 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 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..... JAN 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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..... 92
  - (b) All Other Design Costs..... 62
  - (c) Total Design Cost..... 154
  - (d) Contract..... 77
  - (e) In-house..... 77
  
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  Eglin Air Force Base, Florida	
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4. PROJECT TITLE  Light Demolition Range	5. PROJECT NUMBER  65705
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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: COL Michelle Stewart  
Phone Number: 910-432-1296

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Eglin Air Force Base Florida				4. PROJECT TITLE Basic 10M - 25M Firing Range (Zero)		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65706		8. PROJECT COST (\$000) Auth 3,050 Approp 3,050	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,241
25 Meter Zero Range		FP	32 --		29,908	(957)
Range Control Tower		m2 (SF)	47.57 ( 512)		2,450	(117)
Range Operations and Storage		m2 (SF)	74.32 ( 800)		2,101	(156)
Classroom Building		m2 (SF)	74.32 ( 800)		2,304	(171)
Vault Latrine		m2 (SF)	18.58 ( 200)		3,243	(60)
Total from Continuation page						(780)
<u>SUPPORTING FACILITIES</u>						497
Electric Service		LS	--		--	(317)
Paving, Walks, Curbs & Gutters		LS	--		--	(45)
Storm Drainage		LS	--		--	(14)
Information Systems		LS	--		--	(121)
ESTIMATED CONTRACT COST						2,738
CONTINGENCY (5.00%)						137
SUBTOTAL						2,875
SUPV, INSP & OVERHEAD (5.70%)						164
TOTAL REQUEST						3,039
TOTAL REQUEST (ROUNDED)						3,050
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard Special Operations Force (SOF) 25 Meter Zero Range. Primary facilities include the 25 Meter Zero Range, range operations and control area, range control tower, operations and storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service, paving, storm drainage, 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: 32 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard SOF 25 Meter Zero Range at Eglin Air Force Base, Florida. (Current Mission)						
REQUIREMENT: This project is required to support annual weapons training for Special Operations Soldiers. This range is used to train and test individual Soldiers on skills necessary to align the sights and practice basic marksmanship techniques against stationary targets. The range is designed for training Shot-Grouping and Zeroing exercises with the M16 and M4 series rifles as well as crew served machine guns. Modern, target dense training environments are important skill qualifiers for individual Soldiers. This						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Basic 10M - 25M Firing Range (Zero)	5. PROJECT NUMBER  65706
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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)	54.44 ( 586)	1,043	(57)
Covered Mess	m2 (SF)	72 ( 775)	1,039	(75)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)	2,111	(24)
Range Operations & Control Area	LS	--	--	(545)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(61)
			Total	780

REQUIREMENT: (CONTINUED)

range supports the installation Range Development Plan and the individual skill training and weapons qualification requirements.

CURRENT SITUATION: Increased need for marksmanship training and basic weapons skills requires additional throughput for SOF Soldiers. Existing ranges at SOF home station do not support this increased training requirement. Other homestation units require similar increased weaponry training. The nature of SOF unit deployment operations limit traditional scheduling of ranges and require dedicated assets.

IMPACT IF NOT PROVIDED: If this project is not provided, SOF units will not receive small arms training suitable for current demands and proficiencies. Training on small arms ranges will not be available for the program of instruction reducing training effectiveness and increasing the period needed for small arms skill development.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4. PROJECT TITLE  Basic 10M - 25M Firing Range (Zero)	5. PROJECT NUMBER  65706
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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 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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..... 137
  - (b) All Other Design Costs..... 91
  - (c) Total Design Cost..... 228
  - (d) Contract..... 114
  - (e) In-house..... 114
  
- (4) Construction Contract Award..... DEC 2009
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2011

1.COMONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
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3.INSTALLATION AND LOCATION  
  
Eglin Air Force Base, Florida

4.PROJECT TITLE  Basic 10M - 25M Firing Range (Zero)	5.PROJECT NUMBER  65706
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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: COL Michelle Stewart  
Phone Number: 910-432-1296

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1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Miami-Doral Florida				4. PROJECT TITLE SOUTHCOM Headquarters, Incr 3		
5. PROGRAM ELEMENT  22096A		6. CATEGORY CODE  610	7. PROJECT NUMBER  71311		8. PROJECT COST (\$000) Auth Approp 55,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						170,520
Command and Control Facility		m2 (SF)	43,262 ( 465,670)		2,492	(107,815)
Coalition/Interagency Center		m2 (SF)	4,680 ( 50,373)		2,317	(10,845)
Mission Support Center		m2 (SF)	9,300 ( 100,102)		1,646	(15,311)
Air Conditioning Plant		kW <sub>r</sub> (TN)	7,368 ( 2,095)		956.20	(7,045)
Standby Generator		EA	6 --		281,000	(1,686)
Total from Continuation page						(27,818)
<u>SUPPORTING FACILITIES</u>						32,227
Electric Service		LS	--		--	(11,357)
Water, Sewer, Gas		LS	--		--	(1,268)
Steam And/Or Chilled Water Dist		LS	--		--	(56)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,566)
Storm Drainage		LS	--		--	(1,575)
Site Imp(11,976) Demo( )		LS	--		--	(11,976)
Information Systems		LS	--		--	(530)
Antiterrorism Measures		LS	--		--	(2,803)
Guard Gatehouse		LS	--		--	(96)
ESTIMATED CONTRACT COST						202,747
CONTINGENCY (5.00%)						10,137
SUBTOTAL						212,884
SUPV, INSP & OVERHEAD (5.70%)						12,134
DESIGN/BUILD - DESIGN COST						8,515
TOTAL REQUEST						233,533
TOTAL REQUEST (ROUNDED)						233,533
INSTALLED EQT-OTHER APPROP						(82,096)
10. Description of Proposed Construction This is increment 3 of a 3 increment project. The first increment was PN 68264 in the FY2008 program. Congress authorized the full amount of \$237M and appropriated \$100M (which includes \$3.467M for a Child Development Center removed from the original project)for FY2008 instructing the Army that it should submit a request for the remaining \$137M in subsequent year(s). Increment 2, PN 71062 was submitted in FY09 with a request for \$81.6M. This project, PN 71311 is submitted as Increment 3 with a request for appropriation of the remaining \$55.4M. The HQ Complex will include administrative and operational space, instructional spaces, general and video conferencing space, open and secure storage to include document and communications vaults, secure and general operations, sensitive compartment information facility (SCIF), coalition interagency operations, auditorium with translator booths, child development services and playground, storage and support space, and mission support center that includes offices, physical fitness center, medical service center, information systems support and other general HQ Complex support spaces. Provide general mass notification, access control, fire protection/alarm, and intrusion detection system installation and connections, and energy management and control system connections. Construct central cooling, heating plant and backup power generation facility.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Miami-Doral, Florida

4. PROJECT TITLE  SOUTHCOM Headquarters, Incr 3	5. PROJECT NUMBER  71311
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vehicle Parking, Surfaced	PN	2,837 --	1,535	(4,355)
Category 5 Hurricane Protection	m2 (SF)	9,404 ( 101,220)	322.85	(3,036)
IDS Installation	LS	--	--	(378)
EMCS Connections	LS	--	--	(630)
Antiterrorism Measures	LS	--	--	(3,130)
Building Information Systems	LS	--	--	(16,289)
			Total	27,818

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Supporting facilities include all utilities (and privatized connections), communications, lightning protection, general site, walkway and parking area lighting, paving, walks, curb and gutter, site improvements. Force protection measures include laminated glazing, progressive collapse preventive measures, setbacks with access controls, site restrictive landscaping and treatments to include, access control points, structures and gates. Facility will also include hurricane resistant construction and site development. Air conditioning and heating will be provided by central plant. Project will include comprehensive building and furnishings related interior design. Access for persons with disabilities will be provided. Air Conditioning (Estimated 7,368 kW/2,095 Tons).

11. REQ: 47,942 m2 ADQT: NONE SUBSTD: 25,084 m2

PROJECT: Construct a joint/coalition/interagency headquarters complex for US Southern Command (USSOUTHCOM) at Miami-Doral, Florida. (Current Mission)

REQUIREMENT: This project is required to provide a mission capable facilities to replace multiple leased facilities scattered around the Miami, Florida metropolitan area. A consolidated facility capable of supporting over 2,800 active, reserve and civilian personnel is critical to enhancing SOUTHCOM's global joint and interagency operations, and provide a strong collaborative setting instilling security cooperation to achieve U.S. strategic objectives within the 32 countries in their Area of Responsibility. Funded from other appropriations and projects, commissary, Army Air Force Exchange Services (AAFES) and credit union service facilities are also required and should be collocated with the proposed SOUTHCOM Complex.

CURRENT SITUATION: SOUTHCOM currently occupies nine separate leased facilities in Miami, Florida. High cost leases do not provide adequate space, functional, force protection, or other minimal criteria. Commonly, up to 3 persons occupy space designed for 1 person. The greater urban Miami area can support only extremely limited secure conference and multi-purpose meeting space for coalition and interagency needs. Additionally, personnel support

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Miami-Doral, Florida

4. PROJECT TITLE  SOUTHCOM Headquarters, Incr 3	5. PROJECT NUMBER  71311
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CURRENT SITUATION: (CONTINUED)

services for physical fitness, medical, commissary and child care services are also severely limited or non-existent. Lack of government controlled conference space (up to 200 major conferences per year with more than 150 persons) continues to subject international dignitaries, ministers, and high level defense department members to continued exposure to possible attack moving to and from the leased facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, inefficiencies of staff dispersal and the continuation of expensive leases will continue. Risk to not only employees, but distinguished international visitors, staffs and U.S. leaders will continue. Anticipated staff increases in 2010 will exacerbate space shortages and lease issues likely impacting mission accomplishment. Make shift retrofits in existing leased buildings to incorporate evolving communication and automated technologies will continue to lag and impact the collaborative processes.

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.

	FY2008 (\$000)	FY2009 (\$000)	Requested FY2010 (\$000)
Authorization	\$233,533	\$81,600	\$55,400
Authorization of Appropriation	\$96,533	\$81,600	\$55,400
Appropriation	\$100,000	\$81,600	\$55,400

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Miami-Doral, Florida

4. PROJECT TITLE  SOUTHCOM Headquarters, Incr 3	5. PROJECT NUMBER  71311
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JAN 2007
  - (b) Percent Complete As Of January 2009..... 100.00
  - (c) Date 35% Designed..... APR 2008
  - (d) Date Design Complete..... AUG 2008
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (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..... 8,532
  - (b) All Other Design Costs..... 2,133
  - (c) Total Design Cost..... 10,665
  - (d) Contract..... 9,065
  - (e) In-house..... 1,600
  
- (4) Construction Contract Award..... MAR 2008
  
- (5) Construction Start..... MAY 2008
  
- (6) Construction Completion..... OCT 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Miami-Doral, Florida

4. PROJECT TITLE  SOUTHCOM Headquarters, Incr 3	5. PROJECT NUMBER  71311
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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 175 KVA	OPA	2008	2,652
Info Sys - ISC	OPA	2011	24,106
Info Sys - PROP	OPA	2012	55,338
		TOTAL	<u>82,096</u>

Installation Engineer: Col. Norberto Cintron  
Phone Number: 305-437-1151

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				167
62207	Combined Arms Collective Training Facility	10,800	10,800	C	169
65034	Fire and Movement Range	2,800	2,800	C	173
65250	Battle Lab	30,000	30,000	C	176
65557	Training Area Tank Trails	9,700	9,700	C	180
69150	Training Battalion Complex	38,000	38,000	N	183
69151	Dining Facility	15,000	15,000	N	187
69999	Warrior in Transition (WT) Complex	53,000	53,000	N	191
70026	Training Battalion Complex, Ph 1	31,000	31,000	N	195
70027	Training Battalion Complex, Ph 1	31,000	31,000	N	199
72322	Trainee Barracks Complex, Ph 1	74,000	74,000	C	203
	Subtotal Fort Benning Part I	\$ 295,300	295,300		
	Fort Gillem (IMCOM)				207
66011	Forensic Lab	10,800	10,800	C	209
	Subtotal Fort Gillem Part I	\$ 10,800	10,800		
	Fort Stewart (IMCOM)				213
62033	Brigade Complex	93,000	93,000	N	215
67027	Automated Sniper Field Fire Range	3,400	3,400	C	219
69391	Warrior in Transition (WT) Complex	49,000	49,000	N	223
73675	Barracks & Dining, Increment 2	0	80,000	N	226
	Subtotal Fort Stewart Part I	\$ 145,400	225,400		
	* TOTAL MCA FOR Georgia	\$ 451,500	531,500		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Benning Georgia				4.PROJECT TITLE Combined Arms Collective Training Facility		
5.PROGRAM ELEMENT  22212A		6.CATEGORY CODE  179	7.PROJECT NUMBER  62207		8.PROJECT COST (\$000) Auth 10,800 Approp 10,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						9,628
Combined Arms Collective Trng		EA	1 --		6889120	(6,889)
Support Features for CACTF		LS	--		--	(2,528)
Operations/Storage		m2 (SF)	74.32 ( 800)		2,022	(150)
SDD and EPAct05		LS	--		--	(3)
Antiterrorism Measures		LS	--		--	(46)
Building Information Systems		LS	--		--	(12)
SUPPORTING FACILITIES						42
Site Imp( 5) Demo( )		LS	--		--	(5)
Information Systems		LS	--		--	(37)
ESTIMATED CONTRACT COST						9,670
CONTINGENCY (5.00%)						484
SUBTOTAL						10,154
SUPV, INSP & OVERHEAD (5.70%)						579
TOTAL REQUEST						10,733
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						(3,096)
10.Description of Proposed Construction Construct a standard Combined Arms Collective Training Facility (CACTF-II), Stage II. Primary Facilities include the CACTF and support features, operations and storage building, antiterrorism measures, and building information systems. Supporting facilities include site improvements and information systems. Access for individuals with disabilities will be provided in public 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 7 kW/2 Tons).						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a standard Combined Arms Collective Training Facility, Stage II, at Fort Benning, Georgia. (Current Mission)						
REQUIREMENT: This project is required to train infantry units at the United States Army Infantry School and deployable combat units, reserve component and other Federal Agencies in urban combat techniques to attain the degree of proficiency required for combat. This facility, Stage II, is designed to conduct multi-echelon, full spectrum operations training up to battalion task force level. The Combined Arms Collective Training Facility will accommodate Force on Force (FOF) and Force on Targetry (FOT) engagements. This training						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Benning, Georgia		
4. PROJECT TITLE  Combined Arms Collective Training Facility	5. PROJECT NUMBER  62207	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>facility integrates all major urban challenges into a single training complex. It directly supports unit training and provides scenarios ranging from urban unrest and operations other than war to multi-threat and mid-intensity close-in combat. This facility presents a diversity of cultural settings and includes all primary elements of a common urban area. Stage II will provide remote community and neighborhood training facilities extending the commander's span of command and control and further challenging the unit cohesiveness and response to urban warfare challenges. Existing Military Operations In Urban Terrain (MOUT) facilities will continue to be used fully integrating that training facility with this more dense, mission corrected training complex resulting in a more robust and challenging training experience. The Army can no longer assume future combat will be limited to open terrain. Urban environments are increasingly more demanding and require a greater specialization of trained and confident warriors. This project will support that training investment.</p> <p><u>CURRENT SITUATION:</u> The need is currently not being fully met. Existing Military Operation in Urban Terrain (MOUT) facilities provide a partial training experience without the benefit of recent global engagement lessons learned. Greater densities of buildings, variety by type of buildings, multi-level structures, subterranean structures, walled residential areas, narrow streets and alleys all define the current and future threat for urban warfare. Current training facilities do not afford the tactical or situational awareness needed to prepare uniformed service members for the known threat. Combat risk assessments dictate a minimum urban training awareness and situational response protocol to ensure battlefield success and survival. Current training facilities do not provide this environment. The existing MOUT training area will be integrated into the operational scenario and footprint of this training complex. The current assault runway, road and utility infrastructure will be used to expand this requirement. Quality and timeliness of the training experience is the metric for success. Improved battlefield survivability is the only acceptable alternative.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, there will be a significant adverse effect on the unit training. The United States Army Infantry School and global infantry units will not be able to attain the degree of proficiency required for combat. Uniformed service members will be placed in harm's way without the minimum essential urban warfare skills needed to ensure survivability in hostile environments.</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</p>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Combined Arms Collective Training Facility	5. PROJECT NUMBER  62207
--	--------------------------------

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 2009.....	35.00
(c) Date 35% Designed.....	DEC 2008
(d) Date Design Complete.....	JUL 2009
(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 Stewart

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

(a) Production of Plans and Specifications.....	540
(b) All Other Design Costs.....	180
(c) Total Design Cost.....	720
(d) Contract.....	576
(e) In-house.....	144

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

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

(6) Construction Completion..... OCT 2011

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Benning, Georgia

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 62207
--	----------------------------

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>
Targetry & Instrumentation Sys	OPA	2010	1,027
Targetry & Instrumentation Sys	OPA	2010	2,055
Info Sys - ISC	OPA	2011	14
		TOTAL	<u>3,096</u>

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Fire and Movement Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 65034		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>						2,281
Fire and Movement Range		FP		4 --	416,645	(1,667)
Range Operations Center		m2 (SF)		74.32 ( 800)	2,349	(175)
Range Operations and Storage		m2 (SF)		74.32 ( 800)	2,349	(175)
Latrine		m2 (SF)		18.58 ( 200)	3,632	(67)
Ammo Breakdown Building		m2 (SF)		11.15 ( 120)	2,359	(26)
Total from Continuation page						(171)
<u>SUPPORTING FACILITIES</u>						224
Electric Service		LS		--	--	(100)
Site Imp( 70) Demo( )		LS		--	--	(70)
Information Systems		LS		--	--	(54)
ESTIMATED CONTRACT COST						2,505
CONTINGENCY (5.00%)						125
SUBTOTAL						2,630
SUPV, INSP & OVERHEAD (5.70%)						150
TOTAL REQUEST						2,780
TOTAL REQUEST (ROUNDED)						2,800
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Fire and Movement Range. Primary facilities include the Fire and Movement Range, range operations center, operations/storage building, bleacher enclosure, ammunition breakdown building, latrine, and building information systems. Antiterrorism protection measures will be provided. 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/5 Tons).						
11. REQ:		4 FP	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a standard design Fire and Movement Range at Fort Benning, Georgia. (Current Mission)						
REQUIREMENT: This project is required to provide a permanent facility to support approved programs of instruction to train and test individual Soldiers and buddy/team on basic fire and movement techniques against stationary infantry targets.						
CURRENT SITUATION: There are no current training facilities to support this requirement at Fort Benning, GA.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Fire and Movement Range	5. PROJECT NUMBER  65034
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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)	49.70 ( 535)	2,432	(121)
SDD and EPAct05	LS	--	--	(8)
Antiterrorism Measures	LS	--	--	(11)
Building Information Systems	LS	--	--	(31)
			Total	171

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will not benefit from standard training support and will not attain minimum proficiency required. Knowledge of engagement decisions and weapon system capabilities will not be fully developed and acquired. Soldiers will not be trained to standards for optimum survivability in battle.

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..... DEC 2007
- (b) Percent Complete As Of January 2009..... 35.00
- (c) Date 35% Designed..... JAN 2009
- (d) Date Design Complete..... AUG 2009
- (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:

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Fire and Movement Range	5. PROJECT NUMBER  65034
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
Fort Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	125
(b) All Other Design Costs.....	135
(c) Total Design Cost.....	260
(d) Contract.....	200
(e) In-house.....	60
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Battle Lab		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 172	7. PROJECT NUMBER 65250		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>						21,462
Battle Lab		m2 (SF)	7,804 ( 84,000)		2,322	(18,117)
Human Engineering Lab		m2 (SF)	371.61 ( 4,000)		2,221	(825)
EMCS Connection		LS	--		--	(53)
IDS Installation		LS	--		--	(168)
SDD and EPAct05		LS	--		--	(378)
Total from Continuation page						(1,921)
<u>SUPPORTING FACILITIES</u>						5,192
Electric Service		LS	--		--	(415)
Water, Sewer, Gas		LS	--		--	(536)
Paving, Walks, Curbs & Gutters		LS	--		--	(790)
Storm Drainage		LS	--		--	(279)
Site Imp( 1,464) Demo( 520)		LS	--		--	(1,984)
Information Systems		LS	--		--	(1,082)
Antiterrorism Measures		LS	--		--	(106)
ESTIMATED CONTRACT COST						26,654
CONTINGENCY (5.00%)						1,333
SUBTOTAL						27,987
SUPV, INSP & OVERHEAD (5.70%)						1,595
TOTAL REQUEST						29,582
TOTAL REQUEST (ROUNDED)						30,000
INSTALLED EQT-OTHER APPROP						(2,486)
10. Description of Proposed Construction Construct Maneuver Battle Lab addition to Building 2878, Mabry Hall. This addition will include all architectural/engineering, mechanical, plumbing, electrical and communication system tie-ins to Building 2878. Primary facility areas consist of experimentation area for Advanced Concept Reconfigurable Trainers (ACRT), computer processor units area, and administrative space. Administrative area includes collaboration areas. Create an internal, secure network operations center. Reconfigure the major experimentation area to include raised flooring. Provide HVAC for cooling and heating the simulations areas used for experimentation. Provide fire protection (smoke sensors and fire alarms), installation of Intrusion Detection System (IDS), non-secure internet protocol router and secure internet protocol router information network. Supporting facilities include: water, sewer, and natural gas services and necessary relocations/reroutings; access roads; parking; paving; sidewalks; curbs and gutters; covered primary entry; contiguous hardstand apron with external power hook-ups and securable data ports; demolition, replacement and reconfiguration of existing on-site parking and fencing; parking lot and security lighting; security fencing with gates; connection to existing Energy Monitoring Control System; exterior communications; fire protection; storm sewer system; site preparation, erosion control/grassing, landscaping; and signage. Antiterrorism measures include						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																									
3. INSTALLATION AND LOCATION  Fort Benning, Georgia																											
4. PROJECT TITLE  Battle Lab	5. PROJECT NUMBER  65250																										
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">Antiterrorism Measures</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(378)</td> </tr> <tr> <td data-bbox="232 657 727 688">Building Information Systems</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(1,543)</td> </tr> <tr> <td colspan="3"></td> <td data-bbox="1239 688 1360 720">Total</td> <td data-bbox="1360 688 1510 720">1,921</td> </tr> </tbody> </table> <p data-bbox="232 751 1023 783"><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p data-bbox="232 783 1510 1014">stand-off distances; laminated glass; barred windows/doors; HVAC ventilation protection; and vehicle barriers. Access for persons 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 10 Buildings (TOTAL 5,429 m2/58,437 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).</p>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Antiterrorism Measures	LS	--	--	(378)	Building Information Systems	LS	--	--	(1,543)				Total	1,921
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Antiterrorism Measures	LS	--	--	(378)																							
Building Information Systems	LS	--	--	(1,543)																							
			Total	1,921																							
<p>11. <u>REQ:</u> 11,936 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> 4,132 m2</p> <p><u>PROJECT:</u> Construct a Maneuver Battle Lab addition to Building 2878 at Fort Benning, GA. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is required to support the Maneuver Center/School (Mounted Maneuver Battle Lab) moving to Fort Benning.</p> <p><u>CURRENT SITUATION:</u> Fort Benning does not have sufficient capability and space with its existing infrastructure to absorb or add the Mounted Maneuver Battle Lab (MMBL). The Army Campaign Plan reconfigures the MMBL and relocates it to Ft Benning as part of the Armor Center/School and merges with the existing Soldier Battle Lab (SBL) at Ft Benning to create the Maneuver Battle Lab responsible for both Armor and Infantry, all three Brigade Combat Team types (Heavy, Infantry and Stryker) as well as the Armored Cavalry Regiment experimentation. Current Fort Benning SBL facilities consist of seven temporary buildings totaling 44,479 SF and 7,636 SF of interior space within Building 4, the new Maneuver Center Headquarters Building, which cannot absorb the MMBL.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Benning will not be able to relocate the MMBL, or merge the MMBL and SBL to create the MBL. The Maneuver Battle Lab will not be able to form at Ft Benning and will be unable to conduct directed and proponent based Army and DOD experimentation, a critical piece in developing the Future and Modular forces and ensuring our Soldiers have the best and latest equipment and technology.</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</p>																											

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Battle Lab	5. PROJECT NUMBER  65250
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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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 800
- (b) All Other Design Costs..... 450
- (c) Total Design Cost..... 1,250
- (d) Contract..... 1,000
- (e) In-house..... 250

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

(5) Construction Start..... AUG 2010

(6) Construction Completion..... AUG 2012

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION Fort Benning, Georgia	
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4. PROJECT TITLE Battle Lab	5. PROJECT NUMBER 65250
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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>
Laboratory Equipment	OPA	2011	1,483
Info Sys - ISC	OPA	2011	1,003
		TOTAL	<u>2,486</u>

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. PROJECT TITLE Training Area Tank Trails		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 857	7. PROJECT NUMBER 65557	8. PROJECT COST (\$000) Auth 9,700 Approp 9,700		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY		COST (\$000)
<u>PRIMARY FACILITY</u>					7,879
Repair Tank Trails, Unpaved		km (MI)	39.48 (	24.53)	162,065 (6,398)
Repair Roads, Paved		km (MI)	4.62 (	2.87)	186,716 (863)
Low Water Crossings		EA	4 --		154,483 (618)
<u>SUPPORTING FACILITIES</u>					845
Storm Drainage		LS	--	--	(362)
Site Imp( 483) Demo( )		LS	--	--	(483)
ESTIMATED CONTRACT COST					8,724
CONTINGENCY (5.00%)					436
SUBTOTAL					9,160
SUPV, INSP & OVERHEAD (5.70%)					522
TOTAL REQUEST					9,682
TOTAL REQUEST (ROUNDED)					9,700
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Repair 24.53 miles of Fort Benning's existing gravel tank trail system, 2.87 miles of asphalt roads and four low water crossings. Supporting facilities include pavement markings, clearing and grubbing, borrow materials, storm water systems, seeding and sodding, and erosion control measures.					
11. REQ: 43 km ADQT: NONE SUBSTD: 111 km					
PROJECT: Repair existing tank trail and roads in the training areas of Fort Benning, Georgia. (Current Mission)					
REQUIREMENT: This project is required to repair Fort Benning's existing training area tank trail road network that is necessary to support the Fort Benning mission of Armor training.					
CURRENT SITUATION: Existing tank trail network system is currently capable of supporting the Infantry School's Bradley training missions and the limited maneuver mission of the 3d Brigade, 3d Infantry Division. However, more extensive and more frequent use of this system will occur upon the arrival of the Armor School's Abram's training and maneuver missions.					
IMPACT IF NOT PROVIDED: If this project is not provided and the tank trails and training roads are left uncorrected, extensive deterioration will occur to the point of impassability upon the arrival of the Armor School's training					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Benning, Georgia		
4. PROJECT TITLE  Training Area Tank Trails	5. PROJECT NUMBER  65557	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>mission.</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.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>MAR 2008</u>
(b) Percent Complete As Of January 2009.....		<u>35.00</u>
(c) Date 35% Designed.....		<u>JAN 2009</u>
(d) Date Design Complete.....		<u>OCT 2009</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(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.....		<u>440</u>
(b) All Other Design Costs.....		<u>230</u>
(c) Total Design Cost.....		<u>670</u>
(d) Contract.....		<u>520</u>
(e) In-house.....		<u>150</u>
(4) Construction Contract Award.....		<u>JAN 2010</u>
(5) Construction Start.....		<u>FEB 2010</u>
(6) Construction Completion.....		<u>JUN 2012</u>

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Area Tank Trails	5. PROJECT NUMBER  65557
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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>
NONE			

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

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Training Battalion Complex		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 722	7. PROJECT NUMBER 69150		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>						30,959
Consolidated Dining Facility		m2 (SF)	5,796 ( 62,390)		3,161	(18,324)
Convert DFACs to Org Classrooms		m2 (SF)	5,203 ( 56,000)		1,093	(5,684)
Organizational Storage		m2 (SF)	2,378 ( 25,600)		1,140	(2,712)
Expand Battalion Headquarters		m2 (SF)	711.27 ( 7,656)		1,507	(1,072)
Company Ops TA 50 Cleaning Bldg		m2 (SF)	1,522 ( 16,384)		1,130	(1,720)
Total from Continuation page						(1,447)
<u>SUPPORTING FACILITIES</u>						3,634
Electric Service		LS	--		--	(291)
Water, Sewer, Gas		LS	--		--	(276)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,519)
Storm Drainage		LS	--		--	(468)
Site Imp( 849) Demo( )		LS	--		--	(849)
Information Systems		LS	--		--	(165)
Antiterrorism Measures		LS	--		--	(66)
ESTIMATED CONTRACT COST						34,593
CONTINGENCY (5.00%)						1,730
SUBTOTAL						36,323
SUPV, INSP & OVERHEAD (5.70%)						2,070
TOTAL REQUEST						38,393
TOTAL REQUEST (ROUNDED)						38,000
INSTALLED EQT-OTHER APPROP						(1,301)
10. Description of Proposed Construction Construct a consolidated, standard design, two battalion, 2,600 person stand-alone dining facility (DFAC) with separate dining areas for each battalion; convert existing interior dining facility space in building numbers 3240 and 3245 to organizational classrooms (4 each), construct company operations Table of Authorization 50 (TA 50) cleaning/scrub buildings; expand existing battalion headquarters and provide organizational storage facilities. Install intrusion detection system (IDS) and connect 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. Heat and cool dining facility via self-contained systems; classrooms and battalion headquarters expansions via connection with existing building systems. Sustainable Design and Development (SDD) and Energy Policy Act Of 2005 (EPAct05) will be provided. Air Conditioning (Estimated 739 kW/210 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Battalion Complex	5. PROJECT NUMBER  69150
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hazardous Materials Abatement	LS	--	--	(223)
IDS Installation	LS	--	--	(13)
EMCS Connection	LS	--	--	(132)
SDD and EPAct05	LS	--	--	(338)
Antiterrorism Measures	LS	--	--	(273)
Building Information Systems	LS	--	--	(468)
			Total	1,447

11. REQ: 69,058 m2 ADQT: 30,226 m2 SUBSTD: 37,472 m2  
PROJECT: Construct a Training Battalion Complex at Fort Benning, Georgia.

(New mission)

REQUIREMENT: This project is required to correct and alleviate shortfalls in dining facilities, 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 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 3240 and 3245) will be converted into much needed organizational classroom space, a consolidated replacement dining facility built and the existing battalion headquarters within each building enlarged. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).

CURRENT SITUATION: Trainee barracks building numbers 3240 and 3245 were constructed in 1982 and 1979 respectively, 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. The existing dining facility within each barracks provides approximately two thirds of the space required to meet the much shorter feeding times necessary for trainees.

Furthermore, space shortages in the dining facilities precludes the use of modern dining facility equipment, thus barring any efficiencies that could be gained via equipment changeout. Due to physical location within each trainee barracks, neither dining facility can be expanded to meet the required area.

IMPACT IF NOT PROVIDED: If this project is not provided, Initial Entry Trainees assigned to these battalions will continue to be fed in inadequate facilities with the attendant health risks thus resulting in lower morale and

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Battalion Complex	5. PROJECT NUMBER  69150
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IMPACT IF NOT PROVIDED: (CONTINUED)

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 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 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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..... 1,452
    - (b) All Other Design Costs..... 1,453
    - (c) Total Design Cost..... 2,905
    - (d) Contract..... 1,452
    - (e) In-house..... 1,453
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... MAR 2010

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Benning, Georgia

4. PROJECT TITLE Training Battalion Complex	5. PROJECT NUMBER 69150
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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 Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2011	1,301
		TOTAL	<u>1,301</u>

Installation Engineer: Craig Taylor, PE  
Phone Number: 706.545.3155

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Dining Facility		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 722	7. PROJECT NUMBER 69151		8. PROJECT COST (\$000) Auth 15,000 Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,995
Dining Facility		m2 (SF)	3,136 ( 33,760)		3,339	(10,472)
EMCS Connections		LS	--		--	(51)
SDD and EPAct05		LS	--		--	(212)
Antiterrorism Measures		LS	--		--	(212)
Building Information Systems		LS	--		--	(48)
<u>SUPPORTING FACILITIES</u>						1,946
Electric Service		LS	--		--	(299)
Water, Sewer, Gas		LS	--		--	(419)
Paving, Walks, Curbs & Gutters		LS	--		--	(379)
Storm Drainage		LS	--		--	(115)
Site Imp( 529) Demo( 68)		LS	--		--	(597)
Information Systems		LS	--		--	(99)
Antiterrorism Measures		LS	--		--	(38)
ESTIMATED CONTRACT COST						12,941
CONTINGENCY (5.00%)						647
SUBTOTAL						13,588
SUPV, INSP & OVERHEAD (5.70%)						775
DESIGN/BUILD - DESIGN COST						544
TOTAL REQUEST						14,907
TOTAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design battalion dining facility to support Airborne students and Basic Officer Leaders Course (BOLC) students. Connect to energy monitoring and control system (EMCS). Provide building information systems. Supporting facilities include electrical, water, sewer, and natural gas services; security lighting; exterior communications; fire protection; storm sewer system and detention structure; striping, curb and gutter, and sidewalks; site preparation, erosion control/grassing, 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 POV parking and fencing. Two buildings (one, a central air-conditioning (AC) building with equipment) within footprint of construction will be demolished. All hazardous materials identified (asbestos, lead-based paint, etc.) will be abated in the buildings to be demolished. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) will be provided. Demolish 2 Buildings (TOTAL 487 m2/5,242 SF). Air Conditioning (Estimated 1,055 kW/300 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Benning, Georgia		
4. PROJECT TITLE  Dining Facility	5. PROJECT NUMBER  69151	
11. REQ: 69,058 m2 ADQT: 30,225 m2 SUBSTD: 37,472 m2		
<u>PROJECT:</u> Construct a standard design battalion dining facility for the Airborne and Basic Officer Leaders Course (BOLC) students at Fort Benning, Georgia. (New Mission)		
<u>REQUIREMENT:</u> In support of the Grow the Army (GTA) initiative, this project is intended to correct and alleviate the cramped and antiquated dining facilities for Advanced Skills Training (AST) students living on the Main Post. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). Existing substandard dining facilities within the barracks will be converted to much needed billeting space to support the expanded Airborne and BOLC missions. This project, combined with the other upgrades to eight existing barracks, will bring the living conditions and standards into closer compliance with the Trainee Barracks Strategic Development Plan and new construction design criteria. This project is required to provide an adequate dining facility for the Soldiers attending Airborne and BOLC classes.		
<u>CURRENT SITUATION:</u> Initially, eight barracks to support Airborne and OCS (Officer Candidate School) training were constructed in the early 1950's. Within each barracks footprint was designed a dining facility. Over the years changes to the Army's training doctrine has converted five of the dining facility areas to billeting or operational administrative space. The three remaining dining facilities each have a capacity of 320 persons and each occupy 10,335 SF of each barracks building. This non-consolidated situation is inefficient in operation, energy usage and manpower; and is too small (960 capacity) to support an ultimate barracks capacity of 2800. Furthermore, none of the dining facilities within the barracks footprint can be physically expanded to 33,760 SF to accommodate the much newer and modern dining facility equipment being used in newer facilities.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Airborne and Basic Officer Leaders Course will continue to be fed in unacceptable, undersized existing facilities.		
<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.		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Dining Facility	5. PROJECT NUMBER  69151
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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 2009..... 15.00
    - (c) Date 35% Designed..... FEB 2010
    - (d) Date Design Complete..... MAY 2010
    - (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 Lee
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 323
    - (b) All Other Design Costs..... 194
    - (c) Total Design Cost..... 517
    - (d) Contract..... 323
    - (e) In-house..... 194
  
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... MAR 2010
  - (6) Construction Completion..... MAR 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Dining Facility	5. PROJECT NUMBER  69151
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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>
NA			

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

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Warrior in Transition (WT) Complex		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 69999		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>						42,330
Barracks, WT		m2 (SF)	11,195 ( 120,500)		2,523	(28,245)
Admin and Ops Facility, WT		m2 (SF)	2,666 ( 28,700)		2,565	(6,838)
Soldier & Family Assistance Ctr		m2 (SF)	1,394 ( 15,000)		3,210	(4,474)
IDS Installation		LS	--		--	(10)
EMCS Connections		LS	--		--	(60)
Total from Continuation page						(2,703)
<u>SUPPORTING FACILITIES</u>						4,069
Electric Service		LS	--		--	(764)
Water, Sewer, Gas		LS	--		--	(286)
Paving, Walks, Curbs & Gutters		LS	--		--	(729)
Storm Drainage		LS	--		--	(374)
Site Imp( 1,540) Demo( )		LS	--		--	(1,540)
Information Systems		LS	--		--	(334)
Antiterrorism Measures		LS	--		--	(42)
ESTIMATED CONTRACT COST						46,399
CONTINGENCY (5.00%)						2,320
SUBTOTAL						48,719
SUPV, INSP & OVERHEAD (5.70%)						2,777
DESIGN/BUILD - DESIGN COST						1,949
TOTAL REQUEST						53,445
TOTAL REQUEST (ROUNDED)						53,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Complex. Primary facilities include a Warrior in Transition (WT) Barracks, Warrior in Transition Administrative and Operations Facility and a Soldier and Family Assistance Center (SFAC). Project includes installation of Intrusion Detection System (IDS), building information systems, Energy Management Control System (EMCS) connections and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation central systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Heating and air conditioning provided by self contained systems. Comprehensive building and furnishings related interior design services are required. (Air Conditioning is estimated at 500 Tons) Air Conditioning (Estimated 500 kWr/142 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  69999
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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	--	--	(790)
Antiterrorism Measures	LS	--	--	(1,072)
Building Information Systems	LS	--	--	(841)
			Total	2,703

11. REQ: 200 PN ADQT: NONE SUBSTD: 200 PN  
PROJECT: Construct a standard design Warrior in Transition (WT) Complex at Fort Benning, Georgia. (New Mission)  
REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of two companies of Warriors in Transition (WT) Soldiers.  
CURRENT SITUATION: Fort Benning currently supports two companies and a battalion headquarters of Warriors in Transition. There are no facilities on the installation which can adequately provide the required standard facilities for the WT Soldiers or their families.  
IMPACT IF NOT PROVIDED: If this project is not provided Soldiers who are Warriors in Transition, their Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Fort Benning, Georgia																								
4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  69999																							
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;"><u>OCT 2007</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td style="text-align: right;"><u>5.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;"><u>APR 2010</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;"><u>SEP 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>(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 Riley</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 style="text-align: right;"><u>1,094</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;"><u>875</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;"><u>1,969</u></td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"><u>875</u></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;"><u>1,094</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>FEB 2010</u></p> <p>(5) Construction Start..... <u>MAY 2010</u></p> <p>(6) Construction Completion..... <u>SEP 2011</u></p>			(a) Date Design Started.....	<u>OCT 2007</u>	(b) Percent Complete As Of January 2009.....	<u>5.00</u>	(c) Date 35% Designed.....	<u>APR 2010</u>	(d) Date Design Complete.....	<u>SEP 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	<u>1,094</u>	(b) All Other Design Costs.....	<u>875</u>	(c) Total Design Cost.....	<u>1,969</u>	(d) Contract.....	<u>875</u>	(e) In-house.....	<u>1,094</u>
(a) Date Design Started.....	<u>OCT 2007</u>																							
(b) Percent Complete As Of January 2009.....	<u>5.00</u>																							
(c) Date 35% Designed.....	<u>APR 2010</u>																							
(d) Date Design Complete.....	<u>SEP 2010</u>																							
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	<u>1,094</u>																							
(b) All Other Design Costs.....	<u>875</u>																							
(c) Total Design Cost.....	<u>1,969</u>																							
(d) Contract.....	<u>875</u>																							
(e) In-house.....	<u>1,094</u>																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  69999
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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>
NA			

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Training Battalion Complex, Ph 1		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 722	7. PROJECT NUMBER 70026		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>						21,574
Dining Facilities		m2 (SF)	6,273 ( 67,520)		3,335	(20,918)
EMCS Connection		LS	--		--	(128)
SDD and EPAct05		LS	--		--	(203)
Antiterrorism Measures		LS	--		--	(203)
Building Information Systems		LS	--		--	(122)
<u>SUPPORTING FACILITIES</u>						5,093
Electric Service		LS	--		--	(1,402)
Water, Sewer, Gas		LS	--		--	(412)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,260)
Storm Drainage		LS	--		--	(631)
Site Imp( 1,162) Demo( )		LS	--		--	(1,162)
Information Systems		LS	--		--	(106)
Antiterrorism Measures		LS	--		--	(120)
ESTIMATED CONTRACT COST						26,667
CONTINGENCY (5.00%)						1,333
SUBTOTAL						28,000
SUPV, INSP & OVERHEAD (5.70%)						1,596
DESIGN/BUILD - DESIGN COST						1,120
TOTAL REQUEST						30,716
TOTAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction This is phase 1 of a two-phase project. Phase 2 is PN 72456 (FY 11, \$15.5M). Construct two, standard design, battalion dining facilities for a Training Battalion Complex. Install intrusion detection system (IDS) and connect 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. Access for individuals with disabilities will be provided. Provide anti-terrorism (AT) measures. Heat and cool dining facility via 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 provided. Air Conditioning (Estimated 739 kW <sub>r</sub> /210 Tons).						
11. REQ:		69,058 m2	ADQT: 30,225 m2		SUBSTD:	37,472 m2
PROJECT: Construct two standard design battalion dining facilities in Phase 1 of a Training Battalion Complex at Fort Benning, Georgia. (New mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Battalion Complex, Ph 1	5. PROJECT NUMBER  70026
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	Requested FY2010 (\$000)	FYDP FY2011 (\$000)
Authorization	\$31,000	\$15,500
Authorization of Appropriation	\$31,000	\$15,500
Appropriation	\$31,000	\$15,500

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

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

(b) Percent Complete As Of January 2009..... 15.00

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

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

(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 Benning

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

(a) Production of Plans and Specifications..... 700

(b) All Other Design Costs..... 420

(c) Total Design Cost..... 1,120

(d) Contract..... 700

(e) In-house..... 420

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

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

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Battalion Complex, Ph 1	5. PROJECT NUMBER  70026
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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>
NA			

Installation Engineer: Craig Taylor, P.E.  
Phone Number: 706.545.3155

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Training Battalion Complex, Ph 1		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 722	7. PROJECT NUMBER 70027		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>						21,600
Dining Facilities		m2 (SF)	6,273 ( 67,520)		3,339	(20,943)
EMCS Connection		LS	--		--	(129)
SDD and EPAct05		LS	--		--	(203)
Antiterrorism Measures		LS	--		--	(203)
Building Information Systems		LS	--		--	(122)
<u>SUPPORTING FACILITIES</u>						5,188
Electric Service		LS	--		--	(1,404)
Water, Sewer, Gas		LS	--		--	(413)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,262)
Storm Drainage		LS	--		--	(632)
Site Imp( 1,163) Demo( )		LS	--		--	(1,163)
Information Systems		LS	--		--	(194)
Antiterrorism Measures		LS	--		--	(120)
ESTIMATED CONTRACT COST						26,788
CONTINGENCY (5.00%)						1,339
SUBTOTAL						28,127
SUPV, INSP & OVERHEAD (5.70%)						1,603
DESIGN/BUILD - DESIGN COST						1,125
TOTAL REQUEST						30,855
TOTAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is Phase 1 of a two-phase project. Phase 2 is PN 72457 (15.5M, FY 11). Construct two, standard design, battalion dining facilities. Connect 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. Access for individuals with disabilities will be provided. Provide anti-terrorism (AT) measures. Heat and cool dining facilities via self-contained systems. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act (EPAct05) will be provided. Air Conditioning (Estimated 387 kW/110 Tons).						
11. REQ: 69,058 m2 ADQT: 30,226 m2 SUBSTD: 37,472 m2 PROJECT: Construct two battalion dining facilities in phase 1 of a Training Battalion Complex at Fort Benning, Georgia. (New mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Benning, Georgia		
4. PROJECT TITLE  Training Battalion Complex, Ph 1	5. PROJECT NUMBER  70027	
<p><u>REQUIREMENT:</u> This project is required to correct and alleviate shortfalls in dining facilities. This project will bring the two trainee barracks into compliance with current Army standards. Phase 2 will provide the remainder of the Trainee Battalion Complex facilities. This project supports the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).</p> <p><u>CURRENT SITUATION:</u> Trainee barracks Buildings 3105 and 3335 were constructed in 1982 and 1984 respectively, and are occupied by one battalion 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. The existing dining facility within each barracks provides approximately two thirds of the space required to meet the much shorter feeding times necessary for trainees. Furthermore, the shortage in space also precludes the use of modern dining facility equipment thus barring any efficiencies that could be gained. Due to physical location within each trainee barracks, neither dining facility can be expanded to meet the required area.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Initial Entry Trainees assigned to these battalions will continue to be fed in unacceptable facilities with the attendant health risks thus resulting in lower morale and retention rates. Since both battalions train and develop Soldiers in basic combat training, any reductions in retention will negatively affect manning the "Grow the Army" (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>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Battalion Complex, Ph 1	5. PROJECT NUMBER  70027
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	Requested FY2010 (\$000)	FYDP FY2011 (\$000)
Authorization	\$31,000	\$15,500
Authorization of Appropriation	\$31,000	\$15,500
Appropriation	\$31,000	\$15,500

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

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

(b) Percent Complete As Of January 2009..... 15.00

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

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

(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 Lee

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

(a) Production of Plans and Specifications..... 703

(b) All Other Design Costs..... 422

(c) Total Design Cost..... 1,125

(d) Contract..... 703

(e) In-house..... 422

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

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

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Training Battalion Complex, Ph 1	5. PROJECT NUMBER  70027
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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>
NA			

Installation Engineer: Craig Taylor, P.E.  
Phone Number: 706.545.3155

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Trainee Barracks Complex, Ph 1		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 72322		8. PROJECT COST (\$000) Auth 74,000 Approp 74,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						50,256
Trainee Barracks/Company Ops		m2 (SF)	12,022 ( 129,400)		2,440	(29,335)
Dining Facility		m2 (SF)	3,486 ( 37,520)		3,833	(13,362)
Battalion HQs w/Classrooms		m2 (SF)	2,183 ( 23,500)		2,225	(4,857)
IDS Installation		LS	--		--	(30)
EMCS Connections		LS	--		--	(60)
Total from Continuation page						(2,612)
<u>SUPPORTING FACILITIES</u>						13,885
Electric Service		LS	--		--	(459)
Water, Sewer, Gas		LS	--		--	(1,463)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,497)
Storm Drainage		LS	--		--	(285)
Site Imp( 7,948) Demo( )		LS	--		--	(7,948)
Information Systems		LS	--		--	(127)
Antiterrorism Measures		LS	--		--	(106)
ESTIMATED CONTRACT COST						64,141
CONTINGENCY (5.00%)						3,207
SUBTOTAL						67,348
SUPV, INSP & OVERHEAD (5.70%)						3,839
DESIGN/BUILD - DESIGN COST						2,694
TOTAL REQUEST						73,881
TOTAL REQUEST (ROUNDED)						74,000
INSTALLED EQT-OTHER APPROP						(1,616)
10. Description of Proposed Construction This project is Phase 1 of a three-phase project. Phase 2 (PN 72324, \$54M) is programmed for FY 2011, Phase 3 (PN 69745, \$25M) is programmed for FY 2012. Construct a standard design Initial Entry Combat Training Battalion Barracks Complex to include barracks, company operations facilities, battalion headquarters with classrooms, and a dining facility. Install intrusion detection systems (IDS), building information systems, fire/smoke detection/enunciation and suppression systems and connect to installation central systems and connect to energy monitoring and control systems (EMCS). Supporting facilities include utility systems (electricity, water, sewer, gas); access roads and parking; walks, curb and gutters; troop formation area, signage, information systems 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 1,759 kWr/500 Tons).						
11. REQ:		18,000 PN	ADQT: 6,000 PN		SUBSTD:	12,000 PN
PROJECT: Construct an Initial Entry Combat Training Battalion Barracks						



1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Trainee Barracks Complex, Ph 1	5. PROJECT NUMBER 72322
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	Requested FY2010 (\$000)	FYDP FY2012 (\$000)	FY2012
Authorization	\$74,000	\$54,000	\$25,000
Authorization of Appropriation	\$74,000	\$54,000	\$25,000
Appropriation	\$74,000	\$54,000	\$25,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2008
- (b) Percent Complete As Of January 2009..... 15.00
- (c) Date 35% Designed..... FEB 2010
- (d) Date Design Complete..... MAY 2010
- (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 Leonard Wood

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

- (a) Production of Plans and Specifications..... 1,689
- (b) All Other Design Costs..... 1,013
- (c) Total Design Cost..... 2,702
- (d) Contract..... 1,689
- (e) In-house..... 1,013

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

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

(6) Construction Completion..... JUL 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Trainee Barracks Complex, Ph 1	5. PROJECT NUMBER  72322
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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>
Dining Fac Equip	OPA	2010	708
CIF	OPA	2010	648
Info Sys - ISC	OPA	2011	260
		TOTAL	<u>1,616</u>

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

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 12 MAY 2009							
3. INSTALLATION AND LOCATION  Fort Gillem Georgia		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	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2008	593	1679	563	0	0	0	49	57	1459	4,400
B. END FY 2015	140	269	15	0	0	0	0	0	0	424
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	620 ha		(1,531 AC)							
B. INVENTORY TOTAL AS OF 31 DEC 2008.....										1,011,553
C. AUTHORIZATION NOT YET IN INVENTORY.....										71,011
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....										10,800
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....										TBD
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....										TBD
G. REMAINING DEFICIENCY.....										TBD
H. GRAND TOTAL.....										TBD
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS					
CODE	NUMBER			(\$000)	START	COMPLETE				
141	66011	Forensic Lab		10,800	09/2007	10/2009				
				TOTAL	10,800					
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE				(\$000)						
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD						
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD						
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD						
10. MISSION OR MAJOR FUNCTIONS:										
First US Army trains, mobilizes, and deploys Army Reserve and National Guard units in the eastern United States, Puerto Rico, and the US Virgin Islands. As directed, conducts Homeland Security (HLS) in support of national objectives.										
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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Gillem Georgia				4.PROJECT TITLE Forensic Lab		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 66011		8.PROJECT COST (\$000) Auth 10,800 Approp 10,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,524
Laboratory Addition		m2 (SF)	995.64 (	10,717)	4,485	(4,466)
Laboratory Alterations		m2 (SF)	888.99 (	9,569)	2,002	(1,780)
IDS Installation		LS	--	--	--	(26)
EMCS Connections		LS	--	--	--	(15)
SDD and EPAct05		LS	--	--	--	(89)
Total from Continuation page						(148)
<u>SUPPORTING FACILITIES</u>						3,122
Electric Service		LS	--	--	--	(2,430)
Water, Sewer, Gas		LS	--	--	--	(96)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(278)
Storm Drainage		LS	--	--	--	(42)
Site Imp( 261) Demo( )		LS	--	--	--	(261)
Antiterrorism Measures		LS	--	--	--	(15)
ESTIMATED CONTRACT COST						9,646
CONTINGENCY (5.00%)						482
SUBTOTAL						10,128
SUPV, INSP & OVERHEAD (5.70%)						577
TOTAL REQUEST						10,705
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Expand and partially reconfigure the US Army Criminal Investigation Laboratory (USACIL) to provide additional administrative and laboratory space for the drug chemistry, latent prints and forensic documents labs; imaging, information management, evidence processing, first aid room, consultant/intelligence, janitorial and facility management. Provide additional support spaces to include latrines, mechanical, electrical and data equipment rooms. Provide energy monitoring and control system (EMCS) connection, installation of Intrusion Detection System (IDS) and building information systems. Install a mass notification system, fire protection system (sprinkler system). Supporting facilities include water, sewer and gas services; storm drainage; paving and sidewalks; site improvements and landscaping; information systems; and antiterrorism measures. Remove pavement, curb and gutter and selected utilities. Heat via connections with the existing hot water boiler and cool via new air-cooled chillers. Accessibility for individuals with disability will be provided. Anti-terrorism measures include laminated and door glass and use of a curb type barrier system on the exterior. 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 211 kW/60 Tons).						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																								
3. INSTALLATION AND LOCATION  Fort Gillem, Georgia																										
4. PROJECT TITLE  Forensic Lab	5. PROJECT NUMBER  66011																									
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td>SEP 2007</td></tr> <tr><td>(b) Percent Complete As Of January 2009.....</td><td>35.00</td></tr> <tr><td>(c) Date 35% Designed.....</td><td>JAN 2009</td></tr> <tr><td>(d) Date Design Complete.....</td><td>OCT 2009</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> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</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>500</td></tr> <tr><td>(b) All Other Design Costs.....</td><td>350</td></tr> <tr><td>(c) Total Design Cost.....</td><td>850</td></tr> <tr><td>(d) Contract.....</td><td>600</td></tr> <tr><td>(e) In-house.....</td><td>250</td></tr> </table> <p>(4) Construction Contract Award..... JAN 2010</p> <p>(5) Construction Start..... MAR 2010</p> <p>(6) Construction Completion..... SEP 2011</p>			(a) Date Design Started.....	SEP 2007	(b) Percent Complete As Of January 2009.....	35.00	(c) Date 35% Designed.....	JAN 2009	(d) Date Design Complete.....	OCT 2009	(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.		(a) Production of Plans and Specifications.....	500	(b) All Other Design Costs.....	350	(c) Total Design Cost.....	850	(d) Contract.....	600	(e) In-house.....	250
(a) Date Design Started.....	SEP 2007																									
(b) Percent Complete As Of January 2009.....	35.00																									
(c) Date 35% Designed.....	JAN 2009																									
(d) Date Design Complete.....	OCT 2009																									
(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.																										
(a) Production of Plans and Specifications.....	500																									
(b) All Other Design Costs.....	350																									
(c) Total Design Cost.....	850																									
(d) Contract.....	600																									
(e) In-house.....	250																									

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Gillem, Georgia

4. PROJECT TITLE  Forensic Lab	5. PROJECT NUMBER  66011
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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>
NA			

Installation Engineer: Daniel J. Greene  
Phone Number: 404.464.2161

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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 31 OCT 2008	1793	14680	1716	0	176	0	202 1335 3666 23,568
B. END FY 2015	2157	18495	1956	0	201	0	596 2007 3729 29,141
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.....						1,025,812	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						145,400	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
141	62033	Brigade Complex		93,000	10/2007	05/2010	
178	67027	Automated Sniper Field Fire Range		3,400	02/2008	07/2009	
721	69391	Warrior in Transition (WT) Complex		49,000	01/2008	09/2010	
721	73675	Barracks & Dining, Increment 2		80,000	02/2008	10/2009	
TOTAL				225,400			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
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.							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Stewart, 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Stewart Georgia				4.PROJECT TITLE Brigade Complex		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  141	7.PROJECT NUMBER  62033		8.PROJECT COST (\$000) Auth 93,000 Approp 93,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						67,510
Company Operations Facilities		m2 (SF)	17,382 ( 187,095)		1,471	(25,564)
Covered Hardstand		m2 (SF)	3,200 ( 34,442)		487.61	(1,560)
Brigade Headquarters w/SCIF		m2 (SF)	3,725 ( 40,100)		2,070	(7,711)
Battalion Headquarters		m2 (SF)	8,408 ( 90,500)		1,999	(16,808)
Widen Road/Relocate Utility		km (MI)	3.41 ( 2.12)		3177389	(10,835)
Total from Continuation page						(5,032)
<u>SUPPORTING FACILITIES</u>						13,167
Electric Service		LS	--		--	(1,611)
Water, Sewer, Gas		LS	--		--	(1,196)
Steam And/Or Chilled Water Dist		LS	--		--	(3,720)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,786)
Storm Drainage		LS	--		--	(277)
Site Imp( 3,568) Demo( 286)		LS	--		--	(3,854)
Information Systems		LS	--		--	(466)
Antiterrorism Measures		LS	--		--	(257)
ESTIMATED CONTRACT COST						80,677
CONTINGENCY (5.00%)						4,034
SUBTOTAL						84,711
SUPV, INSP & OVERHEAD (5.70%)						4,829
DESIGN/BUILD - DESIGN COST						3,388
TOTAL REQUEST						92,928
TOTAL REQUEST (ROUNDED)						93,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct standard design facilities for a Brigade Complex. Primary facilities to include standard design brigade headquarters, five battalion headquarters, 15 company operations facilities with covered hardstand, and infrastructure upgrade, to include the widening of 15th Street. Provide fire protection, detection, and alarm systems. Provide connections to the energy monitoring and control system (EMCS) and installation of intrusion detection system (IDS). Provide building information systems. Supporting facilities include electricity, natural gas, water and sewer services; security lighting; fire protection; paving; parking; walks, curbs and gutters; storm drainage; information systems; lightning protection systems; site improvements and landscaping; information systems; and force protection. Heat and air conditioning will be provided by self contained systems. Antiterrorism (AT) measures consist of providing appropriate standoff distances from adjacent buildings, roadways, and parking areas; mass notification systems; minimize size and number of windows; laminated window glazing; solid core exterior doors; and bollards, planters and protective landscaping. 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						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  62033
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Connection	LS	--	--	(192)
EMCS Connection	LS	--	--	(54)
SDD and EPAct05	LS	--	--	(745)
Antiterrorism Measures	LS	--	--	(1,075)
Building Information Systems	LS	--	--	(2,966)
			Total	5,032

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

will be provided. Demolish 1 building (TOTAL 44,341 SF). Air Conditioning (Estimated 10,551 kW/3,000 Tons).

11. REQ: 17,382 m2 ADQT: NONE SUBSTD: NONE  
PROJECT: Construct a standard design Brigade Combat Team (BCT) Complex for a Brigade Combat Team at Fort Stewart, Georgia. (New Mission)  
REQUIREMENT: This project is required to provide adequate brigade and battalion headquarters, and company operations facilities, to support the formation of BCTs at Fort Stewart. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). With this reorganization, a shortfall of critical mission support facilities now exists. All existing facilities suitable for use under these facility category codes are fully utilized. Consequently, existing facilities are not available to fully support this revised configuration.  
CURRENT SITUATION: Currently, the lack of adequate facilities on Fort Stewart has dictated the use of approximately 345 relocatable/modular facilities on an emergency basis until permanent support facilities can be constructed. These structures are intended to provide only spartan facilities for housing assigned unaccompanied enlisted personnel as well as limited provisional accommodations for brigade, battalion and company level administrative functions. The use of these facilities is only as a stop gap measure and are not intended nor designed to serve the long term need. Construction of permanent, adequate support facilities are essential in order to support the BCT's mission at Fort Stewart.  
IMPACT IF NOT PROVIDED: If this project is not provided, continued use of the existing, substandard modular facilities for operational and administrative functions will be required. Living and 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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  62033
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ADDITIONAL: (CONTINUED)

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 2009..... 15.00
    - (c) Date 35% Designed..... FEB 2010
    - (d) Date Design Complete..... MAY 2010
    - (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 Stewart
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 2,117
    - (b) All Other Design Costs..... 1,271
    - (c) Total Design Cost..... 3,388
    - (d) Contract..... 2,117
    - (e) In-house..... 1,271
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... MAR 2010
  - (6) Construction Completion..... MAR 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  62033
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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>
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NA

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Automated Sniper Field Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 67027		8. PROJECT COST (\$000) Auth 3,400 Approp 3,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,989
Auto Sniper Field Fire Range		FP	4	--	556,326	(2,225)
Range Operation Control Area		EA	1	--	114,378	(114)
Range Control Tower		m2 (SF)	23.78	( 256)	2,660	(63)
Classroom Building		m2 (SF)	74.32	( 800)	2,280	(169)
Range Operations & Storage		m2 (SF)	74.32	( 800)	2,080	(155)
Total from Continuation page						(263)
<u>SUPPORTING FACILITIES</u>						96
Electric Service		LS	--	--	--	(22)
Site Imp( 3) Demo( 6)		LS	--	--	--	(9)
Information Systems		LS	--	--	--	(65)
ESTIMATED CONTRACT COST						3,085
CONTINGENCY (5.00%)						154
SUBTOTAL						3,239
SUPV, INSP & OVERHEAD (5.70%)						185
TOTAL REQUEST						3,424
TOTAL REQUEST (ROUNDED)						3,400
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Sniper Range using the existing Sniper Range footprint. Primary facilities include the sniper range, range operations and control area, range control tower, classroom building, ammunition breakdown building, bleacher enclosure, range operations and storage building, latrine, covered mess, fencing, and building information systems. Supporting facilities include electric service, paving, site improvements and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Demolish 2 Buildings (TOTAL 132 m2/1,420 SF). Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ:		4 FP	ADQT:		NONE	SUBSTD:
PROJECT:		Construct a standard design Sniper Range at Fort Stewart, Georgia. (Current Mission)				
REQUIREMENT: This project is required to support the Grow the Army initiative and 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 project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This range satisfies the training and qualification requirements of the sniper rifle. Combat and combat support units require training proficiency in sniper weapon						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Automated Sniper Field Fire Range	5. PROJECT NUMBER  67027
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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)	11.15 ( 120)	2,090	(23)
Latrine	m2 (SF)	18.58 ( 200)	3,208	(60)
Covered Mess	m2 (SF)	74.32 ( 800)	1,027	(76)
Bleacher Enclosure	m2 (SF)	49.70 ( 535)	1,032	(51)
Fence	m (LF)	268.22 ( 880)	91.31	(24)
SDD and EAct05	LS	--	--	(8)
Antiterrorism Measures	LS	--	--	(12)
Building Information Systems	LS	--	--	(9)
			Total	263

REQUIREMENT: (CONTINUED)

systems. Army standard ranges with target systems affording doctrinal densities and target types are the minimum necessary to prepare Soldiers for combat.

CURRENT SITUATION: Existing Sniper Range does provide current training standard distance, target systems, target diversity or maximum effective range engagements. Existing range does not provide modernized targetry or scoring. Need is not being met as standardized training cannot be accomplished without waivers.

IMPACT IF NOT PROVIDED: If this facility is not provided, the Soldiers of Fort Stewart, Reserve and National Guard units, and other authorized users that train at Fort Stewart 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Automated Sniper Field Fire Range	5. PROJECT NUMBER  67027
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... FEB 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... DEC 2008
    - (d) Date Design Complete..... JUL 2009
    - (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 Polk
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 140
    - (b) All Other Design Costs..... 115
    - (c) Total Design Cost..... 255
    - (d) Contract..... 180
    - (e) In-house..... 75
  
  - (4) Construction Contract Award..... DEC 2009
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Automated Sniper Field Fire Range	5. PROJECT NUMBER  67027
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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>
NA			

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Warrior in Transition (WT) Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 69391		8. PROJECT COST (\$000) Auth 49,000 Approp 49,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						38,159
Barracks, WT		m2 (SF)	13,434 ( 144,600)		2,204	(29,602)
Admin and Ops Facility, WT		m2 (SF)	2,796 ( 30,100)		2,248	(6,286)
IDS Installation		LS	--		--	(10)
EMCS Connections		LS	--		--	(45)
SDD and EPAct05		LS	--		--	(720)
Total from Continuation page						(1,496)
<u>SUPPORTING FACILITIES</u>						4,002
Electric Service		LS	--		--	(802)
Water, Sewer, Gas		LS	--		--	(435)
Paving, Walks, Curbs & Gutters		LS	--		--	(695)
Storm Drainage		LS	--		--	(473)
Site Imp( 911) Demo( 321)		LS	--		--	(1,232)
Information Systems		LS	--		--	(285)
Antiterrorism Measures		LS	--		--	(80)
ESTIMATED CONTRACT COST						42,161
CONTINGENCY (5.00%)						2,108
SUBTOTAL						44,269
SUPV, INSP & OVERHEAD (5.70%)						2,523
DESIGN/BUILD - DESIGN COST						1,771
TOTAL REQUEST						48,563
TOTAL REQUEST (ROUNDED)						49,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Complex. Primary facilities include a WT Barracks and Administration and Operations facility. Provide energy monitoring and control system (EMCS) connections, building information systems, fire alarm detection, reporting systems, mass notification system, automatic building sprinklers, installation of Intrusion Detection System (IDS), and force protection measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. 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. Antiterrorism/Force Protection (AT/FP) measures will be provided by use of setbacks, special windows and doors. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 19 Buildings (TOTAL 3,135 m2/33,745 SF). Air Conditioning (Estimated 2,286 kW <sub>r</sub> /650 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  69391
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(1,016)
Building Information Systems	LS	--	--	(480)
			Total	1,496

11. REQ: 240 PN ADQT: NONE SUBSTD: 240 PN  
PROJECT: Construct a standard design Warrior in Transition (WT) Complex at Fort Stewart, Georgia. (New Mission)  
REQUIREMENT: This project is needed to provide adequate permanent facilities for a Warrior Transition Unit (WTU) of two companies and one battalion headquarters to support the healing process for Warriors in Transition (WT) Soldiers.  
CURRENT SITUATION: All existing adequate facilities are being fully utilized. There are no facilities either on or off the installation which can adequately provide the required standard facilities and support for these Soldiers and their families.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the WTU 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.....	JAN 2008
(b) Percent Complete As Of January 2009.....	15.00
(c) Date 35% Designed.....	APR 2010
(d) Date Design Complete.....	SEP 2010
(e) Parametric Cost Estimating Used to Develop Costs	YES

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Warrior in Transition (WT) Complex	5. PROJECT NUMBER 69391
--	----------------------------

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 Riley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,265
(b) All Other Design Costs.....	759
(c) Total Design Cost.....	2,024
(d) Contract.....	1,265
(e) In-house.....	759
(4) Construction Contract Award.....	MAR 2010
(5) Construction Start.....	MAY 2010
(6) Construction Completion.....	SEP 2011

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. PROJECT TITLE Barracks & Dining, Increment 2		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 73675	8. PROJECT COST (\$000) Auth Approp 80,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					101,389
Barracks		m2 (SF)	48,964 ( 527,040)	1,765	(86,440)
Dining Facility		m2 (SF)	2,462 ( 26,500)	2,808	(6,912)
Special Foundations		LS	--	--	(2,048)
EMCS Connections		LS	--	--	(178)
SDD and EPAct05		LS	--	--	(1,868)
Total from Continuation page					(3,943)
<u>SUPPORTING FACILITIES</u>					3,957
Paving, Walks, Curbs & Gutters		LS	--	--	(1,285)
Storm Drainage		LS	--	--	(696)
Site Imp( 1,862) Demo( )		LS	--	--	(1,862)
Antiterrorism Measures		LS	--	--	(114)
ESTIMATED CONTRACT COST					105,346
CONTINGENCY (5.00%)					5,267
SUBTOTAL					110,613
SUPV, INSP & OVERHEAD (5.70%)					6,305
DESIGN/BUILD - DESIGN COST					4,425
TOTAL REQUEST					121,343
TOTAL REQUEST (ROUNDED)					121,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction This project is Increment 2 of FY09 project number (PN) 68844. Congress authorized the full amount of \$121M and appropriated \$41M in FY09. This project requests appropriations for the remaining \$80M. Construct standard design barracks and a dining facility for an Infantry Brigade Combat Team (Light). Work includes fire protection, detection, and alarm systems; Battalion Site Amenities including: multipurpose courts, physical training and covered seating areas; connections with the energy monitoring and control system (EMCS). Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Supporting facilities include electricity, natural gas, water and sewer services; security lighting; fire protection; paving; service area paving; walks, storm drainage; parking; signage; information systems, lightning protection systems; and site improvements and landscaping. Special foundations are required due to soil conditions. Heat and air conditioning will be provided via self contained systems. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 4,868 kW/1,384 Tons).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																									
3. INSTALLATION AND LOCATION  Fort Stewart, Georgia																											
4. PROJECT TITLE  Barracks & Dining, Increment 2	5. PROJECT NUMBER  73675																										
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">Antiterrorism Measures</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(1,868)</td> </tr> <tr> <td data-bbox="232 657 727 688">Building Information Systems</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(2,075)</td> </tr> <tr> <td colspan="3" data-bbox="232 688 1239 720"></td> <td data-bbox="1239 688 1360 720">Total</td> <td data-bbox="1360 688 1510 720">3,943</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Antiterrorism Measures	LS	--	--	(1,868)	Building Information Systems	LS	--	--	(2,075)				Total	3,943
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Antiterrorism Measures	LS	--	--	(1,868)																							
Building Information Systems	LS	--	--	(2,075)																							
			Total	3,943																							
<p>11. <u>REQ:</u> 6,678 PN <u>ADQT:</u> 5,948 PN <u>SUBSTD:</u> NONE</p> <p><u>PROJECT:</u> Construct standard design barracks and a dining facility for an Infantry Brigade Combat Team (Light) at Fort Stewart, Georgia. (New Mission)</p> <p><u>REQUIREMENT:</u> This project is required to support the stationing of an Infantry Brigade Combat Team as part of the Army Grow the Force initiative at Fort Stewart. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). Maximum intended utilization is 1,440 Soldiers. Intended utilization is 992 Junior Enlisted and 224 Sergeants.</p> <p><u>CURRENT SITUATION:</u> 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 dining facilities to support the stationing of an Infantry Brigade Combat Team Light at Fort Stewart.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to support the permanent stationing of this Infantry Brigade Combat Team to Fort Stewart.</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. 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, \$9.9M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Stewart. Upon completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is 257 personnel at this installation.</p>																											

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Stewart, Georgia

4. PROJECT TITLE	5. PROJECT NUMBER
Barracks & Dining, Increment 2	73675

	FY2009 (\$000)	Requested FY2010 (\$000)
Authorization	\$121,000	\$0
Authorization of Appropriation	\$41,000	\$80,000
Appropriation	\$41,000	\$80,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... FEB 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (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..... 2,770
    - (b) All Other Design Costs..... 1,660
    - (c) Total Design Cost..... 4,430
    - (d) Contract..... 2,770
    - (e) In-house..... 1,660
  
  - (4) Construction Contract Award..... JAN 2009
  
  - (5) Construction Start..... APR 2009
  
  - (6) Construction Completion..... MAY 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Barracks & Dining, Increment 2	5. PROJECT NUMBER  73675
--	--------------------------------

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 W. Biering  
Phone Number: 912-767-8356

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				233
55274	Vehicle Maintenance Shop	63,000	63,000	C	235
55281	Vehicle Maintenance Shop	36,000	36,000	C	239
69521	Warrior in Transition (WT) Barracks	55,000	55,000	N	242
71553	Warrior in Transition Complex	30,000	30,000	N	245
	Wheeler Army Air Field				
57179	Regional SATCOM Information Center	7,500	7,500	C	248
		-----	-----		
	Subtotal Schofield Barracks Part I	\$ 191,500	191,500		
	* TOTAL MCA FOR Hawaii	\$ 191,500	191,500		

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1. COMPONENT ARMY		FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009	
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
A. AS OF 31 OCT 2008		1904	13985	1605	0	101	0
B. END FY 2015		1920	14428	1742	0	107	0
					196	2131	4455
					190	2372	4454
							TOTAL
							24,377
							25,213
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.....						1,418,857	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						191,500	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
214	55274	Vehicle Maintenance Shop		63,000	04/2008	05/2010	
214	55281	Vehicle Maintenance Shop		36,000	04/2008	05/2010	
131	57179	Regional SATCOM Information Center		7,500	04/2008	05/2010	
721	69521	Warrior in Transition (WT) Barracks		55,000	10/2007	09/2010	
141	71553	Warrior in Transition Complex		30,000	03/2008	08/2010	
TOTAL				191,500			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
<p>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.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
----------------------	--	------------------------

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Schofield Barracks Hawaii				4.PROJECT TITLE Vehicle Maintenance Shop		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  214	7.PROJECT NUMBER  55274		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>						40,759
Vehicle Maintenance Shop		m2 (SF)	5,298 ( 57,031)		4,723	(25,026)
Oil Storage Building		m2 (SF)	83.61 ( 900)		2,202	(184)
Hazardous Material Storage		m2 (SF)	83.61 ( 900)		4,810	(402)
Deployment Equipment Storage		m2 (SF)	1,719 ( 18,500)		2,188	(3,761)
Distribution Company Storage		m2 (SF)	743.22 ( 8,000)		3,003	(2,232)
Total from Continuation page						(9,154)
<u>SUPPORTING FACILITIES</u>						13,932
Electric Service		LS	--		--	(4,020)
Water, Sewer, Gas		LS	--		--	(2,727)
Paving, Walks, Curbs & Gutters		LS	--		--	(675)
Storm Drainage		LS	--		--	(2,291)
Site Imp( 2,181) Demo( 254)		LS	--		--	(2,435)
Information Systems		LS	--		--	(1,624)
Antiterrorism Measures		LS	--		--	(160)
ESTIMATED CONTRACT COST						54,691
CONTINGENCY (5.00%)						2,735
SUBTOTAL						57,426
SUPV, INSP & OVERHEAD (6.50%)						3,733
DESIGN/BUILD - DESIGN COST						2,297
TOTAL REQUEST						63,456
TOTAL REQUEST (ROUNDED)						63,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard-design vehicle maintenance complex. Primary facilities include tactical equipment maintenance shops, organizational vehicle parking, deployment equipment storage, covered storage shed, petroleum oils and lubricants (POL) storage, distribution company storage, and hazardous material storage. Installation of Intrusion detection system (IDS) is required. Provide connection to Energy Monitoring and Control Systems (EMCS). Antiterrorism/force protection (AT/FP) measures include installation of laminated glass for all exterior windows and glazed doors. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; fencing and gates; storm drainage; information systems; and site improvements. Access for the disabled will be provided. Comprehensive building and furnishings related interior design services are required. Air conditioning will be provided in administrative area only. Mechanical ventilation will be provided in the shop bay and storage areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 9 Buildings (TOTAL 1,967 m2/21,168 SF). Air Conditioning (Estimated 106 kWr/30 Tons).						

1. COMPONENT <b>ARMY</b>	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Schofield Barracks, Hawaii

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 55274
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking	m2 (SY)	43,579 ( 52,120)	159.07	(6,932)
Storage Shed, Covered	m2 (SF)	269.42 ( 2,900)	1,111	(299)
IDS Installation	LS	--	--	(22)
EMCS Connections	LS	--	--	(87)
SDD and EPAct05	LS	--	--	(806)
Antiterrorism Measures	LS	--	--	(410)
Building Information Systems	LS	--	--	(598)
			Total	9,154

11. REQ: 60,724 m2 ADQT: 34,363 m2 SUBSTD: 18,762 m2  
PROJECT: Construct a standard design vehicle maintenance complex at Schofield Barracks, Hawaii. (Current Mission)  
REQUIREMENT: The project is required to provide vehicle maintenance facilities adequate to fulfill the needs of the Combat Support Brigade (CSB). The readiness posture and effectiveness of the unit depends on well maintained equipment and adequate work facility. This project is associated with global defense posture changes.  
CURRENT SITUATION: Adequate existing facilities do not exist to accommodate the stationing action of the Combat Support Brigade.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the CSB and Soldiers will continue to work out of temporary 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																												
3. INSTALLATION AND LOCATION  Schofield Barracks, Hawaii																														
4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  55274																													
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>APR 2008</u></td></tr> <tr><td>(b) Percent Complete As Of January 2009.....</td><td><u>15.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>FEB 2010</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>MAY 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-build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Bliss</td><td></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><u>816</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>744</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>1,560</u></td></tr> <tr><td>(d) Contract.....</td><td><u>140</u></td></tr> <tr><td>(e) In-house.....</td><td><u>1,420</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2010</u></p> <p>(5) Construction Start..... <u>MAR 2010</u></p> <p>(6) Construction Completion..... <u>MAR 2012</u></p>			(a) Date Design Started.....	<u>APR 2008</u>	(b) Percent Complete As Of January 2009.....	<u>15.00</u>	(c) Date 35% Designed.....	<u>FEB 2010</u>	(d) Date Design Complete.....	<u>MAY 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-build		(g) An energy study and life cycle cost analysis will be documented during the final design.		(a) Standard or Definitive Design: YES		(b) Where Most Recently Used: Fort Bliss		(a) Production of Plans and Specifications.....	<u>816</u>	(b) All Other Design Costs.....	<u>744</u>	(c) Total Design Cost.....	<u>1,560</u>	(d) Contract.....	<u>140</u>	(e) In-house.....	<u>1,420</u>
(a) Date Design Started.....	<u>APR 2008</u>																													
(b) Percent Complete As Of January 2009.....	<u>15.00</u>																													
(c) Date 35% Designed.....	<u>FEB 2010</u>																													
(d) Date Design Complete.....	<u>MAY 2010</u>																													
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																													
(f) Type of Design Contract: Design-build																														
(g) An energy study and life cycle cost analysis will be documented during the final design.																														
(a) Standard or Definitive Design: YES																														
(b) Where Most Recently Used: Fort Bliss																														
(a) Production of Plans and Specifications.....	<u>816</u>																													
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(e) In-house.....	<u>1,420</u>																													

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  55274
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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>
	NA		

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

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii				4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 55281		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>						22,365
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		4,994	(16,375)
Oil Storage Building		m2 (SF)	50.17 ( 540)		2,325	(117)
Hazardous Material Storage		m2 (SF)	50.17 ( 540)		4,800	(241)
Deployment Equipment Storage		m2 (SF)	520.26 ( 5,600)		2,271	(1,182)
Organizational Vehicle Parking		m2 (SY)	21,631 ( 25,870)		161.46	(3,492)
Total from Continuation page						(958)
<u>SUPPORTING FACILITIES</u>						8,787
Electric Service		LS	--		--	(1,690)
Water, Sewer, Gas		LS	--		--	(1,317)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,174)
Storm Drainage		LS	--		--	(1,100)
Site Imp( 1,989) Demo( 515)		LS	--		--	(2,504)
Information Systems		LS	--		--	(1,002)
ESTIMATED CONTRACT COST						31,152
CONTINGENCY (5.00%)						1,558
SUBTOTAL						32,710
SUPV, INSP & OVERHEAD (6.50%)						2,126
DESIGN/BUILD - DESIGN COST						1,308
TOTAL REQUEST						36,144
TOTAL REQUEST (ROUNDED)						36,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard-design vehicle maintenance complex. The primary facility will include tactical equipment maintenance shops, organizational vehicle parking, deployment equipment storage, Petroleum Oils and Lubricants (POL) storage, and hazardous material storage. Installation of Intrusion detection system (IDS) and connection to Energy Monitoring and Control System (EMCS) are required. Antiterrorism and force protection measures include installation of laminated glass for all exterior windows and glazed doors. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; fencing and gates; storm drainage; information systems; and site improvements. Access for the disabled will be provided. Air conditioning will be provided in administrative area only. Mechanical ventilation will be provided in the shop bay and storage areas. 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 9 Buildings (TOTAL 1,968 m2/21,188 SF). Air Conditioning (Estimated 70 kW/20 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  55281
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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	--	--	(29)
SDD and EPAct05	LS	--	--	(328)
Antiterrorism Measures	LS	--	--	(300)
Building Information Systems	LS	--	--	(301)
			Total	958

11. REQ: 60,724 m2 ADQT: 34,363 m2 SUBSTD: 18,762 m2  
PROJECT: Construct a standard-design vehicle maintenance complex at Schofield Barracks, Hawaii. (Current Mission)  
REQUIREMENT: The project is needed to provide vehicle maintenance facilities. The readiness posture and effectiveness of the assigned unit depends on well maintained equipment and an adequate work facility. This project is associated with global defense posture changes.  
CURRENT SITUATION: Adequate existing facilities do not exist to accommodate the supported unit.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the Global Defense Posture Initiative and Soldiers will continue to work out of temporary 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..... APR 2008  
(b) Percent Complete As Of January 2009..... 15.00  
(c) Date 35% Designed..... FEB 2010

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  55281
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... MAY 2010
- (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..... 1,242
- (b) All Other Design Costs..... 318
- (c) Total Design Cost..... 1,560
- (d) Contract..... 110
- (e) In-house..... 1,450

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

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

(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: Alan Goo  
Phone Number: 808-656-1289

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii			4. PROJECT TITLE Warrior in Transition (WT) Barracks		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 69521	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>					43,033
Barracks - WT		m2 (SF)	6,717 ( 72,300)	5,700	(38,286)
Central Plant		m2 (SF)	278.71 ( 3,000)	8,880	(2,475)
EMCS Connections		LS	--	--	(150)
SDD and EPAct05		LS	--	--	(744)
Antiterrorism Measures		LS	--	--	(931)
Building Information Systems		LS	--	--	(447)
<u>SUPPORTING FACILITIES</u>					4,078
Electric Service		LS	--	--	(1,385)
Water, Sewer, Gas		LS	--	--	(611)
Steam And/Or Chilled Water Dist		LS	--	--	(151)
Paving, Walks, Curbs & Gutters		LS	--	--	(288)
Storm Drainage		LS	--	--	(863)
Site Imp( 498) Demo( )		LS	--	--	(498)
Information Systems		LS	--	--	(254)
Antiterrorism Measures		LS	--	--	(28)
ESTIMATED CONTRACT COST					47,111
CONTINGENCY (5.00%)					2,356
SUBTOTAL					49,467
SUPV, INSP & OVERHEAD (6.50%)					3,215
DESIGN/BUILD - DESIGN COST					1,979
TOTAL REQUEST					54,661
TOTAL REQUEST (ROUNDED)					55,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Barracks. Project includes Central Plant, building information systems, connection to an Energy Management Control System (EMCS), Fire/ Smoke Detection/ Enunciation/ Suppression Systems and connections to the installation central systems. Heating and Air Conditioning will be provided by connecting to Central Plant. Provide Antiterrorism/Force Protection (AT/FP)measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. AT/FP will be provided by use of setbacks, special windows and doors. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 950 kW/270 Tons).					
11. REQ: 120 PN		ADQT: NONE		SUBSTD: 120 PN	
PROJECT: Construct a standard design Warrior in Transition Barracks at Schofield Barracks, Hawaii. (New Mission)					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4. PROJECT TITLE  Warrior in Transition (WT) Barracks	5. PROJECT NUMBER  69521
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REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of two companies and a battalion headquarters of Warriors in Transition (WT) Soldiers.

CURRENT SITUATION: Schofield Barracks supports two companies and a battalion headquarters of Warriors in Transition. There are no facilities on the installation which can adequately provide the required standard facilities for the Soldiers or their families.

IMPACT IF NOT PROVIDED: If this project is not provided Soldiers who are Warriors in Transition, their Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.....	<u>OCT 2007</u>
(b) Percent Complete As Of January 2009.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>APR 2010</u>
(d) Date Design Complete.....	<u>SEP 2010</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 Riley
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)	
(a) Production of Plans and Specifications.....	<u>1,523</u>
(b) All Other Design Costs.....	<u>1,219</u>
(c) Total Design Cost.....	<u>2,742</u>

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4. PROJECT TITLE  Warrior in Transition (WT) Barracks	5. PROJECT NUMBER  69521
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	1,219
(e) In-house.....	1,523
(4) Construction Contract Award.....	MAR 2010
(5) Construction Start.....	MAY 2010
(6) Construction Completion.....	MAR 2011

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. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii				4. PROJECT TITLE Warrior in Transition Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71553		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>						23,859
Admin and Ops Facility, WT		m2 (SF)	2,666 ( 28,700)		5,431	(14,482)
Solider Family Assistance Ctr		m2 (SF)	1,459 ( 15,700)		4,994	(7,285)
IDS Installation		LS	--		--	(128)
EMCS Connections		LS	--		--	(150)
SDD and EPAct05		LS	--		--	(435)
Total from Continuation page						(1,379)
<u>SUPPORTING FACILITIES</u>						2,402
Electric Service		LS	--		--	(364)
Water, Sewer, Gas		LS	--		--	(312)
Steam And/Or Chilled Water Dist		LS	--		--	(100)
Paving, Walks, Curbs & Gutters		LS	--		--	(117)
Storm Drainage		LS	--		--	(676)
Site Imp( 499) Demo( )		LS	--		--	(499)
Information Systems		LS	--		--	(334)
ESTIMATED CONTRACT COST						26,261
CONTINGENCY (5.00%)						1,313
SUBTOTAL						27,574
SUPV, INSP & OVERHEAD (6.50%)						1,792
DESIGN/BUILD - DESIGN COST						1,103
TOTAL REQUEST						30,469
TOTAL REQUEST (ROUNDED)						30,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Complex. Primary facilities include a Warrior in Transition Administrative and Operations Facility, Soldier and Family Assistance Center (SFAC), building information systems, installation of Intrusion Detection System (IDS), connection to an Energy Management Control System (EMCS) and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation's central systems. Provide Antiterrorism/Force Protection Measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Heating and air conditioning provided by self contained systems. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 475 kW/135 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71553
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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	--	--	(519)
Building Information Systems	LS	--	--	(860)
			Total	1,379

11. REQ: 2,666 m2 ADQT: NONE SUBSTD: 2,009 m2

PROJECT: Construct a standard design Warrior in Transition (WT) Complex at Schofield Barracks, Hawaii. (New Mission)

REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of two companies and battalion headquarters for Warriors in Transition (WT) Soldiers.

CURRENT SITUATION: Schofield Barracks supports two companies and a battalion headquarters of Warriors in Transition. There are no facilities on the installation which can adequately provide the required standard facilities for the Soldiers or their families.

IMPACT IF NOT PROVIDED: If this project is not provided Soldiers who are Warriors in Transition, their Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.....	MAR 2008
(b) Percent Complete As Of January 2009.....	15.00
(c) Date 35% Designed.....	MAR 2010

1.COMONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
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3.INSTALLATION AND LOCATION  
  
Schofield Barracks, Hawaii

4.PROJECT TITLE  Warrior in Transition Complex	5.PROJECT NUMBER  71553
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (d) Date Design Complete..... AUG 2010
  - (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 Riley
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 668
  - (b) All Other Design Costs..... 401
  - (c) Total Design Cost..... 1,069
  - (d) Contract..... 668
  - (e) In-house..... 401
- (4) Construction Contract Award..... FEB 2010
- (5) Construction Start..... APR 2010
- (6) Construction Completion..... APR 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: Alan Goo  
Phone Number: 808-656-1289

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Wheeler Army Air Field Hawaii (Schofield Barracks)			4. PROJECT TITLE Regional SATCOM Information Center		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 131	7. PROJECT NUMBER 57179	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>					4,939
Information Processing Center		m2 (SF)	622.45 ( 6,700)	6,969	(4,338)
Antenna/Utility Pad and Wall		m2 (SF)	83.61 ( 900)	2,096	(175)
IDS Installation		LS	--	--	(44)
EMCS Connection		LS	--	--	(10)
SDD and EPAct05		LS	--	--	(76)
Total from Continuation page					(296)
<u>SUPPORTING FACILITIES</u>					1,567
Electric Service		LS	--	--	(88)
Water, Sewer, Gas		LS	--	--	(387)
Paving, Walks, Curbs & Gutters		LS	--	--	(29)
Storm Drainage		LS	--	--	(132)
Site Imp( 619) Demo( 112)		LS	--	--	(731)
Information Systems		LS	--	--	(94)
Antiterrorism Measures		LS	--	--	(106)
ESTIMATED CONTRACT COST					6,506
CONTINGENCY (5.00%)					325
SUBTOTAL					6,831
SUPV, INSP & OVERHEAD (6.50%)					444
DESIGN/BUILD - DESIGN COST					273
TOTAL REQUEST					7,548
TOTAL REQUEST (ROUNDED)					7,500
INSTALLED EQT-OTHER APPROP					(1,235)
10. Description of Proposed Construction Construct a Regional Satellite Communication (SATCOM) Support Center. Provide space for satellite communications automated equipment, telecommunications circuits termination area; administrative offices and work spaces, a conference and training area, equipment storage, and personnel and security support areas. Provide two antenna pads with screening. Facility will include connection to Energy Monitor Control System (EMCS) and a security system, and installation of an Intrusion Detection System (IDS). Anti-terrorism (AT) measures (structural strengthening, laminated glass, and anchored window frames), personal alerting system and a fire protection system are included. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; security lighting; information systems; and site improvements. 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 3 Buildings (TOTAL 717 m2/7,718 SF). Air Conditioning (Estimated 106 kW/30 Tons).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																									
3. INSTALLATION AND LOCATION  Wheeler Army Air Field, Hawaii (Schofield Barracks)																											
4. PROJECT TITLE  Regional SATCOM Information Center	5. PROJECT NUMBER  57179																										
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1247 562">QUANTITY</th> <th data-bbox="1247 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">Antiterrorism Measures</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1247 657">--</td> <td data-bbox="1247 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(52)</td> </tr> <tr> <td data-bbox="232 657 727 688">Building Information Systems</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1247 688">--</td> <td data-bbox="1247 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(244)</td> </tr> <tr> <td colspan="3" data-bbox="1247 688 1360 720">Total</td> <td colspan="2" data-bbox="1360 688 1510 720">296</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Antiterrorism Measures	LS	--	--	(52)	Building Information Systems	LS	--	--	(244)	Total			296	
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Antiterrorism Measures	LS	--	--	(52)																							
Building Information Systems	LS	--	--	(244)																							
Total			296																								
<p>11. REQ: 622 m2 ADQT: NONE SUBSTD: 331 m2  PROJECT: Construct a Regional Satellite Communications Support Center (RSSC) at Wheeler Army Air Field, Hawaii. (Current Mission)  REQUIREMENT: The mission of the multi-service Regional Satellite Communications Support Center (RSSC) is to provide satellite communications (SATCOM) planning support to Combatant Commanders. This facility provides planning support to US Pacific Command. This facility also provides minor space to the Defense Information Systems Agency (DISA) - Pacific for missions that are jointly operated by both activities. The secure facility provides 24-hour a day automated planning in support of the US Pacific Command's SATCOM requirements. The mission equipment requires collocation with DISA due to the very expensive communications circuits.  CURRENT SITUATION: The RSSC and DISA (Exercise and Contingency Branch) missions currently occupy a WWII wood temporary structure. This inadequate building is not large enough to support these expanded missions and does not provide force protection to the occupants or mission equipment. The facility was not designed for its current mission and the electrical and mechanical systems are inadequate. No other space is available on Wheeler AAF. This RSSC operates in conjunction with the Global SATCOM Support Center (GSSC) at Peterson Air Force Base, Colorado Springs, CO; the RSSC-Continental United States (CONUS) at MacDill AFB, Tampa, FL; and the RSSC-Europe at Patch Barracks, Stuttgart, GE. Leasing off-post space or relocation onto a different installation are not feasible options.  IMPACT IF NOT PROVIDED: If this project is not provided, the RSSC-Pacific will continue to operate in an inadequate building that is scheduled for demolition. The facility is not large enough for the additional equipment that continues to be fielded to perform this mission. The facility utilities will continue to be stressed with increasing possibilities of outages that will disrupt missions and impact the equipment. The inadequate facility will continue to deteriorate, increasing operating costs and degrading mission accomplishment.  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</p>																											



1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Wheeler Army Air Field, Hawaii (Schofield Barracks)

4. PROJECT TITLE Regional SATCOM Information Center	5. PROJECT NUMBER 57179
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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	OPA	2011	1,200
Info Sys - ISC	OPA	2011	35
		TOTAL	<u>1,235</u>

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

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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 Riley (IMCOM)				255
19389	Training Aids Center	15,500	15,500	C	257
64568	Advanced Waste Water Treatment Plant	28,000	28,000	C	261
64570	Igloo Storage, Installation	7,200	7,200	C	265
65133	Brigade Complex	49,000	49,000	C	268
65135	Battalion Complex	59,000	59,000	C	272
68792	Land Vehicle Fueling Facility	3,700	3,700	N	276
	Subtotal Fort Riley Part I	\$ 162,400	162,400		
	* TOTAL MCA FOR Kansas	\$ 162,400	162,400		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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 31 OCT 2008	1906	12860	1770	0	10	0	937 1478 4805 23,766
B. END FY 2015	2236	16507	2208	0	10	0	65 653 4839 26,518
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.....							837,766
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							162,400
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD
G. REMAINING DEFICIENCY.....							TBD
H. GRAND TOTAL.....							TBD
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
141	19389	Training Aids Center				15,500	10/2007 08/2009
422	64570	Igloo Storage, Installation				7,200	04/2008 05/2010
831	64568	Advanced Waste Water Treatment Plant				28,000	09/2006 10/2009
721	65133	Brigade Complex				49,000	04/2008 05/2010
721	65135	Battalion Complex				59,000	04/2008 05/2010
123	68792	Land Vehicle Fueling Facility				3,700	08/2008 05/2010
TOTAL						162,400	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. REQUESTED IN THE FY 2011 PROGRAM:						TBD	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):						TBD	
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						TBD	
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.							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Riley, 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Riley Kansas				4.PROJECT TITLE Training Aids Center		
5.PROGRAM ELEMENT  22212A		6.CATEGORY CODE  141	7.PROJECT NUMBER  19389		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>						12,420
Training Aids Center		m2 (SF)	6,711 (	72,239)	1,595	(10,707)
Storage Shed, Covered		m2 (SF)	222.97 (	2,400)	535.71	(119)
Special Foundations		m2 (SF)	6,934 (	74,639)	140.25	(973)
IDS Installation		m2 (SF)	. 9 (	1)	130,256	(12)
EMCS Connections		EA	1 --		49,098	(49)
Total from Continuation page						(560)
<u>SUPPORTING FACILITIES</u>						1,357
Electric Service		LS	--		--	(104)
Water, Sewer, Gas		LS	--		--	(155)
Paving, Walks, Curbs & Gutters		LS	--		--	(344)
Storm Drainage		LS	--		--	(154)
Site Imp( 494) Demo( )		LS	--		--	(494)
Information Systems		LS	--		--	(79)
Antiterrorism Measures		LS	--		--	(27)
ESTIMATED CONTRACT COST						13,777
CONTINGENCY (5.00%)						689
SUBTOTAL						14,466
SUPV, INSP & OVERHEAD (5.70%)						825
TOTAL REQUEST						15,291
TOTAL REQUEST (ROUNDED)						15,500
INSTALLED EQT-OTHER APPROP						(1,014)
10.Description of Proposed Construction Construct a standard design Training Aids Center (TAC). Primary facilities include administrative, classrooms, maintenance, fabrication, warehouse, covered storage areas, special foundations, and building information systems. Supporting facilities include electrical, water, sewer, gas, storm drainage, fire protection, exterior lighting, roads, pavements, walks, curbs, site improvements and information systems. Access for persons with disabilities will be provided. All Anti-Terrorist/Force Protection (AT/FP) measures and installation of Intrusion Detection System (IDS) measures for the sensitive item storage area are included in this project. Provide connections to the Emergency Management Control System (EMCS). 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 190 kW <sub>r</sub> /54 Tons).						
11. REQ:		6,698 m2	ADQT: NONE		SUBSTD:	3,317 m2
PROJECT: Construct a standard design Training Aids Center at Fort Riley, Kansas. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  19389
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EAct05	LS	--	--	(204)
Antiterrorism Measures	LS	--	--	(204)
Building Information Systems	LS	--	--	(152)
			Total	560

REQUIREMENT: This project is associated with global defense posture changes. This project is required to provide Fort Riley with a complete, modern, consolidated Training Aids Center. This project is required to support the training aids/devices required by the stationing of brigade combat teams, combat aviation brigade and headquarters. Further, this project is required to permit the current TAC buildings to be returned to their originally constructed use as maintenance shops, which are required for the re-stationed units.

CURRENT SITUATION: The present Training Aids Center is located in a diverted tactical equipment maintenance facility. It had been located in two facilities, but due to the demand for maintenance space, they were reduced to one facility with a separate warehouse. The former motor pool was diverted to Training Aids Center with minimal changes to the building. Currently 22 large shipping containers are needed to store material/equipment that can not fit in the current facility. Mission currently has less than 50% of allowed space.

IMPACT IF NOT PROVIDED: If this project is not provided, operations will continue to function out of an old Motor Pool. Fort Riley will not have facilities to support the increase in training aids/devices required by the restationed units. Further, the current TAC will remain in place, operating out of less than 50% of allowed square footage. Additional shipping containers will be needed and a requirement to construct other maintenance shops further reducing the effectiveness of the TAC mission.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  19389
--	--------------------------------

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... OCT 2007
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... AUG 2009
    - (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 Sill
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 600
    - (b) All Other Design Costs..... 270
    - (c) Total Design Cost..... 870
    - (d) Contract..... 520
    - (e) In-house..... 350
  
  - (4) Construction Contract Award..... DEC 2009
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... MAY 2011

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 19389
--	----------------------------

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>
Rack Storage	OPA	2010	279
MHE	OPA	2010	651
Info Sys - ISC	OPA	2011	11
Info Sys - PROP	OPA	2011	73
		TOTAL	<u>1,014</u>

Installation Engineer: Larry McGee  
Phone Number: 785-239-3906

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Advanced Waste Water Treatment Plant		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 831	7. PROJECT NUMBER 64568		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>						23,206
Advanced Waste Water Treatment		L/d(KG)	11,356 ( 3,000)		1,004	(11,399)
Generator Building		EA	1 --		599,529	(600)
Sewage/Waste Treatment Building		m2 (SF)	2,529 ( 27,218)		1,916	(4,845)
Special Foundations		LS	--		--	(426)
Sewage Lift Station		EA	2 --		125,298	(251)
Total from Continuation page						(5,685)
<u>SUPPORTING FACILITIES</u>						2,260
Electric Service		LS	--		--	(726)
Water, Sewer, Gas		LS	--		--	(182)
Paving, Walks, Curbs & Gutters		LS	--		--	(486)
Site Imp( 595) Demo( )		LS	--		--	(595)
Information Systems		LS	--		--	(224)
Antiterrorism Measures		LS	--		--	(47)
ESTIMATED CONTRACT COST						25,466
CONTINGENCY (5.00%)						1,273
SUBTOTAL						26,739
SUPV, INSP & OVERHEAD (5.70%)						1,524
TOTAL REQUEST						28,263
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct an advanced waste water treatment plant (WWTP) with capacity of 3 million gallons per day (MGD). Project includes directing all current flows from Funston, Main Post and Marshall Army Airfield to the new WWTP, lift stations, piping, head works, preliminary treatment, oxidation ditches, clarifiers, activated sludge pumping, sand filtration, ultraviolet (UV) disinfection, sludge handling and treatment facilities, and system control and data acquisition system (SCADA). Project also includes attendant appurtenances, valves, piping, connections, backup generators with buildings, laboratory and control building, head works building and sludge treatment building. Anti-terrorism/force protection measures include the installation of intrusion and duress alarms, and conduit for future sensors. Supporting facilities include electric service, exterior lighting, water, access road, paving, walks, information systems, and site improvements. Exterior anti-terrorism measures will include fencing and landscaping. Access for individuals with disabilities will be provided. Heating will be provided by individual units. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 106 kW/30 Tons).						

1. COMPONENT <b>ARMY</b>	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Advanced Waste Water Treatment Plant	5. PROJECT NUMBER 64568
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Sanitary Sewer Outfall Lines	m (LF)	1,158 ( 3,800)	349.44	(405)
Sanitary Sewer Force Main	m (LF)	365.76 ( 1,200)	342.72	(125)
Camp Forsyth Force Main	m (LF)	11,278 ( 37,000)	433.64	(4,890)
IDS Installation	LS	--	--	(15)
EMCS Connections	LS	--	--	(26)
SDD and EAct05	LS	--	--	(99)
Antiterrorism Measures	LS	--	--	(100)
Building Information Systems	LS	--	--	(25)
			Total	5,685

11. REQ: 26,498 L/d ADQT: 15,142 L/d SUBSTD: NONE  
PROJECT: Construct an advanced waste water treatment plant at Fort Riley, Kansas. (Current Mission)  
REQUIREMENT: This project is required to construct a closed-loop oxidation ditch WWTP due to the dramatic increase in supported population. The current plant was designed for a population of 16,000 and 3,000 family housing units. The population is expected to increase to over 23,000 and the on-post family housing to approximately 5,000 units.  
CURRENT SITUATION: Fort Riley's current plant has a 4 million gallon per day capacity. The supported population will more than double and will overburden the capacity of the plant.  
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Riley will be in violation of its National Pollutant Discharge Elimination System (NPDES) permits, as required by the Clean Water Act. The Installation will be subject to substantial fines, up to \$50,000 per day, and criminal penalties for noncompliance.  
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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Advanced Waste Water Treatment Plant	5. PROJECT NUMBER  64568
--	--------------------------------

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... SEP 2006
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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..... 960
    - (b) All Other Design Costs..... 320
    - (c) Total Design Cost..... 1,280
    - (d) Contract..... 1,024
    - (e) In-house..... 256
  
  - (4) Construction Contract Award..... MAR 2010
  
  - (5) Construction Start..... APR 2010
  
  - (6) Construction Completion..... MAR 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Advanced Waste Water Treatment Plant	5. PROJECT NUMBER  64568
--	--------------------------------

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: Larry M. McGee  
Phone Number: 785-239-3906

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Igloo Storage, Installation		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 422	7. PROJECT NUMBER 64570		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>						4,300
Igloo Storage		m2 (SF)	1,059 ( 11,400)		2,992	(3,169)
Ammunition Storehouse		m2 (SF)	650.32 ( 7,000)		1,038	(675)
Apron and Hardstand		m2 (SY)	2,746 ( 3,284)		70.81	(194)
IDS Installation		LS	--		--	(161)
Antiterrorism Measures		LS	--		--	(80)
Building Information Systems		LS	--		--	(21)
<u>SUPPORTING FACILITIES</u>						1,970
Electric Service		LS	--		--	(240)
Water, Sewer, Gas		LS	--		--	(59)
Paving, Walks, Curbs & Gutters		LS	--		--	(190)
Storm Drainage		LS	--		--	(96)
Site Imp( 1,145) Demo( )		LS	--		--	(1,145)
Information Systems		LS	--		--	(240)
ESTIMATED CONTRACT COST						6,270
CONTINGENCY (5.00%)						314
SUBTOTAL						6,584
SUPV, INSP & OVERHEAD (5.70%)						375
DESIGN/BUILD - DESIGN COST						263
TOTAL REQUEST						7,222
TOTAL REQUEST (ROUNDED)						7,200
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct five standard design, earth-covered igloos, one ammunition storehouse, aprons, hardstand, and installation of intrusion detection (IDS) systems. Igloos are located within the existing ammunition supply point. At least one igloo shall have a crane. Supporting facilities include access roads with truck maneuvering area, electrical service, lightning protection, water and sewer line extensions and fire hydrants, and site improvements. Heating and ventilating systems will be provided by self-contained systems.						
11. REQ: 6,949 m2 ADQT: 4,062 m2 SUBSTD: 121 m2						
PROJECT: Construct standard design ammunition storage igloos at Fort Riley, Kansas. (Current 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 strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. The GTA initiative will allow the Army to increase its capability. Igloos are required for the safe storage of ammunition and						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Igloo Storage, Installation	5. PROJECT NUMBER  64570
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REQUIREMENT: (CONTINUED)

explosives. Increased numbers and types of units assigned to Fort Riley will result in additional quantities and types of ammunition. Certain ammunition types must be segregated from other types.

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. Current ammunition supply point is borderline adequate for the current units assigned to Fort Riley, only because of the currently deployed number of units. Igloo requirements have increased due to the number of reassigned/incoming units and the returning deployed units. Storage limitations are restricted by both space availability and compatibility regulations.

IMPACT IF NOT PROVIDED: If this project is not provided there will be insufficient ammunition storage capacity and waivers will be needed to relax storage regulations. Also, there will be an inability to store required ammunition to support training mission, and unauthorized/unprotected open storage creating physical security problems, will result.

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 2009..... 15.00
- (c) Date 35% Designed..... FEB 2010
- (d) Date Design Complete..... MAY 2010
- (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:

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Igloo Storage, Installation	5. PROJECT NUMBER 64570
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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 Polk

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	163
(b) All Other Design Costs.....	98
(c) Total Design Cost.....	261
(d) Contract.....	163
(e) In-house.....	98
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAY 2011

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>
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NA

Installation Engineer: Larry McGee  
Phone Number: 785-239-3906

1. COMPONENT <b>ARMY</b>		FY 2010      MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Brigade Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 65133	8. PROJECT COST (\$000) Auth                    49,000 Approp                 49,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					35,972
Barracks		m2 (SF)	5,304 ( 57,096)	2,279	(12,090)
Brigade Headquarters		m2 (SF)	3,205 ( 34,500)	2,381	(7,631)
Battalion HQs w/Classrooms		m2 (SF)	1,524 ( 16,400)	2,289	(3,487)
Company Operations Facilities		m2 (SF)	4,794 ( 51,607)	1,649	(7,907)
Covered Hardstand		m2 (SF)	682 ( 7,341)	592.02	(404)
Total from Continuation page					(4,453)
<u>SUPPORTING FACILITIES</u>					6,321
Electric Service		LS	--	--	(57)
Water, Sewer, Gas		LS	--	--	(886)
Steam And/Or Chilled Water Dist		LS	--	--	(48)
Paving, Walks, Curbs & 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
SUPV, INSP & OVERHEAD (5.70%)					2,531
DESIGN/BUILD - DESIGN COST					1,776
TOTAL REQUEST					48,715
TOTAL REQUEST (ROUNDED)					49,000
INSTALLED EQT-OTHER APPROP					(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 (EPAct05) features will be provided. Demolish existing buildings (TOTAL 103,000 SF). Air Conditioning					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  65133
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Deployment Equipment Storage	m2 (SF)	682.84 ( 7,350)	1,060	(724)
Special Foundations	LS	--	--	(1,591)
IDS Installation	LS	--	--	(24)
EMCS Connections	LS	--	--	(108)
SDD and EPAct05	LS	--	--	(645)
Antiterrorism Measures	LS	--	--	(645)
Building Information Systems	LS	--	--	(716)
			Total	4,453

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
(Estimated 1,407 kW<sub>r</sub>/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 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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  65133
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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, \$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 0 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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 Stewart

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 1,114
  - (b) All Other Design Costs..... 669
  - (c) Total Design Cost..... 1,783
  - (d) Contract..... 1,114
  - (e) In-house..... 669

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

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Brigade Complex	5. PROJECT NUMBER  65133
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... JUL 2011

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	2011	1,373
		TOTAL	<u>1,373</u>

Installation Engineer: Larry McGee  
Phone Number: 785-239-3906

1. COMPONENT <b>ARMY</b>		FY 2010      MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Battalion Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 65135	8. PROJECT COST (\$000) Auth                    59,000 Approp                 59,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					43,710
Barracks		m2 (SF)	5,306 ( 57,108)	2,279	(12,092)
Battalion HQs w/Classroom		m2 (SF)	1,682 ( 18,100)	2,296	(3,861)
Company Operations Facilities		m2 (SF)	6,386 ( 68,743)	1,649	(10,534)
Covered Hardstand		m2 (SF)	1,176 ( 12,654)	592.02	(696)
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)	2,448	(8,025)
Total from Continuation page					(8,502)
<u>SUPPORTING FACILITIES</u>					7,326
Electric Service		LS	--	--	(611)
Water, Sewer, Gas		LS	--	--	(323)
Steam And/Or Chilled Water Dist		LS	--	--	(44)
Paving, Walks, Curbs & Gutters		LS	--	--	(2,041)
Storm Drainage		LS	--	--	(234)
Site Imp( 1,734) Demo(        )		LS	--	--	(1,734)
Information Systems		LS	--	--	(1,348)
Antiterrorism Measures		LS	--	--	(991)
ESTIMATED CONTRACT COST					51,036
CONTINGENCY (5.00%)					2,552
SUBTOTAL					53,588
SUPV, INSP & OVERHEAD (5.70%)					3,055
DESIGN/BUILD - DESIGN COST					2,144
TOTAL REQUEST					58,787
TOTAL REQUEST (ROUNDED)					59,000
INSTALLED EQT-OTHER APPROP					(1,471)
10. Description of Proposed Construction      Construct a Battalion Complex for a Combat Engineer Battalion. Primary facilities include standard design Barracks, Battalion Headquarters w/Classrooms, Company Operation Facilities with covered hardstand, Vehicle Maintenance Shop, Organizational Parking, and a Deployment Equipment 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 persons with disabilities will be provided. Heating and air conditioning will be provided by self-contained systems. Project will include special foundations, provide 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 wall landscaping shall be provided. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) will be provided. Air Conditioning (Estimated 2,462 kW/700					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Battalion Complex	5. PROJECT NUMBER  65135
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Storage Facility	m2 (SF)	1,041 ( 11,200)	1,043	(1,086)
Organization Vehicle Parking	m2 (SY)	30,112 ( 36,014)	103.04	(3,103)
Special Foundations	LS	--	--	(1,877)
IDS Installation	LS	--	--	(72)
EMCS Connections	LS	--	--	(152)
SDD and EPAct05	LS	--	--	(695)
Antiterrorism Measures	LS	--	--	(831)
Building Information Systems	LS	--	--	(686)
			Total	8,502

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
Tons).

11. REQ: 5,932 PN ADQT: 5,732 PN SUBSTD: 2,789 PN  
PROJECT: Construct a standard design Battalion Complex at Fort Riley, Kansas.  
(Current Mission)  
REQUIREMENT: This project is associated with global defense posture changes. The need now exists for a new Battalion Headquarters Complex due to the transformation and stationing of a new Battalion at Fort Riley. This project is required to provide adequate administrative, training, and living facilities that meet current Army standards for a Combat Engineer Battalion. The maximum barracks utilization is for 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 another Battalion. All existing facilities suitable for use under these facility category codes are fully utilized. The new Battalion 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. Existing Barracks, Battalion Headquarters, and Company Operations Facilities at Fort Riley have been assigned to other units.  
IMPACT IF NOT PROVIDED: Failure to provide this project will require that personnel assigned to this Battalion be divided into remote separate facilities. Personnel will be forced to travel excessive distances to facilities to work. Excessive amounts of travel time will be required due to distances between operational facilities. This will serve to impede the 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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Battalion Complex	5. PROJECT NUMBER  65135
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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.

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 0 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 1,333
  - (b) All Other Design Costs..... 800
  - (c) Total Design Cost..... 2,133
  - (d) Contract..... 1,333
  - (e) In-house..... 800

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Battalion Complex	5. PROJECT NUMBER 65135
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... SEP 2011

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	2011	1,466
Info Sys - PROP	OPA	2011	5
		TOTAL	1,471

Installation Engineer: Larry McGee  
Phone Number: 785-239-3906

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Land Vehicle Fueling Facility		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 123	7. PROJECT NUMBER 68792	8. PROJECT COST (\$000) Auth 3,700 Approp 3,700		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,073
Land Vehicle Fuel Storage Tank		L (GA)	378,541 ( 100,000)	1.71	(646)
Land Vehicle Fueling Facility		OL	12 --	11,510	(138)
Fuel Station Canopy		m2 (SF)	557.42 ( 6,000)	894.80	(499)
Fuel Management Office		m2 (SF)	74.32 ( 800)	2,412	(179)
Fuel Station Hardstand		m2 (SY)	5,814 ( 6,954)	92.20	(536)
Total from Continuation page					(75)
<u>SUPPORTING FACILITIES</u>					1,157
Electric Service		LS	--	--	(131)
Water, Sewer, Gas		LS	--	--	(200)
Paving, Walks, Curbs & Gutters		LS	--	--	(35)
Storm Drainage		LS	--	--	(122)
Site Imp( 388) Demo( )		LS	--	--	(388)
Information Systems		LS	--	--	(171)
Antiterrorism Measures		LS	--	--	(110)
ESTIMATED CONTRACT COST					3,230
CONTINGENCY (5.00%)					162
SUBTOTAL					3,392
SUPV, INSP & OVERHEAD (5.70%)					193
DESIGN/BUILD - DESIGN COST					136
TOTAL REQUEST					3,721
TOTAL REQUEST (ROUNDED)					3,700
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a tactical vehicle JP8 fuel point. The facility will also have one tank for rapid JP8 defueling. Primary facility includes a fueling facility, dispensing outlets, fuel storage tanks, canopy, fuel management office, water and grit separators, and fueling hardstand area. Supporting facilities include electrical, water and industrial waste water, storm drainage and site improvements. Antiterrorism/force protection measures include primary and supporting facilities. Sustainable design and development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Air conditioning for the fuel management office will be provided by a self contained unit. Air Conditioning (Estimated 4 kW/1 Tons).					
11. REQ: 378,541 L ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a Land Vehicle Fueling Facility at Fort Riley, Kansas. (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 initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project supports Echelons Above Brigade (EAB) units to be stationed at this installation as part of the increase in					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Land Vehicle Fueling Facility	5. PROJECT NUMBER  68792
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Water and Grit Separator	L/d(KG)	3.79 ( 1)	11,013	(42)
SDD and EPAct05	LS	--	--	(4)
Antiterrorism Measures	LS	--	--	(21)
Building Information Systems	LS	--	--	(8)
			Total	75

REQUIREMENT: (CONTINUED)

permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. The GTA initiative will allow the Army to increase its capability. These units will require operational facilities in order to perform their missions. The fuel point is required to provide a location to refuel tactical vehicles. In addition to fuel service, this facility will have the ability to receive fuel back from vehicles that must be de-fueled for air or rail shipment. The facility will operate 24 hours per day in an unattended mode. A JP8 fueling point will reduce the risky practice of using Heavy Expanded Mobility Tactical Truck (HEMTT) fuelers and 5K tankers as unit bulk storage tanks and unit motor pool fueling stations. In addition, JP8 Fuel Point will give Fort Riley additional strategic JP8 storage and provide separation from the main bulk storage tank. Currently, Fort Riley's bulk tank farm JP8 storage capacity is 186,549 gallons.

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 permanent facilities to support CS/CSS units to be stationed under GTA. Fuel stations in the unit motor pools have been removed. Units use their tactical fuel trucks as storage tanks and refuel points. This practice increases the possibility of fuel spills from HEMTT fuelers and 5K tanker leaking fuel, lends itself to fuel spills during unit refueling and topping off vehicles, and increases the potential for fires by using multiple unit motor pools as fueling sites. As the post population increases, the fuel spill and fire hazard increases. Currently, Fort Riley doesn't have a rapid way to defuel HEMTT fuelers and 5K fuel tankers for deployments. The staff and units must either transfer fuel to sister units, borrow fuel tankers from the reserve components, or have the fuel checked by an outside source for aviation standards before the fuel can be accepted back in the tank farm and before the vehicles can be loaded on trains. This takes time and coordination and must be done within 96 hour (for short notice deployment).

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Land Vehicle Fueling Facility	5. PROJECT NUMBER  68792
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IMPACT IF NOT PROVIDED: (CONTINUED)  
Riley will continue to use the risky practice of using HEMTT fuelers and 5K tankers as unit bulk storage tanks and unit motor pool fueling stations.  
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 2009..... 5.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 70
  - (b) All Other Design Costs..... 42
  - (c) Total Design Cost..... 112
  - (d) Contract..... 70
  - (e) In-house..... 42
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Land Vehicle Fueling Facility	5. PROJECT NUMBER  68792
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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: Larry McGee  
Phone Number: 785-239-3906

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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 Knox (IMCOM)				283
70180	Warrior in Transition (WT) Complex	70,000	70,000	N	285
	Subtotal Fort Knox Part I	\$ 70,000	70,000		
	* TOTAL MCA FOR Kentucky	\$ 70,000	70,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 12 MAY 2009				
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	TOTAL
A. AS OF 31 OCT 2008	1304	5486	3149	391	7958	0	313 1632 5409 25,642
B. END FY 2015	1629	6893	5223	23	395	72	609 2152 5984 22,980
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.....					233,830		
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....					70,000		
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....					TBD		
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....					TBD		
G. REMAINING DEFICIENCY.....					TBD		
H. GRAND TOTAL.....					TBD		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	70180	Warrior in Transition (WT) Complex		70,000	08/2008	09/2009	
				TOTAL	70,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
<p>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 &amp; 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 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.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Knox, Kentucky

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Knox Kentucky				4.PROJECT TITLE Warrior in Transition (WT) Complex		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 70180		8.PROJECT COST (\$000) Auth 70,000 Approp 70,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						49,982
Barracks, WT		m2 (SF)	12,538 ( 134,960)		2,456	(30,795)
Dining Facility		m2 (SF)	1,672 ( 18,000)		3,507	(5,864)
Admin and Ops Facility, WT		m2 (SF)	2,666 ( 28,700)		2,399	(6,397)
Soldier & Family Assistance Ctr		m2 (SF)	1,394 ( 15,000)		2,952	(4,114)
IDS Installation		LS	--		--	(35)
Total from Continuation page						(2,777)
<u>SUPPORTING FACILITIES</u>						10,374
Electric Service		LS	--		--	(1,388)
Water, Sewer, Gas		LS	--		--	(1,735)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,538)
Storm Drainage		LS	--		--	(434)
Site Imp( 3,524) Demo( )		LS	--		--	(3,524)
Information Systems		LS	--		--	(625)
Antiterrorism Measures		LS	--		--	(130)
ESTIMATED CONTRACT COST						60,356
CONTINGENCY (5.00%)						3,018
SUBTOTAL						63,374
SUPV, INSP & OVERHEAD (5.70%)						3,612
DESIGN/BUILD - DESIGN COST						2,535
TOTAL REQUEST						69,521
TOTAL REQUEST (ROUNDED)						70,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design Warrior in Transition (WT) complex. Project includes administrative and operational facility, Soldier and Family Action Center (SFAC), WT barracks and a dining facility, building information systems, connection to a Energy Monitoring Control System (EMCS), and installation of a Intrusion Detection System (IDS). Supporting facilities include all site work, electrical, utilities and connections, information systems, paving, walks, curb and gutter, storm drainage, site and exterior lighting, landscaping and other site improvements. Sustainable design and development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Access for individuals with disabilities will be provided. Antiterrorism/force protection measures will be included. Heating and air conditioning provided by self contained systems. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 1,934 kW <sub>r</sub> /550 Tons).						
11. REQ:		224 PN ADQT:		NONE SUBSTD:		224 PN
PROJECT: Construct a standard design Warrior in Transition Complex at Fort Knox, KY. (New Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Knox, Kentucky

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  70180
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(248)
SDD and EPAct05	LS	--	--	(937)
Antiterrorism Measures	LS	--	--	(937)
Building Information Systems	LS	--	--	(655)
			Total	2,777

REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of Warriors in Transition (WT) Soldiers.

CURRENT SITUATION: There are no facilities on the installation which can adequately provide the required standard facilities for the Soldiers or their families.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers that are Warriors in Transition, their Cadre support units and families will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required 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. 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 2009..... 5.00
  - (c) Date 35% Designed..... MAY 2009
  - (d) Date Design Complete..... SEP 2009
  - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ NO
  - (f) Type of Design Contract: Design-build

(2) Basis:

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Knox, Kentucky

4. PROJECT TITLE Warrior in Transition (WT) Complex	5. PROJECT NUMBER 70180
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (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.....	1,394
(b) All Other Design Costs.....	1,115
(c) Total Design Cost.....	2,509
(d) Contract.....	1,115
(e) In-house.....	1,394
(4) Construction Contract Award.....	MAR 2010
(5) Construction Start.....	JUN 2010
(6) Construction Completion.....	DEC 2011

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: Joseph T. Hutchins Jr.  
Phone Number: 502.624.2151

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				291
70128	Warrior in Transition (WT) Complex	32,000	32,000	N	293
74406	Land Purchases and Condemnation	17,000	17,000	N	296
	Subtotal Fort Polk Part I	\$ 49,000	49,000		
	* TOTAL MCA FOR Louisiana	\$ 49,000	49,000		

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1. COMPONENT ARMY		FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009	
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	TOTAL
A. AS OF 31 OCT 2008	1112	7623	1446	0	67	0	924 2473 4042 17,687
B. END FY 2015	1398	9477	1445	0	62	0	1798 3359 4040 21,579
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.....							335,211
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							49,000
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD
G. REMAINING DEFICIENCY.....							TBD
H. GRAND TOTAL.....							TBD
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	70128	Warrior in Transition (WT) Complex		32,000	03/2008	09/2010	
911	74406	Land Purchases and Condemnation		17,000	04/2009	09/2009	
				TOTAL	49,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
<p>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.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Polk, Louisiana

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Polk Louisiana				4.PROJECT TITLE Warrior in Transition (WT) Complex		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 721	7.PROJECT NUMBER 70128		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>						22,117
Barracks, WT		m2 (SF)	6,269 ( 67,480)		2,370	(14,858)
Admin and Ops Facility, WT		m2 (SF)	2,796 ( 30,100)		2,126	(5,946)
IDS Installation		LS	--		--	(8)
EMCS Connections		LS	--		--	(110)
SDD and EPAct05		LS	--		--	(416)
Total from Continuation page						(779)
<u>SUPPORTING FACILITIES</u>						5,235
Electric Service		LS	--		--	(388)
Water, Sewer, Gas		LS	--		--	(607)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,332)
Storm Drainage		LS	--		--	(428)
Site Imp( 2,062) Demo( )		LS	--		--	(2,062)
Information Systems		LS	--		--	(308)
Antiterrorism Measures		LS	--		--	(110)
ESTIMATED CONTRACT COST						27,352
CONTINGENCY (5.00%)						1,368
SUBTOTAL						28,720
SUPV, INSP & OVERHEAD (5.70%)						1,637
DESIGN/BUILD - DESIGN COST						1,149
TOTAL REQUEST						31,506
TOTAL REQUEST (ROUNDED)						32,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design Warriors in Transition (WT) Complex. Primary facilities include WT Barracks and a WT Administrative and Operations Facility. Project includes connections to Energy Management Control System (EMCS), installation of Intrusion Detection System (IDS), building information systems, and Fire/Smoke detection/Enunciation/Suppression Systems and connections to the installation central systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005(EPAct05) features will be included. Supporting facilities include site work, utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 1,161 kW/330 Tons).						
11. REQ:		112 PN	ADQT:		NONE	SUBSTD: 112 PN
PROJECT: Construct a standard design Warriors in Transition (WT) Complex at Fort Polk, Louisiana. (New Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Polk, Louisiana

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  70128
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(416)
Building Information Systems	LS	--	--	(363)
			Total	779

REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of Warriors in Transition (WT) Soldiers.

CURRENT SITUATION: Fort Polk currently supports two companies and a battalion headquarters of Warriors in Transition. There are no facilities on or off the installation which can adequately provide the required standard facilities for the Soldiers or their Families.

IMPACT IF NOT PROVIDED: If this project is not provided, Warriors in Transition, Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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..... MAR 2008
- (b) Percent Complete As Of January 2009..... 15.00
- (c) Date 35% Designed..... APR 2010
- (d) Date Design Complete..... SEP 2010
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Polk, Louisiana

4. PROJECT TITLE Warrior in Transition (WT) Complex	5. PROJECT NUMBER 70128
--	----------------------------

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.....	663
(b) All Other Design Costs.....	530
(c) Total Design Cost.....	1,193
(d) Contract.....	530
(e) In-house.....	663

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

(5) Construction Start..... MAY 2010

(6) Construction Completion..... SEP 2011

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: Paul D. Cramer  
Phone Number: 337-531-4508

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Polk Louisiana			4. PROJECT TITLE Land Purchases and Condemnation		
5. PROGRAM ELEMENT 78018A	6. CATEGORY CODE 911	7. PROJECT NUMBER 74406	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>					17,000
Land Acquisition		ha (AC)	2,388 ( 5,900)	7,120	(17,000)
<u>SUPPORTING FACILITIES</u>					
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 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. This is a land acquisition project only; condemnation is not required.					
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.					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Polk, Louisiana

4. PROJECT TITLE  Land Purchases and Condemnation	5. PROJECT NUMBER  74406
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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.

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.....	APR 2009
(b) Percent Complete As Of January 2009.....	.00
(c) Date 35% Designed.....	JUN 2009
(d) Date Design Complete.....	SEP 2009
(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.....	
(b) All Other Design Costs.....	510
(c) Total Design Cost.....	510
(d) Contract.....	

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Polk, Louisiana

4. PROJECT TITLE  Land Purchases and Condemnation	5. PROJECT NUMBER  74406
---	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house.....	510
(4) Construction Contract Award.....	DEC 2009
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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: Paul D. Cramer  
Phone Number: 337-531-4508

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Maryland	Fort Detrick (MEDCOM)				301
57579	Satellite Communications Center	18,000	18,000	C	303
58625	Satellite Communications Facility	21,000	21,000	C	307
	Subtotal Fort Detrick Part I	\$ 39,000	39,000		
	* TOTAL MCA FOR Maryland	\$ 39,000	39,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009					
3. INSTALLATION AND LOCATION  Fort Detrick Maryland			4. COMMAND  US Army Health Services 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 31 OCT 2008		213	760	1442	5	0	0	117	227	5678	8,442	
B. END FY 2015		227	682	1537	3	0	0	127	226	6520	9,322	
7. INVENTORY DATA (\$000)												
A. TOTAL AREA.....		529 ha			(1,306 AC)							
B. INVENTORY TOTAL AS OF 31 DEC 2008.....							1,843,597					
C. AUTHORIZATION NOT YET IN INVENTORY.....							41,150					
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							39,000					
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD					
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD					
G. REMAINING DEFICIENCY.....							TBD					
H. GRAND TOTAL.....							TBD					
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:												
CATEGORY PROJECT				PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			PROJECT TITLE		(\$000)		START	COMPLETE			
131	57579			Satellite Communications Center		18,000		01/2004	10/2009			
131	58625			Satellite Communications Facility		21,000		05/2007	10/2009			
TOTAL						39,000						
9. FUTURE PROJECT APPROPRIATIONS:												
CATEGORY				PROJECT TITLE		COST						
CODE			PROJECT TITLE		(\$000)							
A. REQUESTED IN THE FY 2011 PROGRAM:						TBD						
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):						TBD						
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						TBD						
10. MISSION OR MAJOR FUNCTIONS:												
<p>The US Army Garrison, Fort Detrick, provides conventional installation and mission unique support to DoD and non-DoD organizations engaged in: bio-medical and botanical research and development, medical intelligence, medical logistics and global telecommunications. Major tenant activities include: US Army Medical Research and Materiel Command; US Army Medical Research Institute of Infectious Diseases; US Army Center for Environmental Health Research; National Cancer Institute; US Department of Agriculture; Armed Forces Medical Intelligence Center; Joint Readiness Clinical Advisory Board; Air Force Medical Logistics Office; Naval Medical Logistics Command; US Army Medical Materiel Agency; and the US Army Information Systems Command - 302 Signal Battalion.</p>												

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Detrick, 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Detrick Maryland				4.PROJECT TITLE Satellite Communications Center		
5.PROGRAM ELEMENT 87796A		6.CATEGORY CODE 131	7.PROJECT NUMBER 57579		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>						13,854
Terminal Equipment Building		m2 (SF)	2,531 ( 27,244)		5,140	(13,011)
Emergency Generator		LS	--		--	(160)
IDS Installation		LS	--		--	(20)
EMCS Connection		LS	--		--	(30)
SDD and EPAct05		LS	--		--	(260)
Total from Continuation page						(373)
<u>SUPPORTING FACILITIES</u>						2,359
Electric Service		LS	--		--	(1,255)
Water, Sewer, Gas		LS	--		--	(93)
Paving, Walks, Curbs & Gutters		LS	--		--	(244)
Storm Drainage		LS	--		--	(92)
Site Imp( 430) Demo( 169)		LS	--		--	(599)
Information Systems		LS	--		--	(21)
Antiterrorism Measures		LS	--		--	(55)
ESTIMATED CONTRACT COST						16,213
CONTINGENCY (5.00%)						811
SUBTOTAL						17,024
SUPV, INSP & OVERHEAD (5.70%)						970
TOTAL REQUEST						17,994
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						(1,966)
10.Description of Proposed Construction Construct a Wideband Satellite Communications (SATCOM) Operations Center (WSOC). Facility provides space for SATCOM Operational Control equipment for DoD Satellites including operations rooms, equipment rooms, a training and conference room, offices, general administrative areas, storage and supply rooms, an equipment maintenance area, personnel and security support areas, emergency generator, installation of intrusion detection system (IDS), connection to emergency monitoring and control system (EMCS) and building information systems. Site preparation shall include security systems, force protection construction, utilities, parking, walks, fire protection and alarm systems, 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 4 Buildings (TOTAL 1,742 m2/18,753 SF). Air Conditioning (Estimated 281 kWr/80 Tons).						
11. REQ:		11,748 m2	ADQT:		8,617 m2	SUBSTD: 3,131 m2
PROJECT: Construct a Wideband Satellite Communications (SATCOM) Operational Control (WSOC) facility at the Fort Detrick SATCOM station, Frederick, MD. (Current Mission).						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Detrick, Maryland

4. PROJECT TITLE  Satellite Communications Center	5. PROJECT NUMBER  57579
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ADDITIONAL: (CONTINUED)  
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..... JAN 2004
- (b) Percent Complete As Of January 2009..... 60.00
- (c) Date 35% Designed..... JAN 2008
- (d) Date Design Complete..... OCT 2009
- (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..... 425
- (b) All Other Design Costs..... 255
- (c) Total Design Cost..... 680
- (d) Contract..... 425
- (e) In-house..... 255

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

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

(6) Construction Completion..... OCT 2011

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Detrick, Maryland

4. PROJECT TITLE Satellite Communications Center	5. PROJECT NUMBER 57579
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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	2011	750
IDS	OPA	2011	1,200
Info Sys - ISC	OPA	2011	16
		TOTAL	1,966

Installation Engineer: Laurin E. Potter, Jr.  
Phone Number: 301-619-2441

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Detrick Maryland				4. PROJECT TITLE Satellite Communications Facility		
5. PROGRAM ELEMENT 87796A		6. CATEGORY CODE 131	7. PROJECT NUMBER 58625		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>						16,014
Satellite Earth Terminal Sta.		m2 (SF)	3,131 ( 33,700)		4,813	(15,068)
Emergency Generator		LS	--		--	(160)
IDS Installation		LS	--		--	(20)
EMCS Connection		LS	--		--	(35)
SDD and EAct05		LS	--		--	(302)
Total from Continuation page						(429)
<u>SUPPORTING FACILITIES</u>						2,566
Electric Service		LS	--		--	(1,105)
Water, Sewer, Gas		LS	--		--	(42)
Paving, Walks, Curbs & Gutters		LS	--		--	(57)
Storm Drainage		LS	--		--	(141)
Site Imp( 850) Demo( 312)		LS	--		--	(1,162)
Information Systems		LS	--		--	(59)
ESTIMATED CONTRACT COST						18,580
CONTINGENCY (5.00%)						929
SUBTOTAL						19,509
SUPV, INSP & OVERHEAD (5.70%)						1,112
TOTAL REQUEST						20,621
TOTAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						(40,710)
10. Description of Proposed Construction Construct a Strategic Satellite Communications Earth Station Facility with emergency back-up generator to support the current and emerging Defense Satellite Communication missions. Project includes space for existing and newly fielded equipment, network operations and maintenance support areas, secure conference/training areas, company headquarters areas, break area, arms rooms, storage, and loading docks. The facility will include fire protection/detection systems, installation of intrusion detection systems (IDS) and connections to the energy monitoring and control systems (EMCS). Supporting facilities include utilities, information systems, sidewalks, curb, gutters, storm drainage, landscaping, access roads, and site development, grounding and lightning protection. Heating, ventilation, and air conditioning are included. Force protection/antiterrorism measures to include access control, bollards, and metal doors. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Demolish 3 Buildings (TOTAL 3,299 m2/35,508 SF). Air Conditioning (Estimated 1,934 kW/550 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Detrick, Maryland

4. PROJECT TITLE  Satellite Communications Facility	5. PROJECT NUMBER  58625
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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	--	--	(302)
Building Information Systems	LS	--	--	(127)
			Total	429

11. REQ: 11,748 m2 ADQT: 8,617 m2 SUBSTD: 3,131 m2  
PROJECT: Construct a Strategic Satellite Communications Earth Station Facility at Fort Detrick, MD. (Current Mission).

REQUIREMENT: This project is required to provide a functionally reliable, consolidated state-of-the-art satellite earth terminal communications facility to support Joint Chiefs of Staff command, control, communications, and intelligence requirements. The facility must operate 7 days-a-week, 24 hours a day with high reliability provided by back-up power and mechanical systems. The project will provide space for wideband critical communications equipment supporting worldwide military and commercial satellite communications. These systems provide a primary transmission path for high capacity and protected communications supporting the warfighter at all levels of command and control. SATCOM mission and facilities provide the vital link between commanders and battlefield units. The development of the communication infrastructure architecture and supporting facilities required to ensure systems interoperability is essential, particularly as Army Transformation and Modularity progresses. Equipment and technology upgrades to support newly fielded communication systems for deployed modular units will not reach back to the strategic command structure if legacy communication threads through the SATCOMs are not modernized and expanded. Project will provide a facility with the required utility redundancy to ensure mission reliability and allows for future expansion to accommodate mission growth.

CURRENT SITUATION: This mission is currently performed in a 30-year-old pre-engineered metal structure that is in deteriorating condition, inadequately sized and lacks sufficient humidity control, air conditioning and fire suppressions systems. The facility is not large enough to support new communication-electronic systems equipment and the old building mechanical systems are in poor shape and showing signs of failure. Humidity cannot be controlled in the current facility; condensation drips from the ceiling and walls onto sensitive communication electronics equipment adversely impacting the safe operation of the equipment and poses significant safety hazards to operating and maintenance personnel. The facility has experienced flooding during periods of heavy rain when the ground is saturated. Lack of adequate and reliable air conditioning, and fire protection systems make the communications systems vulnerable to outages during times of critical need.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Detrick, Maryland		
4. PROJECT TITLE  Satellite Communications Facility	5. PROJECT NUMBER  58625	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>Floor space to house additional missions, equipment racks, and functions is no longer available. Operational continuity and responsiveness suffer because space restrictions cause key personnel and operators to be located in dispersed buildings. The initial mission was assigned in 1974 and was activated with minimal staff and an austere satellite earth terminal facility. As new missions were assigned with more electronic equipment and exterior antennas, available space has been consumed. This growth is directly related to the changing world conditions, the availability of multiple (military and commercial) satellite communications bands, and the expanded requirement for this wideband satellite communications capability.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project 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, and intelligence information exchange between the strategic commanders and the warfighters at the battle front. Critical communications/electronics equipment will remain highly vulnerable to potential failure and personnel will suffer continued exposure to safety hazards from condensation and lack of humidity control. 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, particularly limiting the capability of newly deployed modular units. The inability to expand and support existing and future communications requirements will impact the field commander's capability to reach-back and communicate with strategic commands; a vital mission requirement for the warfighter and the Army, which may not fully realize the benefits of Transformation and Modularity. Without this project the existing sub-standard building will continue to degrade with a high potential for catastrophic failure of mission-essential equipment.</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>		



1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Detrick, Maryland

4. PROJECT TITLE

Satellite Communications Facility

5. PROJECT NUMBER

58625

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>
SATCOM Equipment	OPA	2010	28,189
SATCOM Installation	OPA	2011	10,926
UPS - 1500KW	OPA	2011	1,500
Info Sys - ISC	OPA	2011	39
Info Sys - PROP	OPA	2011	56
		TOTAL	<u>40,710</u>

Installation Engineer: Laurin E. Potter, Jr.

Phone Number: 301-619-2441

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				315
54253	Automated-Aided Instruction Facility	27,000	27,000	C	317
69663	Wheeled Vehicle Drivers Course	17,500	17,500	C	321
71543	Warrior in Transition Complex	19,500	19,500	N	324
72523	Transient Advanced Trainee Barracks, Ph 1	99,000	99,000	N	328
	Subtotal Fort Leonard Wood Part I	\$ 163,000	163,000		
	* TOTAL MCA FOR Missouri	\$ 163,000	163,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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 31 OCT 2008	760	4822	2484	773	18187	26	74 2146 3863 33,135
B. END FY 2015	938	5887	2624	788	18729	100	81 2180 3835 35,162
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.....							520,029
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							163,000
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD
G. REMAINING DEFICIENCY.....							TBD
H. GRAND TOTAL.....							TBD
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
171	54253	Automated-Aided Instruction Facility				27,000	02/2008 10/2009
179	69663	Wheeled Vehicle Drivers Course				17,500	10/2007 05/2010
721	71543	Warrior in Transition Complex				19,500	03/2008 08/2009
721	72523	Transient Advanced Trainee Barracks, Ph 1				99,000	04/2008 05/2010
TOTAL						163,000	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. REQUESTED IN THE FY 2011 PROGRAM:						TBD	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):						TBD	
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						TBD	
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.							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Leonard Wood, Missouri

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4.PROJECT TITLE Automated-Aided Instruction Facility		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 171	7.PROJECT NUMBER 54253		8.PROJECT COST (\$000) Auth 27,000 Approp 27,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						20,613
Digital Training Facility		m2 (SF)	7,053 ( 75,917)		2,577	(18,175)
Special Foundations		LS	--		--	(114)
IDS Installation		LS	--		--	(15)
EMCS Connection		LS	--		--	(65)
SDD and EAct05		LS	--		--	(360)
Total from Continuation page						(1,884)
SUPPORTING FACILITIES						3,627
Electric Service		LS	--		--	(354)
Water, Sewer, Gas		LS	--		--	(252)
Paving, Walks, Curbs & Gutters		LS	--		--	(525)
Storm Drainage		LS	--		--	(47)
Site Imp( 642) Demo( 1,090)		LS	--		--	(1,732)
Information Systems		LS	--		--	(646)
Antiterrorism Measures		LS	--		--	(71)
ESTIMATED CONTRACT COST						24,240
CONTINGENCY (5.00%)						1,212
SUBTOTAL						25,452
SUPV, INSP & OVERHEAD (5.70%)						1,451
TOTAL REQUEST						26,903
TOTAL REQUEST (ROUNDED)						27,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct an Automated-Aided instructional facility to support Digital Education in Chemical, Military Police, and Engineer professional military education courses. Provide applied computer instructional classrooms with an administrative area and associated hardstand and parking. Project includes special foundations, installation of intrusion detection systems (IDS), connections to energy monitoring and control system (EMCS), and building information systems. Supporting facilities include water, sewer, electric, communications systems, information systems, fire protection and alarm systems, paving, walks, curbs, gutters, storm drainage, and site improvements. Heating and air conditioning will be provided by self-contained units. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be included. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided. Demolish 12 Buildings (TOTAL 6,895 m2/74,217 SF). Air Conditioning (Estimated 1,801 kW/512 Tons).						
11. REQ:		18,273 m2	ADQT:		11,128 m2	SUBSTD: NONE
PROJECT: Provide a Digital Training Facility (Automated-Aided Instructional Facility)at Fort Leonard Wood, Missouri. (Current Mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Automated-Aided Instruction Facility	5. PROJECT NUMBER  54253
--	--------------------------------

IMPACT IF NOT PROVIDED: (CONTINUED)  
 their professional military education course. Use of interim facilities (either on-post or leased locally) is not an option due to specialized nature of the classrooms and the non-availability of suitable 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..... FEB 2008
- (b) Percent Complete As Of January 2009..... 35.00
- (c) Date 35% Designed..... JAN 2009
- (d) Date Design Complete..... OCT 2009
- (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..... 969
- (b) All Other Design Costs..... 734
- (c) Total Design Cost..... 1,703
- (d) Contract..... 1,453
- (e) In-house..... 250

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

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

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Automated-Aided Instruction Facility	5. PROJECT NUMBER  54253
--	--------------------------------

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: LTC Richard J. Cole  
Phone Number: 573-596-0840

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. PROJECT TITLE Wheeled Vehicle Drivers Course		
5. PROGRAM ELEMENT  22212A		6. CATEGORY CODE  179	7. PROJECT NUMBER  69663		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>						12,306
Driving Course		km (MI)	4.83 ( 3)		942,206	(4,551)
Backing Pads		m2 (SY)	36,139 ( 43,222)		91.28	(3,299)
Limited Use Instruction Bldg		m2 (SF)	1,672 ( 18,000)		2,448	(4,094)
IDS Installation		LS	--		--	(11)
EMCS Connections		LS	--		--	(20)
Total from Continuation page						(331)
<u>SUPPORTING FACILITIES</u>						2,753
Electric Service		LS	--		--	(355)
Water, Sewer, Gas		LS	--		--	(1,575)
Paving, Walks, Curbs & Gutters		LS	--		--	(32)
Storm Drainage		LS	--		--	(64)
Site Imp( 453) Demo( )		LS	--		--	(453)
Information Systems		LS	--		--	(213)
Antiterrorism Measures		LS	--		--	(61)
ESTIMATED CONTRACT COST						15,059
CONTINGENCY (5.00%)						753
SUBTOTAL						15,812
SUPV, INSP & OVERHEAD (5.70%)						901
DESIGN/BUILD - DESIGN COST						632
TOTAL REQUEST						17,345
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a wheeled vehicle drivers course including a classroom facility, tactical vehicle driving course and hardstand training area. Provide instructor, computer, and administrative areas, classrooms, workshops, support areas, latrines and mechanical room. Supporting facilities include extension of and connection to existing base utilities; security lighting, fencing and gates; fire protection and alarm systems; parking, walks, curbs and gutters; storm drainage; information systems; and site improvements. Work will include connection to energy monitoring and control system (EMCS) and installation of intrusion detection systems (IDS). 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 158 kW/45 Tons).						
11. REQ:		3 EA	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a wheeled vehicle driving course at Fort Leonard Wood, Missouri. (Current Mission)						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Leonard Wood, Missouri

4. PROJECT TITLE Wheeled Vehicle Drivers Course	5. PROJECT NUMBER 69663
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(82)
Antiterrorism Measures	LS	--	--	(82)
Building Information Systems	LS	--	--	(167)
			Total	331

REQUIREMENT: This project is required to support increased student throughput for a training facility for M88 Military Occupation Specialty Code (MOSC), Heavy Truck Driver. Classrooms and tactical vehicle driving course will train Soldiers on operator skills in various tactical and non-tactical driving conditions and associated motions. After mastering the controls and handling characteristics, soldiers are certified for MOSC, M88 Heavy Truck Driver. All M88 Heavy Truck Driving has been consolidated at Fort Leonard Wood.

CURRENT SITUATION: Current classrooms and the truck driving course can not support increased students loads. Throughput needs drive the requirement for these additional training capabilities.

IMPACT IF NOT PROVIDED: If this project is not provided, M88 MOSC training will not be accomplished based on approved programs of instruction. This will result in longer periods of time to certify heavy truck drivers. Reducing the number of certified heavy truck drivers could reduce logistic support and limit mission response times.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Wheeled Vehicle Drivers Course	5. PROJECT NUMBER  69663
--	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2007
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 395
  - (b) All Other Design Costs..... 237
  - (c) Total Design Cost..... 632
  - (d) Contract..... 395
  - (e) In-house..... 237
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... SEP 2011

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: LTC Richard J. Cole  
Phone Number: 573-596-0840

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. PROJECT TITLE Warrior in Transition Complex		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 721	7. PROJECT NUMBER 71543	8. PROJECT COST (\$000) Auth 19,500 Approp 19,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,326
Barracks, WT		m2 (SF)	2,687 ( 28,920)	2,834	(7,615)
Admin and Ops Facility, WT		m2 (SF)	641.03 ( 6,900)	2,910	(1,865)
Soldier & Family Assistance Ctr		m2 (SF)	650.32 ( 7,000)	2,985	(1,941)
IDS Installation		LS	--	--	(18)
EMCS Connections		LS	--	--	(52)
Total from Continuation page					(835)
<u>SUPPORTING FACILITIES</u>					4,562
Electric Service		LS	--	--	(510)
Water, Sewer, Gas		LS	--	--	(459)
Paving, Walks, Curbs & Gutters		LS	--	--	(714)
Storm Drainage		LS	--	--	(204)
Site Imp( 2,234) Demo( )		LS	--	--	(2,234)
Information Systems		LS	--	--	(390)
Antiterrorism Measures		LS	--	--	(51)
ESTIMATED CONTRACT COST					16,888
CONTINGENCY (5.00%)					844
SUBTOTAL					17,732
SUPV, INSP & OVERHEAD (5.70%)					1,011
DESIGN/BUILD - DESIGN COST					709
TOTAL REQUEST					19,452
TOTAL REQUEST (ROUNDED)					19,500
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Warriors in Transition (WT) Complex. Primary facilities include a Warriors in Transition Barracks, Warriors in Transition Administrative and Operations Facility, Warriors in Transition Soldier and Family Assistance Center (SFAC), building information systems, installation of Intrusion Detection System (IDS), connection to an Energy Management Control System (EMCS) and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation's central systems. Provide Antiterrorism/Force Protection Measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services will be required. Air Conditioning (Estimated 563 kW/160 Tons).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																														
3. INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri																																
4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71543																															
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">SDD and EPAct05</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(215)</td> </tr> <tr> <td data-bbox="232 657 727 688">Antiterrorism Measures</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(227)</td> </tr> <tr> <td data-bbox="232 688 727 720">Building Information Systems</td> <td data-bbox="727 688 954 720">LS</td> <td data-bbox="954 688 1239 720">--</td> <td data-bbox="1239 688 1360 720">--</td> <td data-bbox="1360 688 1510 720">(393)</td> </tr> <tr> <td colspan="3"></td> <td data-bbox="1239 720 1360 751">Total</td> <td data-bbox="1360 720 1510 751">835</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					SDD and EPAct05	LS	--	--	(215)	Antiterrorism Measures	LS	--	--	(227)	Building Information Systems	LS	--	--	(393)				Total	835
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
SDD and EPAct05	LS	--	--	(215)																												
Antiterrorism Measures	LS	--	--	(227)																												
Building Information Systems	LS	--	--	(393)																												
			Total	835																												
<p>11. <u>REQ:</u> 48 PN <u>ADQT:</u> NONE <u>SUBSTD:</u> 48 PN  <u>PROJECT:</u> Construct a standard design Warriors in Transition (WT) Complex at Fort Leonard Wood, Missouri. (New Mission)  <u>REQUIREMENT:</u> This project is required to provide adequate permanent facilities to support the healing process for Warriors in Transition (WT) Soldiers.  <u>CURRENT SITUATION:</u> Fort Leonard Wood will support one company of Warriors in Transition (WT). There are no facilities either on or off the installation which can adequately provide the required standard facilities and support for these Soldiers or their families.  <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Warriors in Transition (WT), their Cadre Support Units, and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them to transition back to active status or civilian life.  <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>																																

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71543
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... APR 2009
  - (d) Date Design Complete..... AUG 2009
  - (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 Riley
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 394
  - (b) All Other Design Costs..... 237
  - (c) Total Design Cost..... 631
  - (d) Contract..... 394
  - (e) In-house..... 237
  
- (4) Construction Contract Award..... MAR 2010
  
- (5) Construction Start..... JUN 2010
  
- (6) Construction Completion..... SEP 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  71543
---	--------------------------------

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 Richard J. Cole  
Phone Number: 573-596-0840

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. PROJECT TITLE Transient Advanced Trainee Barracks, Ph 1		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 721	7. PROJECT NUMBER 72523	8. PROJECT COST (\$000) Auth 99,000 Approp 99,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				75,797	
Barracks/Company Ops	m2 (SF)	25,920 ( 279,000)	2,314	(59,985)	
Dining Facility	m2 (SF)	3,136 ( 33,760)	3,498	(10,972)	
Special Foundations	LS	--	--	(469)	
IDS Installation	LS	--	--	(25)	
EMCS Connections	LS	--	--	(360)	
Total from Continuation page				(3,986)	
<u>SUPPORTING FACILITIES</u>				10,306	
Electric Service	LS	--	--	(3,847)	
Water, Sewer, Gas	LS	--	--	(947)	
Steam And/Or Chilled Water Dist	LS	--	--	(612)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,210)	
Storm Drainage	LS	--	--	(481)	
Site Imp( 2,403) Demo( )	LS	--	--	(2,403)	
Information Systems	LS	--	--	(573)	
Antiterrorism Measures	LS	--	--	(233)	
ESTIMATED CONTRACT COST				86,103	
CONTINGENCY (5.00%)				4,305	
SUBTOTAL				90,408	
SUPV, INSP & OVERHEAD (5.70%)				5,153	
DESIGN/BUILD - DESIGN COST				3,616	
TOTAL REQUEST				99,177	
TOTAL REQUEST (ROUNDED)				99,000	
INSTALLED EQT-OTHER APPROP				( )	
10. Description of Proposed Construction This PN 72523, is Phase 1 of a 2 phased project. Phase 2 is PN 68721 for \$29M in FY 2011. Construct four standard-design Advanced Individual Training (AIT) barracks and a standard design dining facility. Project includes connection to energy monitoring and control systems (EMCS), installation of an intrusion detection system (IDS), and special foundations. Supporting facilities include underground utilities, electric service, security lighting, fire suppression, protection and alarm systems, fencing, parking, paving, walks, curbs and gutters, storm drainage, exterior building signage, information systems, 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 3,665 kW/1,042 Tons).					
11. REQ:	17,411 PN	ADQT:	7,523 PN	SUBSTD:	8,009 PN
PROJECT: Construct standard-design Transient Advanced Trainee Barracks, Phase 1 at Fort Leonard Wood, Missouri. (New Mission)					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Transient Advanced Trainee Barracks, Ph 1	5. PROJECT NUMBER  72523
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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	--	--	(1,410)
Antiterrorism Measures	LS	--	--	(990)
Building Information Systems	LS	--	--	(1,586)
			Total	3,986

REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project is required for trainees to support the increase in permanent end strength of the Army. The GTA initiative will allow the Army to increase its capability. The trainees will require barracks, company operations, and dining facilities in order to perform their training.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity. However, there is not a sufficient number of adequate facilities to entirely accommodate GTA. This project provides essential permanent barracks and dining facilities to support trainees 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 with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Transient Advanced Trainee Barracks, Ph 1	5. PROJECT NUMBER  72523
---	--------------------------------

	Requested FY2010 (\$000)	FYDP 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..... APR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... MAR 2010
  - (d) Date Design Complete..... MAY 2010
  - (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 Sill
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 2,262
  - (b) All Other Design Costs..... 1,357
  - (c) Total Design Cost..... 3,619
  - (d) Contract..... 2,262
  - (e) In-house..... 1,357
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... APR 2010
- (6) Construction Completion..... APR 2012

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Leonard Wood, Missouri

4. PROJECT TITLE Transient Advanced Trainee Barracks, Ph 1	5. PROJECT NUMBER 72523
---	----------------------------

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>
	NA		

Installation Engineer: LTC Richard J. Cole  
Phone Number: 573-596-0840

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				335
59247	Water System Expansion	6,500	6,500	C	337
64522	Barracks	57,000	57,000	C	340
70979	Warrior in Transition Complex	21,000	21,000	N	343
		-----	-----		
	Subtotal Fort Drum Part I	\$ 84,500	84,500		
	* TOTAL MCA FOR New York	\$ 84,500	84,500		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 12 MAY 2009							
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	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2008	2130	15291	1569	0	116	0	63	683	2978	22,830
B. END FY 2015	2290	16202	1781	0	92	0	64	684	2976	24,089
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.....							1,110,830			
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							84,500			
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD			
G. REMAINING DEFICIENCY.....							TBD			
H. GRAND TOTAL.....							TBD			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
846	59247	Water System Expansion		6,500		04/2008	05/2010			
721	64522	Barracks		57,000		04/2008	10/2009			
721	70979	Warrior in Transition Complex		21,000		03/2008	07/2010			
				TOTAL		84,500				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE				(\$000)						
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD						
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD						
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD						
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.										

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Drum, 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Drum New York				4.PROJECT TITLE Water System Expansion		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  846	7.PROJECT NUMBER  59247		8.PROJECT COST (\$000) Auth 6,500 Approp 6,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,839
Elevated Storage Tank		L (GA)	3785412 ( 1000000)		1.00	(3,770)
Water Distrib Lines		m (LF)	2,865 ( 9,400)		352.30	(1,009)
Antiterrorism Measures		LS	--		--	(60)
<u>SUPPORTING FACILITIES</u>						766
Electric Service		LS	--		--	(152)
Water, Sewer, Gas		LS	--		--	(235)
Paving, Walks, Curbs & Gutters		LS	--		--	(329)
Site Imp( 50) Demo( )		LS	--		--	(50)
ESTIMATED CONTRACT COST						5,605
CONTINGENCY (5.00%)						280
SUBTOTAL						5,885
SUPV, INSP & OVERHEAD (5.70%)						335
DESIGN/BUILD - DESIGN COST						235
TOTAL REQUEST						6,455
TOTAL REQUEST (ROUNDED)						6,500
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Construct replacement water storage tanks with cathodic protection systems. Storage is too low and pressure needs to be raised to meet minimum distribution system water pressure standards. A 1,000,000 gal storage tank needs to replace the existing 500,000 gal tank. Change the existing pressure zones into five pressure zones by adding pressure reduction vaults at strategic distribution location. Replace Water Distribution Lines. Connect fire hydrants to the existing potable water system. Supporting facilities include all required utilities and site improvements.						
11. REQ: 7,570,824 L ADQT: 3,785,412 L SUBSTD: 1,892,706 L PROJECT: Construct Water System Expansion at Fort Drum, New York. (Current Mission) REQUIREMENT: This project is required to provide a series of pressure control vaults so that there is five independent pressure zones: Airfield, The South Post, The North Post, North Post West and 8000 Area Housing. The construction of pressure control vaults is required to provide water distribution pressure in each zone at the required pressures (40-80 psi). This project will also replace 9,400 LF of cement, asbestos and lead joint cast						



1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Water System Expansion	5. PROJECT NUMBER 59247
--	----------------------------

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.....	144
(b) All Other Design Costs.....	87
(c) Total Design Cost.....	231
(d) Contract.....	144
(e) In-house.....	87
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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 Corriveau  
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 64522	8. PROJECT COST (\$000) Auth 57,000 Approp 57,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					42,060
Barracks		m2 (SF)	15,845 ( 170,556)	2,369	(37,531)
Special Foundations		LS	--	--	(2,129)
EMCS Connection		LS	--	--	(195)
SDD and EPAct05		LS	--	--	(752)
Antiterrorism Measures		LS	--	--	(752)
Building Information Systems		LS	--	--	(701)
<u>SUPPORTING FACILITIES</u>					9,428
Electric Service		LS	--	--	(682)
Water, Sewer, Gas		LS	--	--	(1,903)
Paving, Walks, Curbs & Gutters		LS	--	--	(2,131)
Storm Drainage		LS	--	--	(1,646)
Site Imp( 1,475) Demo( 1,134)		LS	--	--	(2,609)
Information Systems		LS	--	--	(270)
Antiterrorism Measures		LS	--	--	(187)
ESTIMATED CONTRACT COST					51,488
CONTINGENCY (5.00%)					2,574
SUBTOTAL					54,062
SUPV, INSP & OVERHEAD (5.70%)					3,082
TOTAL REQUEST					57,144
TOTAL REQUEST (ROUNDED)					57,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct standard design barracks to house 466 unaccompanied Soldiers. Information systems, fire protection systems and fire alarm control systems are included in the facilities. All facilities will include connection to Energy Monitoring and Control Systems (EMCS). Supporting facilities include water, sewer, electric, gas, paving, walkways, storm drainage, site improvements and information systems. 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. 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 48 Buildings (TOTAL 14,198 m2/152,828 SF).					
11. REQ: 7,040 PN ADQT: 6,145 PN SUBSTD: 2,499 PN					
PROJECT: Construct standard barracks facilities to support the Echelons Above Brigade (EAB) units at Fort Drum, New York. (Current Mission).					
REQUIREMENT: This requirement is needed to support the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project supports the Echelons Above Brigade assigned to Fort Drum along with their support units. This					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009										
3. INSTALLATION AND LOCATION  Fort Drum, New York												
4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  64522											
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>stationing action has significantly increased the installation's military population and structure, requiring new facilities to support the additional units. This project will support the facility requirements by providing required housing for unaccompanied Soldiers in accordance with current design standards. Maximum barracks utilization is 466 Soldiers. Intended utilization is 322 Junior Enlisted and 72 Sergeants.</p> <p><u>CURRENT SITUATION:</u> Adequate existing facilities are not available to support this stationing action. All existing facilities suitable for use under this facility category are fully utilized. This project provides essential permanent standard barracks to support the stationing of the Echelons Above Brigade.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to support the permanent stationing of the Echelons Above Brigade (EAB) at Fort Drum. Soldiers will continue to live and work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.</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, \$5.2M 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 2010, the remaining unaccompanied enlisted permanent party deficit is 314 personnel at this installation.</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>APR 2008</td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2009</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2009</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> </table>			(a) Date Design Started.....	APR 2008	(b) Percent Complete As Of January 2009.....	35.00	(c) Date 35% Designed.....	JAN 2009	(d) Date Design Complete.....	OCT 2009	(e) Parametric Cost Estimating Used to Develop Costs	YES
(a) Date Design Started.....	APR 2008											
(b) Percent Complete As Of January 2009.....	35.00											
(c) Date 35% Designed.....	JAN 2009											
(d) Date Design Complete.....	OCT 2009											
(e) Parametric Cost Estimating Used to Develop Costs	YES											

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Drum, New York

4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  64522
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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 Drum
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 

(a) Production of Plans and Specifications.....	810
(b) All Other Design Costs.....	810
(c) Total Design Cost.....	1,620
(d) Contract.....	810
(e) In-house.....	810
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... MAR 2010
  - (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>
NA			

Installation Engineer: James Corriveau  
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Drum New York				4. PROJECT TITLE Warrior in Transition Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 70979		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>						16,678
Barracks, WT		m2 (SF)	2,687 ( 28,920)		3,557	(9,558)
Soldier & Family Assistance Ctr		m2 (SF)	1,394 ( 15,000)		2,642	(3,682)
Admin & Ops Facility, WT		m2 (SF)	752.51 ( 8,100)		2,642	(1,988)
Special Foundations		LS	--		--	(529)
IDS Installation		LS	--		--	(18)
Total from Continuation page						(903)
<u>SUPPORTING FACILITIES</u>						1,973
Electric Service		LS	--		--	(509)
Water, Sewer, Gas		LS	--		--	(154)
Paving, Walks, Curbs & Gutters		LS	--		--	(42)
Storm Drainage		LS	--		--	(100)
Site Imp( 861) Demo( )		LS	--		--	(861)
Information Systems		LS	--		--	(260)
Antiterrorism Measures		LS	--		--	(47)
ESTIMATED CONTRACT COST						18,651
CONTINGENCY (5.00%)						933
SUBTOTAL						19,584
SUPV, INSP & OVERHEAD (5.70%)						1,116
DESIGN/BUILD - DESIGN COST						783
TOTAL REQUEST						21,483
TOTAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design Warriors in Transition (WT) Complex to include WT Barracks, Soldier and Family Assistance Center (SFAC), WT Administrative/Operations Facility and Special Foundations. Project includes connection to an Energy Management Control System (EMCS), installation of Intrusion Detection System (IDS), building information systems, and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation central systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs and gutters, storm drainage, site accessories, landscaping, and other site improvements. Provide Anti-terrorism/Force Protection measures to include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 352 kW/100 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Drum, New York

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  70979
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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	--	--	(109)
SDD and EPAct05	LS	--	--	(305)
Antiterrorism Measures	LS	--	--	(305)
Building Information Systems	LS	--	--	(184)
			Total	903

11. REQ: 48 PN ADQT: NONE SUBSTD: 48 PN

PROJECT: Construct a standard design Warriors in Transition Complex at Fort Drum, NY. (New Mission)

REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of two companies and a battalion headquarters of Warriors in Transition (WT) Soldiers.

CURRENT SITUATION: Fort Drum currently supports two companies and a battalion headquarters of Warriors in Transition. There are no facilities on or off the installation which can adequately provide the required standard facilities for the Soldiers or their families.

IMPACT IF NOT PROVIDED: If this project is not provided Soldiers who are Warriors in Transition, their Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Drum, New York

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  70979
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... MAR 2008
    - (b) Percent Complete As Of January 2009..... 15.00
    - (c) Date 35% Designed..... MAY 2010
    - (d) Date Design Complete..... JUL 2010
    - (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 Riley
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 250
    - (b) All Other Design Costs..... 150
    - (c) Total Design Cost..... 400
    - (d) Contract..... 250
    - (e) In-house..... 150
  
  - (4) Construction Contract Award..... MAR 2010
  
  - (5) Construction Start..... JUN 2010
  
  - (6) Construction Completion..... DEC 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Drum, New York

4. PROJECT TITLE  Warrior in Transition Complex	5. PROJECT NUMBER  70979
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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>
NA			

Installation Engineer: James W. Corriveau  
Phone Number: 315 772-5371

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				349
16992	Vehicle Maintenance Shop	19,500	19,500	C	351
20347	Simulations Center	50,000	50,000	C	355
20807	Vehicle Maintenance Shop	17,500	17,500	C	359
65202	Company Operations Facility	3,300	3,300	N	363
65876	Transient Training Barracks Complex	16,500	16,500	C	367
68759	Automated Multipurpose Machine Gun	4,350	4,350	N	370
	Subtotal Fort Bragg Part I	\$ 111,150	111,150		
	Sunny Point Military Ocean Terminal (IMCOM)				375
61562	Towers	3,900	3,900	C	377
61564	Lightning Protection System	25,000	25,000	C	381
	Subtotal Sunny Point Military Ocean Terminal	P\$ 28,900	28,900		
	* TOTAL MCA FOR North Carolina	\$ 140,050	140,050		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Bragg, North 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
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  16992		8.PROJECT COST (\$000) Auth 19,500 Approp 19,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,295
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		2,049	(6,718)
Oil Storage Building		m2 (SF)	111.48 ( 1,200)		895.69	(100)
Hazardous Material Storage		m2 (SF)	111.48 ( 1,200)		895.69	(100)
Distribution Co. Warehouse		m2 (SF)	743.22 ( 8,000)		981.14	(729)
Org. Storage Bldg. Renovation		m2 (SF)	1,366 ( 14,700)		635.83	(868)
Total from Continuation page						(5,780)
<u>SUPPORTING FACILITIES</u>						3,253
Electric Service		LS	--		--	(585)
Water, Sewer, Gas		LS	--		--	(402)
Paving, Walks, Curbs & Gutters		LS	--		--	(366)
Storm Drainage		LS	--		--	(327)
Site Imp( 1,015) Demo( 188)		LS	--		--	(1,203)
Information Systems		LS	--		--	(306)
Antiterrorism Measures		LS	--		--	(64)
ESTIMATED CONTRACT COST						17,548
CONTINGENCY (5.00%)						877
SUBTOTAL						18,425
SUPV, INSP & OVERHEAD (5.70%)						1,050
TOTAL REQUEST						19,475
TOTAL REQUEST (ROUNDED)						19,500
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Construct standard design vehicle maintenance facilities. The primary facilities include the vehicle maintenance shop with Cryptologic vaults, distribution company warehouse, Deployment Equipment Storage Facility renovation, Oil Storage Facilities, Access Control Facilities, Un-manned Aerial Vehicle (UAV) Maintenance and Storage Facility, hazardous material storage, Organizational Vehicle Parking, open storage area and Maintenance Shop Apron. Project will include installation of Intrusion Detection Systems (IDS), connection to Energy Monitoring and Control Systems (EMCS), Building Information Systems, Fire Smoke Detection/Enunciation/Suppression Systems and connections to the installation central systems. Building antiterrorism measures will include internal sway bracing, blast resistant window and external door glass and mass notification systems. Supporting facilities include connections to all required utilities, roads, walks, curbs and gutters, storm drainage, fencing, lighting, site improvements, and landscaping. Asbestos/lead paint abatement will be required prior to the demolition of existing buildings. Heating and cooling requirements will be provided by self-contained systems. Mechanical ventilation (37,322 CFM) is required in the repair bays, storage, and other work areas. Site antiterrorism measures will include building orientation and stand-off distances, berming, masking landscaping, security lighting, bollards						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  16992
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking	m2 (SY)	37,887 ( 45,313)	83.61	(3,168)
Maintenance Shop Apron	m2 (SY)	932.28 ( 1,115)	83.61	(78)
Crypto Vaults	m2 (SF)	390.19 ( 4,200)	2,727	(1,064)
Access Control Facility	m2 (SF)	3.34 ( 36)	3,374	(11)
UAV Maint./Storage Facility	m2 (SF)	836.13 ( 9,000)	1,039	(869)
Open Storage Area	m2 (SY)	372.08 ( 445)	90.71	(34)
IDS Installation	LS	--	--	(29)
EMCS Connections	LS	--	--	(64)
SDD and EAct05	LS	--	--	(170)
Antiterrorism Measures	LS	--	--	(170)
Building Information Systems	LS	--	--	(123)
Total				5,780

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

and planters. Access for individuals with disabilities will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EAct05) features will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 9 Buildings (TOTAL 2,189 m2/23,561 SF). Air Conditioning (Estimated 70 kW/20 Tons).

11. REQ: 170,464 m2 ADQT: 113,325 m2 SUBSTD: 17,346 m2

PROJECT: Construct vehicle maintenance facilities at Fort Bragg, North Carolina. (Current Mission)

REQUIREMENT: This project is required to provide adequate permanent facilities for the maintenance of assigned ground equipment and related equipment, which is essential for the readiness posture and effectiveness of the supported unit.

CURRENT SITUATION: Repair, maintenance, storage and issue functions are currently performed in four temporary metal structures, totaling 14,138 SF, that are over three miles from the supported battalions' headquarters complexes. The buildings lack sufficient area for proper maintenance operations and physical security measures to properly safeguard sensitive communications and intelligence equipment. They also have inadequate ventilation, lighting, and exhaust systems. Maintenance is carried out wherever permitted. Effective management of personnel, work scheduling, parts inventory, and tools security is hampered by the dispersal of these buildings. Electronic maintenance space does not have the temperature and humidity control required for repairing sensitive communications and intelligence equipment. Equipment reliability and unit readiness are being compromised.

IMPACT IF NOT PROVIDED: If this project is not provided,

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  16992
--	--------------------------------

IMPACT IF NOT PROVIDED: (CONTINUED)  
 repair/maintenance/storage/issue of materiel and equipment critical to the combat readiness of the XVIII Airborne Corps will be compromised due to these severely crowded, inadequate, temporary facilities. The ability to provide fully mobilized and operational vehicles and electronic intelligence and communications equipment will be significantly decreased. The lack of secured areas will continue to compromise the sensitivity of communications and intelligence equipment. An inadequate physical plant will increase the likelihood of safety and environmental problems. Possible loss of high dollar value equipment to fire and theft will continue. If equipment is not functional, mobile training teams and other intelligence support will suffer.  
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 2006
(b) Percent Complete As Of January 2009.....	35.00
(c) Date 35% Designed.....	JAN 2009
(d) Date Design Complete.....	OCT 2009
(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.....	342
(b) All Other Design Costs.....	60
(c) Total Design Cost.....	402
(d) Contract.....	80

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Bragg, North Carolina

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 16992
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house.....	322
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	FEB 2010
(6) Construction Completion.....	AUG 2011

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 Bean  
Phone Number: 910-396-4009

1. COMPONENT <b>ARMY</b>		FY 2010      MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Simulations Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 172	7. PROJECT NUMBER 20347		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>						39,362
Battle Command Training Center		m2 (SF)	13,525 ( 145,585)		2,653	(35,879)
Access Control Facility		m2 (SF)	37.16 ( 400)		3,519	(131)
Tactical Operation Pads		EA	6 --		99,758	(599)
EMCS Connections		LS	--		--	(130)
SDD and EPAct05		LS	--		--	(718)
Total from Continuation page						(1,905)
<u>SUPPORTING FACILITIES</u>						6,033
Electric Service		LS	--		--	(1,742)
Water, Sewer, Gas		LS	--		--	(394)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,203)
Storm Drainage		LS	--		--	(403)
Site Imp( 1,583) Demo( 276)		LS	--		--	(1,859)
Information Systems		LS	--		--	(381)
Antiterrorism Measures		LS	--		--	(51)
ESTIMATED CONTRACT COST						45,395
CONTINGENCY (5.00%)						2,270
SUBTOTAL						47,665
SUPV, INSP & OVERHEAD (5.70%)						2,717
TOTAL REQUEST						50,382
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						(5,609)
10. Description of Proposed Construction      Construct a standard design large Battle Command Training Center. Primary facilities include the Battle Command Training building, Access Control Facility, Tactical Operations Center (TOC) Pads, connection to energy monitoring and control systems (EMCS), and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include site development and improvements, utility extensions, access road, storm drainage, information systems and parking for tactical and non-tactical vehicles. Comprehensive interior design services are required. Antiterrorism protection measures will be provided. Access for individuals with disabilities will be provided. Demolish 5 Buildings (TOTAL 3,943 m2/42,440 SF). Air Conditioning (Estimated 1,280 kWr/364 Tons).						
11. REQ:		13,525 m2	ADQT:		NONE	SUBSTD:            4,366 m2
PROJECT: Construct a standard design large Battle Command Training Center at Fort Bragg, North Carolina. (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 will provide effective training in the command						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Simulations Center	5. PROJECT NUMBER  20347
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(718)
Building Information Systems	LS	--	--	(1,187)
			Total	1,905

REQUIREMENT: (CONTINUED)

and control of individual as well as combined operations in a simulated tactical environment, incorporating appropriate opposing forces. The 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: Current battle command training and exercises are supported/conducted in three temporary WWII wood structures and five metal structures totaling 47,000 gross SF. There is no facility on Fort Bragg to conduct individual and crew/leader digital training. There is no facility that can be used or adapted to conduct Battalion or higher Tactical Operations Center (TOC) training with digital systems. There is no facility on Ft Bragg capable of linking the live, virtual and constructive training domains. 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. This training need is not being fully met.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bragg will not have adequate battle command training and simulation 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
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3.INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4.PROJECT TITLE  Simulations Center	5.PROJECT NUMBER  20347
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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 2006
- (b) Percent Complete As Of January 2009..... 35.00
- (c) Date 35% Designed..... JAN 2009
- (d) Date Design Complete..... JUL 2009
- (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 Campbell

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

- (a) Production of Plans and Specifications..... 2,580
- (b) All Other Design Costs..... 860
- (c) Total Design Cost..... 3,440
- (d) Contract..... 2,752
- (e) In-house..... 688

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

(5) Construction Start..... FEB 2010

(6) Construction Completion..... JAN 2012

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Bragg, North Carolina

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 20347
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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 Material	OPA	2010	55
UPS	OPA	2010	167
Network Equip	OPA	2010	826
VTC Equip	OPA	2010	1,100
Commo Equip	OPA	2010	1,100
Linkage Simulations	OPA	2010	2,202
Info Sys - ISC	OPA	2011	159
		TOTAL	<u>5,609</u>

Installation Engineer: Gregory G. Bean  
Phone Number: (910) 396-4009

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
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 20807		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>						12,623
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		2,087	(6,841)
Organizational Storage Building		m2 (SF)	780.39 ( 8,400)		923.86	(721)
Organizational Vehicle Parking		m2 (SY)	48,557 ( 58,074)		83.78	(4,068)
POL Storage Building		m2 (SF)	100.34 ( 1,080)		905.52	(91)
Hazardous Waste Storage		m2 (SF)	100.34 ( 1,080)		905.52	(91)
Total from Continuation page						(811)
<u>SUPPORTING FACILITIES</u>						3,161
Electric Service		LS	--		--	(600)
Water, Sewer, Gas		LS	--		--	(108)
Paving, Walks, Curbs & Gutters		LS	--		--	(97)
Storm Drainage		LS	--		--	(1,014)
Site Imp( 769) Demo( 308)		LS	--		--	(1,077)
Information Systems		LS	--		--	(202)
Antiterrorism Measures		LS	--		--	(63)
ESTIMATED CONTRACT COST						15,784
CONTINGENCY (5.00%)						789
SUBTOTAL						16,573
SUPV, INSP & OVERHEAD (5.70%)						945
TOTAL REQUEST						17,518
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design vehicle maintenance shop complex. Primary facilities include the vehicle maintenance shop with, POL storage building, deployment equipment storage building, organizational vehicle parking including shop apron, upgrade/widen Blackjack Street to three lanes and upgrade Log Base Charlie Road to shop entry gate. Provide connection for energy monitoring and control system (EMCS); install intrusion detection system (IDS), building information systems, fire/smoke detection/enunciation/suppression systems and connections to installation central systems. Supporting facilities include utilities; electric service; storm water management structures; sanitary sewer systems; secondary containment; security lighting, fencing and gates; paving, walks, curbs and gutters; information systems; force protection; and site improvements. 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. Antiterrorism/force protection minimum measures will include laminated glass and traffic control barriers as dictated by the project design analysis. Access for individuals with disabilities will be provided. Heat and air-condition will be provided by self-contained units. Asbestos and lead based paint abatement/disposal for buildings to be demolished will be provided. Demolish 35 Buildings (TOTAL 4,693 m2/50,516 SF).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  20807
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Road Upgrade & Widening	m (LF)	441.96 ( 1,450)	764.59	(338)
IDS Installation	LS	--	--	(9)
EMCS Connections	LS	--	--	(47)
SDD and EPAct05	LS	--	--	(137)
Antiterrorism Measures	LS	--	--	(137)
Building Information Systems	LS	--	--	(143)
			Total	811

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Air Conditioning (Estimated 88 kW/25 Tons).

11. REQ: 170,464 m2 ADQT: 113,325 m2 SUBSTD: 17,346 m2

PROJECT: Construct a vehicle maintenance shop complex at Fort Bragg, North Carolina. (Current Mission)

REQUIREMENT: This project is required to provide adequate permanent facilities for the maintenance of assigned ground equipment and related equipment, which is essential for the readiness posture and effectiveness of the supported unit.

CURRENT SITUATION: Existing ground vehicle maintenance facilities are not suited to support modern, long term, organizational support maintenance operations. The facilities lack reliable exhaust ventilation systems, overhead cranes, large bays, environmentally controlled shops and adequate hardstand. Many vehicles cannot fit into the maintenance shops due to the small size of the entrance doors. A portion of the maintenance must be conducted outdoors and exposed to the elements.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance backlogs will continue to increase, which adversely impacts the readiness posture and effectiveness of supported units. Maintenance will continue to be performed under adverse conditions, which inhibit training opportunities, adversely impact on the morale 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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  20807
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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 2006
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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..... 395
    - (b) All Other Design Costs..... 70
    - (c) Total Design Cost..... 465
    - (d) Contract..... 93
    - (e) In-house..... 372
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... FEB 2010
  
  - (6) Construction Completion..... AUG 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  20807
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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>
NA			

Installation Engineer: Gregory G. Bean  
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Company Operations Facility		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 65202		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>						2,268
Company Operations Facility		m2 (SF)	1,075 ( 11,567)		1,883	(2,023)
Covered Hardstand		m2 (SF)	155.24 ( 1,671)		599.56	(93)
IDS Installation		LS	--		--	(5)
EMCS Connection		LS	--		--	(14)
SDD and EPAct05		LS	--		--	(41)
Total from Continuation page						(92)
<u>SUPPORTING FACILITIES</u>						592
Electric Service		LS	--		--	(102)
Water, Sewer, Gas		LS	--		--	(72)
Steam And/Or Chilled Water Dist		LS	--		--	(41)
Paving, Walks, Curbs & Gutters		LS	--		--	(294)
Storm Drainage		LS	--		--	(16)
Site Imp( 47) Demo( )		LS	--		--	(47)
Information Systems		LS	--		--	(20)
ESTIMATED CONTRACT COST						2,860
CONTINGENCY (5.00%)						143
SUBTOTAL						3,003
SUPV, INSP & OVERHEAD (5.70%)						171
DESIGN/BUILD - DESIGN COST						120
TOTAL REQUEST						3,294
TOTAL REQUEST (ROUNDED)						3,300
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard-design company operations facility with covered hardstand for an Explosive Ordnance Disposal (EOD) Battalion to include installation of intrusion detection system (IDS), connection to energy monitoring and control systems (EMCS), and force protection measures. Supporting facilities include all utilities, electric service, fire protection and alarms system, and automatic building sprinklers; paving, walks, curb and gutter; security lighting; parking; storm drainage; erosion control measures; information systems; and site improvements. Anti-terrorism/force protection measures include resistance to progressive collapse, laminated glass, and setbacks from roads, parking areas, and vehicle unloading areas. 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. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 141 kW/40 Tons).						
11. REQ:		344,688 m2	ADQT:		132,084 m2	SUBSTD: 19,429 m2
PROJECT: Construct a standard-design company operations facility to round out the facilities for an EOD Battalion at Fort Bragg, North Carolina. (New						

1. COMPONENT <b>ARMY</b>	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Bragg, North Carolina

4. PROJECT TITLE Company Operations Facility	5. PROJECT NUMBER 65202
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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	--	--	(41)
Building Information Systems	LS	--	--	(51)
			Total	92

PROJECT: (CONTINUED)

Mission).  
REQUIREMENT: This project is needed to support an EOD Battalion at Fort Bragg, NC. It provides emergency response for explosive hazards within the Continental United States (CONUS) as well as support to combatant commanders outside the Continental United States (OCONUS). The battalion will command and control up to eight EOD companies and provide mission tasking, Corps/TSC level EOD planning, and technical intelligence acquisition/management. This unit supports the combined Secretary of Defense (SECDEF) and Chief of Staff of the Army (CSA) initiatives to increase active component explosive ordnance disposal force structure and increase overall readiness for overseas contingency operations.

CURRENT SITUATION: Adequate facilities to support the battalion are not available at Fort Bragg. The existing EOD facility does not contain adequate square footage and is not conducive to supporting separate battalion and company operations.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the EOD Battalion and Soldiers will continue to work in dispersed, substandard, and inadequate facilities, adversely impacting morale, retention, command and control, 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																												
3. INSTALLATION AND LOCATION  Fort Bragg, North Carolina																														
4. PROJECT TITLE  Company Operations Facility	5. PROJECT NUMBER  65202																													
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr><td>(a) Date Design Started.....</td><td><u>JUL 2007</u></td></tr> <tr><td>(b) Percent Complete As Of January 2009.....</td><td><u>15.00</u></td></tr> <tr><td>(c) Date 35% Designed.....</td><td><u>FEB 2010</u></td></tr> <tr><td>(d) Date Design Complete.....</td><td><u>MAY 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-build</td><td></td></tr> <tr><td>(g) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> </table> <p>(2) Basis:</p> <table border="0"> <tr><td>(a) Standard or Definitive Design: YES</td><td></td></tr> <tr><td>(b) Where Most Recently Used: Fort Bragg</td><td></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><u>110</u></td></tr> <tr><td>(b) All Other Design Costs.....</td><td><u>100</u></td></tr> <tr><td>(c) Total Design Cost.....</td><td><u>210</u></td></tr> <tr><td>(d) Contract.....</td><td><u>135</u></td></tr> <tr><td>(e) In-house.....</td><td><u>75</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2010</u></p> <p>(5) Construction Start..... <u>MAR 2010</u></p> <p>(6) Construction Completion..... <u>MAR 2011</u></p>			(a) Date Design Started.....	<u>JUL 2007</u>	(b) Percent Complete As Of January 2009.....	<u>15.00</u>	(c) Date 35% Designed.....	<u>FEB 2010</u>	(d) Date Design Complete.....	<u>MAY 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-build		(g) An energy study and life cycle cost analysis will be documented during the final design.		(a) Standard or Definitive Design: YES		(b) Where Most Recently Used: Fort Bragg		(a) Production of Plans and Specifications.....	<u>110</u>	(b) All Other Design Costs.....	<u>100</u>	(c) Total Design Cost.....	<u>210</u>	(d) Contract.....	<u>135</u>	(e) In-house.....	<u>75</u>
(a) Date Design Started.....	<u>JUL 2007</u>																													
(b) Percent Complete As Of January 2009.....	<u>15.00</u>																													
(c) Date 35% Designed.....	<u>FEB 2010</u>																													
(d) Date Design Complete.....	<u>MAY 2010</u>																													
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																													
(f) Type of Design Contract: Design-build																														
(g) An energy study and life cycle cost analysis will be documented during the final design.																														
(a) Standard or Definitive Design: YES																														
(b) Where Most Recently Used: Fort Bragg																														
(a) Production of Plans and Specifications.....	<u>110</u>																													
(b) All Other Design Costs.....	<u>100</u>																													
(c) Total Design Cost.....	<u>210</u>																													
(d) Contract.....	<u>135</u>																													
(e) In-house.....	<u>75</u>																													

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Company Operations Facility	5. PROJECT NUMBER  65202
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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>
	NA		

Installation Engineer: Gregory G. Bean  
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Transient Training Barracks Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 65876		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>						11,317
Dining Facility		m2 (SF)	2,462 (	26,500)	3,003	(7,394)
Transient Training Barracks		m2 (SF)	2,285 (	24,599)	1,456	(3,327)
EMCS Connections		LS	--	--	--	(80)
SDD and EPAct05		LS	--	--	--	(202)
Antiterrorism Measures		LS	--	--	--	(202)
Building Information Systems		LS	--	--	--	(112)
<u>SUPPORTING FACILITIES</u>						3,049
Electric Service		LS	--	--	--	(736)
Water, Sewer, Gas		LS	--	--	--	(438)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(313)
Storm Drainage		LS	--	--	--	(913)
Site Imp( 275) Demo( )		LS	--	--	--	(275)
Information Systems		LS	--	--	--	(167)
Antiterrorism Measures		LS	--	--	--	(207)
ESTIMATED CONTRACT COST						14,366
CONTINGENCY (5.00%)						718
SUBTOTAL						15,084
SUPV, INSP & OVERHEAD (5.70%)						860
DESIGN/BUILD - DESIGN COST						603
TOTAL REQUEST						16,547
TOTAL REQUEST (ROUNDED)						16,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a Special Forces Preparation Course student transient training barracks at Camp MacKall and student transient training dining facility. Primary facilities also include Energy Monitoring and Control System (EMCS) connections, antiterrorism measures and building information systems. Supporting facilities include utilities, electrical service, heating, ventilation and air conditioning, paving, walks, curbs and gutters, storm drainage, and site improvements. Provide fire alarm, detection and central reporting systems and automatic building sprinklers. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors and site measures and mass notification systems. Access for persons with disabilities will be provided in the dining facility. 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 299 kW/85 Tons).						
11. REQ:		906 PN ADQT:		280 PN SUBSTD:		NONE
PROJECT: Construct a Transient Training Barracks Complex for the Special Forces Preparation Course (SFPC) for the Special Warfare Center and School at						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Transient Training Barracks Complex	5. PROJECT NUMBER  65876
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost.....	603
(d) Contract.....	377
(e) In-house.....	226
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	SEP 2011

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 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Automated Multipurpose Machine Gun		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 68759	8. PROJECT COST (\$000) Auth 4,350 Approp 4,350		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,584
Multipurpose Machine Gun (MPMG)	FP	6 --		458,752	(2,753)
Range Ops Site Development	EA	1 --		170,000	(170)
Range Operations Tower	m2 (SF)	23.78 ( 256)		2,614	(62)
Range Operations & Storage	m2 (SF)	74.32 ( 800)		2,080	(155)
Classroom Building	m2 (SF)	74.32 ( 800)		2,280	(169)
Total from Continuation page					(275)
<u>SUPPORTING FACILITIES</u>					330
Electric Service	LS	--		--	(235)
Paving, Walks, Curbs & Gutters	LS	--		--	(45)
Site Imp( 43) Demo( 3)	LS	--		--	(46)
Information Systems	LS	--		--	(4)
ESTIMATED CONTRACT COST					3,914
CONTINGENCY (5.00%)					196
SUBTOTAL					4,110
SUPV, INSP & OVERHEAD (5.70%)					234
TOTAL REQUEST					4,344
TOTAL REQUEST (ROUNDED)					4,350
INSTALLED EQT-OTHER APPROP					(2,398)
10. Description of Proposed Construction Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, site development, range operations tower, classroom building, ammunition breakdown building, bleacher enclosure, range operations and storage building, latrine, covered mess and building information systems. Supporting facilities include electric service, paving, site improvements and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 1 Building (TOTAL 38 m2/411 SF). Air Conditioning (Estimated 18 kW/5 Tons).					
11. REQ:	10 FP	ADQT:	NONE	SUBSTD:	10 FP
PROJECT: Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range at Fort Bragg, North Carolina. (New Mission)					
REQUIREMENT: This project is required to support the Grow the Army initiative and 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 project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This range satisfies the training and qualification requirements of light and heavy machine guns. Combat and combat support units require training proficiency in					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Automated Multipurpose Machine Gun	5. PROJECT NUMBER  68759
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vault Latrine	m2 (SF)	18.58 ( 200)	3,208	(60)
Covered Mess Shelter	m2 (SF)	74.32 ( 800)	1,027	(76)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)	2,090	(23)
Bleacher Enclosure	m2 (SF)	49.70 ( 535)	1,765	(88)
SDD and EPAct05	LS	--	--	(9)
Antiterrorism Measures	LS	--	--	(13)
Building Information Systems	LS	--	--	(6)
			Total	275

REQUIREMENT: (CONTINUED)  
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.

CURRENT SITUATION: Currently Fort Bragg 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 areas. 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 Bragg, 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Automated Multipurpose Machine Gun	5. PROJECT NUMBER  68759
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2007
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... AUG 2009
  - (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 Leonard Wood

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 220
  - (b) All Other Design Costs..... 180
  - (c) Total Design Cost..... 400
  - (d) Contract..... 300
  - (e) In-house..... 100

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

(5) Construction Start..... MAY 2010

(6) Construction Completion..... MAR 2011

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Automated Multipurpose Machine Gun

5. PROJECT NUMBER

68759

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	2010	2,396
Info Sys - ISC	OPA	2011	2
		TOTAL	<u>2,398</u>

Installation Engineer: Gregory G. Bean

Phone Number: 910.396.4009

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1. COMPONENT ARMY		FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION  Sunny Point Mil Ocean Term North Carolina			4. COMMAND  US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX  0.90	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 31 OCT 2008	6	39	287	0	0	0	2 0 228
B. END FY 2015	6	39	288	0	0	0	2 0 228
						TOTAL	
						562	
						563	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		6,604 ha		(16,318 AC)			
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						556,128	
C. AUTHORIZATION NOT YET IN INVENTORY.....						69,200	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						28,900	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
149	61562	Towers		3,900	10/2007	10/2009	
892	61564	Lightning Protection System		25,000	12/2008	10/2009	
				TOTAL	28,900		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
Receiving, handling, loading and shipping outbound and retrograde ammunition, explosives and other DOD cargo.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
				(\$000)			
A. AIR POLLUTION				0			

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Sunny Point Mil Ocean Term, North Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

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

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina				4. PROJECT TITLE Towers		
5. PROGRAM ELEMENT  72896A		6. CATEGORY CODE  149	7. PROJECT NUMBER  61562		8. PROJECT COST (\$000) Auth 3,900 Approp 3,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,995
Manned Surveillance Tower		EA	2 --		1304026	(2,608)
Camera Tower		EA	2 --		88,860	(178)
Install Surveillance Cameras		EA	53 --		3,080	(163)
EMCS Connections		LS	--		--	(12)
SDD and EPAct05		LS	--		--	(25)
Building Information Systems		LS	--		--	(9)
<u>SUPPORTING FACILITIES</u>						539
Electric Service		LS	--		--	(331)
Water, Sewer, Gas		LS	--		--	(72)
Paving, Walks, Curbs & Gutters		LS	--		--	(1)
Site Imp( 80) Demo( 3)		LS	--		--	(83)
Information Systems		LS	--		--	(52)
ESTIMATED CONTRACT COST						3,534
CONTINGENCY (5.00%)						177
SUBTOTAL						3,711
SUPV, INSP & OVERHEAD (5.70%)						212
TOTAL REQUEST						3,923
TOTAL REQUEST (ROUNDED)						3,900
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct security towers. Project includes two surveillance towers with enclosed climate controlled cabs, two smaller unmanned surveillance towers for closed circuit television (CCTV) cameras; building information systems and connection to central monitoring station in the south wharf surveillance tower. Provide backup connection with the installation Military Police Office. Procure and install illuminated warning signs on both sides of both entrances to protective barrier system; procure and install reflectorized warning signs on existing dolphins in channel. Install mass notification system, siren, radar, and spotlight at both manned surveillance towers. Install fire detection systems in manned surveillance towers. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electrical, paving; and site preparation. Abate asbestos and lead based paint in buildings to be demolished. Heat and air condition surveillance tower cabs from self contained systems. Demolish 2 Buildings (TOTAL 84 m2/900 SF). Air Conditioning (Estimated 35 kWr/10 Tons).						
11. REQ:		4 EA	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct security towers at the center and south wharves at Sunny Point Military Ocean Terminal, North Carolina. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal, North Carolina		
4. PROJECT TITLE  Towers	5. PROJECT NUMBER  61562	
<p><u>REQUIREMENT:</u> This project is required to provide antiterrorism (AT) and physical security improvements to the center and south wharves. The surveillance towers and CCTV cameras will provide for increased visibility of intruders with the manned towers serving as a last line of defense from waterborne terrorists intent on attacking munitions laden ships docked at the south and center wharves. From these towers armed guard personnel will have a clear field of vision that will allow them to stop incoming attackers before the docked ships can be reached and explosives detonated. Military Ocean Terminal Sunny Point (MOTSU) performs the critical mobility support mission of planning, coordinating, and accomplishing the transfer of munitions, explosives, and related military cargo between highway or rail carriers and oceangoing vessels for shipment overseas in support of US, NATO, and allied military operations worldwide. MOTSU is the only DOD ammunition terminal specifically designed to handle containerized ammunition shipments, and is the East Coast containerized ammunition terminal for the Army Power Projection Program (AP3). Adequate AT and physical security measures are required to ensure the continuity of MOTSU's critical mission. These improvements will protect the installation and further deter unauthorized access from waterborne terrorists and other intruders.</p> <p><u>CURRENT SITUATION:</u> A protective barrier system has been installed to enclose the south and center wharf waterfront areas at MOTSU as a countermeasure for waterborne intruders and terrorists. This system limits waterborne access to the center and south wharves to two entrance points, one at the north end of the barrier system and one on the system's south end. When ships are in port, protection of these two entrances is provided through the use of marked patrol boats.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the existing protective system and operational procedures now in place will continue to compromise personnel and operations safety for the installation. The two entrances to the new barrier system around the wharf area is the single point of failure in the current security system and continued exposure to attack from extremist and terrorist groups could result in a catastrophic event. Significant loss of life as well as the loss of MOTSU for munitions out loading would be expected. This would debilitate port capability, put military and civilian personnel at risk, as well as adversely impact surrounding civilian communities.</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</p>		

1.COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
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3.INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4.PROJECT TITLE  Towers	5.PROJECT NUMBER  61562
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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..... OCT 2007
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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..... 220
    - (b) All Other Design Costs..... 170
    - (c) Total Design Cost..... 390
    - (d) Contract..... 300
    - (e) In-house..... 90
  
  - (4) Construction Contract Award..... DEC 2009
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4. PROJECT TITLE  Towers	5. PROJECT NUMBER  61562
--------------------------------	--------------------------------

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>
	NA		

Installation Engineer: Richard Lockwood  
Phone Number: 910-457-8603

1. COMPONENT  ARMY		FY 2010      MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina				4. PROJECT TITLE Lightning Protection System		
5. PROGRAM ELEMENT  72896A		6. CATEGORY CODE  892	7. PROJECT NUMBER  61564		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> Lightning Protection System		m (LF)	137,526 ( 451,200)		161.46	22,205 (22,205)
<u>SUPPORTING FACILITIES</u> Site Imp( 649) Demo( )		LS	--		--	649 (649)
ESTIMATED CONTRACT COST						22,854
CONTINGENCY (5.00%)						1,143
SUBTOTAL						23,997
SUPV, INSP & OVERHEAD (5.70%)						1,368
TOTAL REQUEST						25,365
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction      Install lightning protection system (LPS) at various rail spurs; demolish existing aerial electrical distribution lines in these areas; provide new underground electrical service and working/security lighting. Supporting facilities include site improvements.						
11. REQ:                    137,526 m    ADQT:                    NONE                    SUBSTD:                    NONE						
PROJECT:    Install a lightning protection system at Sunny Point Military Ocean Terminal, North Carolina. (Current Mission)						
REQUIREMENT:    This project is required to provide adequate lightning systems (LPS) at various rail spurs. Adequate lightning protection is critical to insuring munitions are not subject to possible lightning strikes and consequential fires and explosions. Without such a system, Military Ocean Terminal Sunny Point (MOTSU) is not in compliance with current lightning protection requirements.						
CURRENT SITUATION:    Currently, there are no lightning protection systems in place at these rail spurs.						
IMPACT IF NOT PROVIDED:    If this project is not provided, the failure to install an adequate LPS places MOTSU in violation of DOD and Army standards. Additionally all ammunition located at unprotected locations are at a much higher risk of detonation due to a lightning strike. In the event of a						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4. PROJECT TITLE  Lightning Protection System	5. PROJECT NUMBER  61564
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IMPACT IF NOT PROVIDED: (CONTINUED)  
detonation, the DoD munitions movements and prepositioned munitions operations missions at MOTSU will be terminated for a period of time dependent on the detonation or amount and type of ammunition involved in the detonation.  
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..... DEC 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... APR 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 959
  - (b) All Other Design Costs..... 959
  - (c) Total Design Cost..... 1,918
  - (d) Contract..... 959
  - (e) In-house..... 959
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4. PROJECT TITLE  Lightning Protection System	5. PROJECT NUMBER  61564
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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: Richard Lockwood  
Phone Number: 910-457-8603

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Oklahoma	McAlester Army Ammunition Plant (AMC)				387
	McAlester AAP				
58350	High Explosive Magazine, Depot Level	1,300	1,300	C	389
66545	General Purpose Storage Building	11,200	11,200	C	392
		-----	-----		
	Subtotal McAlester Army Ammunition Plant Part I\$	12,500	12,500		
	Fort Sill (IMCOM)				395
62398	Automated Infantry Squad Battle Course	3,500	3,500	C	397
69330	Barracks	65,000	65,000	C	400
71538	Warrior In Transition Complex	22,000	22,000	N	403
		-----	-----		
	Subtotal Fort Sill Part I	\$ 90,500	90,500		
	* TOTAL MCA FOR Oklahoma	\$ 103,000	103,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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 31 OCT 2008	1	0	1428	2	11	71	2,511
B. END FY 2015	13	282	1148	1	19	89	2,651
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.....							41,596
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							12,500
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD
G. REMAINING DEFICIENCY.....							TBD
H. GRAND TOTAL.....							TBD
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
421	58350	High Explosive Magazine, Depot Level				1,300	08/2008 05/2010
442	66545	General Purpose Storage Building				11,200	08/2008 09/2009
TOTAL						12,500	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A.	REQUESTED IN THE FY 2011 PROGRAM:					TBD	
B.	PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):					TBD	
C.	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					TBD	
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 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)</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: McAlester AAP, Oklahoma

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION McAlester AAP Oklahoma				4.PROJECT TITLE High Explosive Magazine, Depot Level		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  421	7.PROJECT NUMBER  58350		8.PROJECT COST (\$000) Auth 1,300 Approp 1,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Magazine Pads		m2 (SF)	12,962 ( 139,520)		88.48	1,147 (1,147)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						1,147
CONTINGENCY (5.00%)						57
SUBTOTAL						1,204
SUPV, INSP & OVERHEAD (5.70%)						69
DESIGN/BUILD - DESIGN COST						48
TOTAL REQUEST						1,321
TOTAL REQUEST (ROUNDED)						1,300
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Construct extensions to existing magazine pads at existing ammunition storage igloos.						
11. REQ: 601,248 m2 ADQT: 559,108 m2 SUBSTD: 42,141 m2						
PROJECT: This project provides magazine pad extensions to existing magazine entrances at McAlester AAP, Oklahoma. (Current Mission).						
REQUIREMENT: This project is needed to ensure all weather access for loading and unloading ammunition at high explosive magazines. The pad extensions will allow for a mobile forklift ramp (dock) to be used such that the forklift with munitions can trundle out of the magazine, up the ramp, place the pallet on the tractor-trailer, and return to the magazine for another pallet. This project enhances the delivery of ammunition for deployment.						
CURRENT SITUATION: Munitions are removed from on grade, earthen covered, magazines by forklift and trundled outside to a small truck that transfers munitions to a distant transfer facility with a loading dock, which can accommodate the modern large tractor trailers. Non-paved approach areas do not support fork lift traffic during inclement weather thereby reducing access. Mud holes result and cause extremely limited safe and expedient access to munitions.						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  McAlester AAP, Oklahoma
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4. PROJECT TITLE  High Explosive Magazine, Depot Level	5. PROJECT NUMBER  58350
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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: William Hovell  
Phone Number: 918 420 6811

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION McAlester AAP Oklahoma				4. PROJECT TITLE General Purpose Storage Building		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 442	7. PROJECT NUMBER 66545		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>						7,775
Warehouse w/scalehouse & Admin		m2 (SF)	4,279 ( 46,058)		909.69	(3,893)
Demil Processing Facility		m2 (SF)	1,591 ( 17,120)		1,292	(2,054)
Open Storage Areas		m2 (SY)	32,203 ( 38,515)		33.84	(1,090)
Working Pad		m2 (SY)	5,789 ( 6,923)		53.82	(312)
SDD and EPAct05		LS	--		--	(40)
Building Information Systems		LS	--		--	(386)
<u>SUPPORTING FACILITIES</u>						2,372
Electric Service		LS	--		--	(758)
Water, Sewer, Gas		LS	--		--	(396)
Paving, Walks, Curbs & Gutters		LS	--		--	(176)
Storm Drainage		LS	--		--	(97)
Site Imp( 303) Demo( )		LS	--		--	(303)
Information Systems		LS	--		--	(194)
Antiterrorism Measures		LS	--		--	(448)
ESTIMATED CONTRACT COST						10,147
CONTINGENCY (5.00%)						507
SUBTOTAL						10,654
SUPV, INSP & OVERHEAD (5.70%)						607
TOTAL REQUEST						11,261
TOTAL REQUEST (ROUNDED)						11,200
INSTALLED EQT-OTHER APPROP						(1,175)
10. Description of Proposed Construction Construct a centralized demilitarization (DEMIL) processing center. Project will include a demilitarization (DEMIL) processing facility, a warehouse facility for covered storage, an administrative space with tornado shelter, a vehicle scale house with restroom, paved outdoor open storage, a reinforced storage pad and a vehicle scale. Supporting Facilities include a gate radiation monitor, loading/unloading ramp, underground oil/water separators for storm water drainage control and ancillary paving. Also included are a new/extended access roadway; security fencing and security lighting; site utilities including electrical, water, natural gas, sanitary sewer, fire protection and fire alarms. Access for individuals with disabilities will be provided. Heating and air conditioning will be by self contained units. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 56 kW/16 Tons).						
11. REQ: 89,605 m2 ADQT: 85,224 m2 SUBSTD: 46 m2						
PROJECT: Construct a centralized DEMIL processing center at McAlester Army Ammunition Plant (MCAAP), Oklahoma. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  McAlester AAP, Oklahoma		
4. PROJECT TITLE  General Purpose Storage Building	5. PROJECT NUMBER  66545	
<p><u>REQUIREMENT:</u> New Defense Reutilization Marketing Service (DRMS) DEMIL facilities must be constructed at McAlester AAP to replace those existing at the Lone Star Army Ammunition Plant. MCAAP, located 185 miles from Lone Star Army Ammunition Plant, has offered a suitable relocation site and can provide demil services for excess DoD DEMIL required property. The DEMIL Center facilities requirements at MCAAP replace current existing facilities at Lone Star AAP, TX. The MCAAP site is large enough to accommodate expansion in support of mission and force structure changes.</p> <p><u>CURRENT SITUATION:</u> The current DEMIL operation exists at the Lone Star Army Ammunition Plant which will be closed. MCAAP would function well as a new potential centralized DEMIL processing center since there is adequate space to accommodate a new centralized DEMIL facility. MCAAP is also capable of processing more property more efficiently than current methods at LSAAP since they have large industrial shredders in place for demil performance.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to relocate the DRMS Demil Center Texarkana from Lone Star Army Ammunition Plant will severely impact the DRMS Demil mission. The Center currently located at LSAAP is the largest of the 4 centers in CONUS. The Anniston Demil Center will no longer process property from other DRMOs and will only maintain the small arms demil mission and support to the Army M1 Tank project. The remaining two Centers (Crane and Tucson) do not have sufficient warehouse capacity to absorb the additional workload from the Texarkana Center. In addition, it is projected that the demil workload will increase significantly due to the excessing of demil required property from depot dormant stock over the next few years.</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..... AUG 2008</p> <p>(b) Percent Complete As Of January 2009..... 15.00</p> <p>(c) Date 35% Designed..... APR 2009</p> <p>(d) Date Design Complete..... SEP 2009</p>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
McAlester AAP, Oklahoma

4. PROJECT TITLE  General Purpose Storage Building	5. PROJECT NUMBER  66545
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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: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |                        |
|---|------------------------|
| (a) Production of Plans and Specifications..... | <u>      255      </u> |
| (b) All Other Design Costs.....                 | <u>      153      </u> |
| (c) Total Design Cost.....                      | <u>      408      </u> |
| (d) Contract.....                               | <u>      255      </u> |
| (e) In-house.....                               | <u>      153      </u> |
- (4) Construction Contract Award.....       JAN 2010
- (5) Construction Start.....       MAR 2010
- (6) Construction Completion.....       SEP 2011

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>
IT Equipment	OPA	2010	64
Telecom	OPA	2010	129
Info Sys - ISC	OPA	2011	330
Info Sys - PROP	OPA	2011	652
		TOTAL	<u>      1,175      </u>

Installation Engineer: William Hovell  
Phone Number: 918-420-6811



1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Sill, Oklahoma

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Sill Oklahoma			4.PROJECT TITLE Automated Infantry Squad Battle Course			
5.PROGRAM ELEMENT  22212A	6.CATEGORY CODE  178	7.PROJECT NUMBER  62398		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>					3,073	
Infantry Squad Battle Course	FP	5 --		465,888	(2,329)	
Range Operations Center	m2 (SF)	74.32 ( 800)		2,099	(156)	
Classroom Building	m2 (SF)	74.32 ( 800)		2,301	(171)	
Latrine	m2 (SF)	18.58 ( 200)		3,238	(60)	
Covered Mess	m2 (SF)	72 ( 775)		1,037	(75)	
Total from Continuation page					(282)	
<u>SUPPORTING FACILITIES</u>					61	
Electric Service	LS	--		--	(38)	
Information Systems	LS	--		--	(21)	
Antiterrorism Measures	LS	--		--	(2)	
ESTIMATED CONTRACT COST					3,134	
CONTINGENCY (5.00%)					157	
SUBTOTAL					3,291	
SUPV, INSP & OVERHEAD (5.70%)					188	
TOTAL REQUEST					3,479	
TOTAL REQUEST (ROUNDED)					3,500	
INSTALLED EQT-OTHER APPROP					( )	
10.Description of Proposed Construction Construct a standard design Automated Infantry Squad Battle Course (ISBC). Primary facilities include the ISBC, range operations center, classroom building, latrine, covered mess, ammo breakdown building, bleacher enclosure, range operations and storage building, and building information systems. Antiterrorism measures will be provided. 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 28 kW/8 Tons).						
11. REQ:	5 FP	ADQT:	NONE	SUBSTD:	NONE	
PROJECT: Construct a standard design Automated Infantry Squad Battle Course at Fort Sill, Oklahoma. (Current Mission)						
REQUIREMENT: Fort Sill's III Corps power projection units, Initial Entry Training (IET) and Basic Officer Leadership Course (BOLC) Soldiers will use the complex 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.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Sill, Oklahoma

4. PROJECT TITLE  Automated Infantry Squad Battle Course	5. PROJECT NUMBER  62398
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ammo Breakdown Bldg	m2 (SF)	11.15 ( 120)	2,109	(24)
Bleachers Enclosure	m2 (SF)	54.44 ( 586)	1,438	(78)
Range Operations and Storage	m2 (SF)	74.32 ( 800)	2,099	(156)
SDD and EPAct05	LS	--	--	(6)
Antiterrorism Measures	LS	--	--	(5)
Building Information Systems	LS	--	--	(13)
			Total	282

CURRENT SITUATION: Fort Sill does not have this type of training facility. Soldiers are not receiving the benefit of this training. This training need is not being met.

IMPACT IF NOT PROVIDED: Fort Sill Initial Entry Training (IET) and Basic Officer Leadership Course (BOLC) Soldiers will continue to be deprived of the training supported by a standard infantry squad battle course. Soldiers will be sent to duty assignments less than fully exposed to appropriate and adequate training.

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..... JAN 2007
- (b) Percent Complete As Of January 2009..... 35.00
- (c) Date 35% Designed..... DEC 2008
- (d) Date Design Complete..... SEP 2009
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4. PROJECT TITLE  Automated Infantry Squad Battle Course	5. PROJECT NUMBER  62398
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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.....	198
(b) All Other Design Costs.....	66
(c) Total Design Cost.....	264
(d) Contract.....	198
(e) In-house.....	66

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

(5) Construction Start..... FEB 2010

(6) Construction Completion..... FEB 2011

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 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 721	7. PROJECT NUMBER 69330	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>					45,715
Barracks		m2 (SF)	21,082 ( 226,920)	1,897	(39,983)
Special Foundation		LS	--	--	(2,780)
EMCS Connection		LS	--	--	(213)
SDD and EPAct05		LS	--	--	(815)
Antiterrorism Measures		LS	--	--	(998)
Building Information Systems		LS	--	--	(926)
<u>SUPPORTING FACILITIES</u>					10,283
Electric Service		LS	--	--	(4,318)
Water, Sewer, Gas		LS	--	--	(1,541)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,349)
Storm Drainage		LS	--	--	(260)
Site Imp( 2,158) Demo( )		LS	--	--	(2,158)
Information Systems		LS	--	--	(487)
Antiterrorism Measures		LS	--	--	(170)
ESTIMATED CONTRACT COST					55,998
CONTINGENCY (5.00%)					2,800
SUBTOTAL					58,798
SUPV, INSP & OVERHEAD (5.70%)					3,351
DESIGN/BUILD - DESIGN COST					2,352
TOTAL REQUEST					64,501
TOTAL REQUEST (ROUNDED)					65,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Barracks. Supporting facilities include: electrical, water, sewer and gas service, communications, and site improvements. Project also includes parking, paved drives, sidewalks, storm drainage, and curb and gutters. Heating and air-conditioning will be provided by self-contained units. Connect to energy monitoring and control system (EMCS). 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. Antiterrorism/force protection (AT/FP) will be provided. Special foundations are required. Air Conditioning (Estimated 2,638 kW/750 Tons).					
11. REQ: 2,352 PN ADQT: 1,732 PN SUBSTD: 620 PN					
PROJECT: Provide standard design Barracks to support the Grow the Army initiative at Fort Sill, Oklahoma. (Current Mission)					
REQUIREMENT: The Grow the Army initiative is increasing the AIT barracks requirements at Ft Sill. To meet this requirement, the installation will convert 1,040 barracks spaces, that do not meet permanent barracks criteria but are suitable for AIT trainees, to AIT barracks use. This project will replace the converted barracks with new permanent barracks meeting permanent					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma		
4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  69330	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>party barracks criteria. The maximum barracks utilization is 620 Soldiers. Intended utilization is 428 Junior Enlisted and 96 Sergeants.</p> <p><u>CURRENT SITUATION:</u> The installation presently uses barracks, intended for Basic Training, for AIT soldiers. The barracks are open bay, do not meet current standards for privacy nor the amount of space per AIT Soldier. Also the current facilities do not provide the necessary associated administrative and support facilities for permanent party Soldiers.</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 and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.</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, \$4.6M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Sill, OK. Upon completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... JUN 2008</p> <p>(b) Percent Complete As Of January 2009..... 15.00</p> <p>(c) Date 35% Designed..... FEB 2010</p> <p>(d) Date Design Complete..... MAY 2010</p> <p>(e) Parametric Cost Estimating Used to Develop Costs YES</p> <p>(f) Type of Design Contract: Design-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Sill, Oklahoma

4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  69330
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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 Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,470
(b) All Other Design Costs.....	822
(c) Total Design Cost.....	2,292
(d) Contract.....	1,470
(e) In-house.....	822

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

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

(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: Randall J. Butler  
Phone Number: 580-442-3705

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma				4. PROJECT TITLE Warrior In Transition Complex		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 71538		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>						14,506
Barracks, WT		m2 (SF)	4,030 ( 43,380)		2,267	(9,136)
Admin and Ops Facility, WT		m2 (SF)	771.09 ( 8,300)		2,207	(1,702)
Soldier & Family Assistance Ctr		m2 (SF)	650.32 ( 7,000)		2,319	(1,508)
Special Foundations		LS	--		--	(651)
IDS Installation		LS	--		--	(16)
Total from Continuation page						(1,493)
<u>SUPPORTING FACILITIES</u>						4,178
Electric Service		LS	--		--	(827)
Water, Sewer, Gas		LS	--		--	(236)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,300)
Storm Drainage		LS	--		--	(197)
Site Imp( 1,277) Demo( )		LS	--		--	(1,277)
Information Systems		LS	--		--	(264)
Antiterrorism Measures		LS	--		--	(77)
ESTIMATED CONTRACT COST						18,684
CONTINGENCY (5.00%)						934
SUBTOTAL						19,618
SUPV, INSP & OVERHEAD (5.70%)						1,118
DESIGN/BUILD - DESIGN COST						785
TOTAL REQUEST						21,521
TOTAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Support Complex. Primary facilities include a Warrior in Transition Barracks, Warrior in Transition Administrative and Operations Facility, Soldier and Family Assistance Center (SFAC), building information systems, installation of Intrusion Detection System (IDS), connection to an Energy Management Control System (EMCS) and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation's central systems. Special foundations are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAC05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs, gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive interior design services are required. Air Conditioning (Estimated 633 kW/180 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Sill, Oklahoma

4. PROJECT TITLE  Warrior In Transition Complex	5. PROJECT NUMBER  71538
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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	--	--	(60)
SDD and EPAct05	LS	--	--	(244)
Antiterrorism Measures	LS	--	--	(244)
Building Information Systems	LS	--	--	(945)
			Total	1,493

11. REQ: 72 PN ADQT: NONE SUBSTD: 72 PN  
PROJECT: Construct a standard design Warrior in Transition (WT) Complex at Fort Sill, OK. (New Mission)  
REQUIREMENT: This project is required to provide adequate permanent facilities to support the healing process of one company of Warriors in Transition (WT) Soldiers.  
CURRENT SITUATION: Fort Sill currently supports one company of Warriors in Transition. There are no facilities on or off the installation which can adequately provide the required standard facilities for the Soldiers or their families.  
IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers who are Warriors in Transition (WT), their Cadre Support Units, and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma																								
4. PROJECT TITLE  Warrior In Transition Complex	5. PROJECT NUMBER  71538																							
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>JUN 2008</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td><u>15.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>APR 2010</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>SEP 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-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 Riley</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>497</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>298</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>795</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>497</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>298</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>MAR 2010</u></p> <p>(5) Construction Start..... <u>MAY 2010</u></p> <p>(6) Construction Completion..... <u>SEP 2011</u></p>			(a) Date Design Started.....	<u>JUN 2008</u>	(b) Percent Complete As Of January 2009.....	<u>15.00</u>	(c) Date 35% Designed.....	<u>APR 2010</u>	(d) Date Design Complete.....	<u>SEP 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	<u>497</u>	(b) All Other Design Costs.....	<u>298</u>	(c) Total Design Cost.....	<u>795</u>	(d) Contract.....	<u>497</u>	(e) In-house.....	<u>298</u>
(a) Date Design Started.....	<u>JUN 2008</u>																							
(b) Percent Complete As Of January 2009.....	<u>15.00</u>																							
(c) Date 35% Designed.....	<u>APR 2010</u>																							
(d) Date Design Complete.....	<u>SEP 2010</u>																							
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	<u>497</u>																							
(b) All Other Design Costs.....	<u>298</u>																							
(c) Total Design Cost.....	<u>795</u>																							
(d) Contract.....	<u>497</u>																							
(e) In-house.....	<u>298</u>																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Sill, Oklahoma

4. PROJECT TITLE  Warrior In Transition Complex	5. PROJECT NUMBER  71538
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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>
NA			

Installation Engineer: Randall J. Butler  
Phone Number: 580-442-3705

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
South Carolina	Charleston Naval Weapons Sta (AMC)				
60092	Staging Area	4,100	4,100	C	409
61492	Railroad Tracks	12,000	12,000	C	412
61493	Pier and Loading/Unloading Ramps	5,700	5,700	C	415
	Subtotal Charleston Naval Weapons Sta Part I	\$ 21,800	21,800		
	Fort Jackson (IMCOM)				419
31354	Advanced Skills Trainee Barracks	32,000	32,000	C	421
59507	Modified Record Fire Range	3,600	3,600	C	424
69417	Training Battalion Complex	66,000	66,000	N	427
72369	Infiltration Course	1,900	1,900	N	431
	Subtotal Fort Jackson Part I	\$ 103,500	103,500		
	* TOTAL MCA FOR South Carolina	\$ 125,300	125,300		

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1.COMONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Charleston Naval Weapons Sta South Carolina				4.PROJECT TITLE Staging Area		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  852	7.PROJECT NUMBER  60092		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>						2,939
Staging Area Hardstand		m2 (SY)	44,515 ( 53,240)		61.82	(2,752)
Security Guard House		m2 (SF)	44.13 ( 475)		3,874	(171)
SDD and EPAct05		LS	--		--	(3)
Antiterrorism Measures		LS	--		--	(3)
Building Information Systems		LS	--		--	(10)
<u>SUPPORTING FACILITIES</u>						607
Electric Service		LS	--		--	(45)
Water, Sewer, Gas		LS	--		--	(4)
Paving, Walks, Curbs & Gutters		LS	--		--	(100)
Storm Drainage		LS	--		--	(20)
Site Imp( 380) Demo( )		LS	--		--	(380)
Information Systems		LS	--		--	(58)
ESTIMATED CONTRACT COST						3,546
CONTINGENCY (5.00%)						177
SUBTOTAL						3,723
SUPV, INSP & OVERHEAD (5.70%)						212
DESIGN/BUILD - DESIGN COST						149
TOTAL REQUEST						4,084
TOTAL REQUEST (ROUNDED)						4,100
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Construct a deployment staging area. Project includes staging area hardstand, security and area lighting, security guard house, lightning protection, and security fencing. Supporting facilities include electric service, fiber optics for communications and security systems, fire protection, road widening and realignment, and site clearing for fencing and lighting. Anti-terrorism/force protection (AT/FP) measures will include siting distances, barriers, duress alarm, and installation of security camera systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included.						
11. REQ:		44,515 m2	ADQT: NONE		SUBSTD:	44,515 m2
PROJECT: Construct a deployment staging area at Charleston Naval Weapons Station, South Carolina. (Current Mission)						
REQUIREMENT: This project is required to provide a lighted, safe, and secure deployment staging area with weather resistant surface for military equipment and material to be easily staged and segregated in conformance with the vessel upload plans or port clearance plans. Moreover, this project is required to provide a well lit, fenced, and all weather hardstand deployment staging area for safe, secure, and efficient operations during both surge and sustainment						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Charleston Naval Weapons Sta, South Carolina		
4. PROJECT TITLE  Staging Area	5. PROJECT NUMBER  60092	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>deployments of contingency task force and Reserve Component troop units. The project will support the war fighters during major surge and sustainment deployments of contingency task force and reserve component troop units as well as enhance the Strategic Mobility Program and force projection. The project would reduce the necessity of utilizing commercial ports with their low security and high cost.</p> <p><u>CURRENT SITUATION:</u> The current deployment staging area in the Transportation Command (TC) Dock basin is the hub of the entire port operation. The deployment staging area surface is stabilized limestone. The limestone surface is uneven with no markings. The surface deteriorates under use by tracked vehicles increasing vehicle and staging area maintenance cost. This surface is muddy when wet and extremely dusty in dry weather. There is no permanent lighting and fencing for safe, secure, and efficient operations at night. The deployment staging area access road, Basin Road, is too narrow at curves for safe two-way semi-truck traffic. The temporary security guard house on site does not meet the current AT/FP requirements for duress alarm, vehicle restriction, or vehicle/personnel identification. Experiences during the Global War on Terrorism deployment and current Operational Plans (OPLANS) indicate that troop units deploying from TC Dock deployment staging area cannot always meet critical port call times which delay the execution of strategic mobility and other operational plans, and result in units being redirected to commercial ports.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, 841st Transportation Battalion will be unable to effectively meet its deployment mission in support of the Army Power Projection concept. The current limestone deployment staging area surface will continue to deteriorate as well as continue to be a health hazard to both government and civilian employees from inhaled dust. Lack of a well lit, fenced crushed aggregate hardstand staging area for tracked vehicles increases vehicle and staging area maintenance costs as well as safety risks and decreases operational efficiency.</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>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Charleston Naval Weapons Sta, South Carolina

4. PROJECT TITLE  Staging Area	5. PROJECT NUMBER  60092
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 110
  - (b) All Other Design Costs..... 102
  - (c) Total Design Cost..... 212
  - (d) Contract..... 130
  - (e) In-house..... 82
  
- (4) Construction Contract Award..... DEC 2009
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... MAR 2011

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: Kimberly Garber  
Phone Number: 834-743-0383 X112

1. COMPONENT		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY				12 MAY 2009	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Charleston Naval Weapons Sta South Carolina			Railroad Tracks		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
72896A	860	61492	Auth	12,000	
			Approp	12,000	
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,852
Railroad Tracks/Ties & Ballast	m (LF)	3,475 ( 11,400)		1,487	(5,168)
Staging/Marshalling Area	m2 (SY)	10,870 ( 13,000)		106.02	(1,152)
Service Road	m2 (SY)	5,776 ( 6,908)		17.57	(101)
Side Loading Pads	m2 (SY)	19,356 ( 23,150)		101.54	(1,965)
Loading Ramps	EA	3 --		97,990	(294)
Antiterrorism Measures	LS	--		--	(172)
<u>SUPPORTING FACILITIES</u>					1,632
Electric Service	LS	--		--	(543)
Water, Sewer, Gas	LS	--		--	(44)
Paving, Walks, Curbs & Gutters	LS	--		--	(77)
Storm Drainage	LS	--		--	(225)
Site Imp( 610) Demo( )	LS	--		--	(610)
Antiterrorism Measures	LS	--		--	(133)
ESTIMATED CONTRACT COST					10,484
CONTINGENCY (5.00%)					524
SUBTOTAL					11,008
SUPV, INSP & OVERHEAD (5.70%)					627
DESIGN/BUILD - DESIGN COST					440
TOTAL REQUEST					12,075
TOTAL REQUEST (ROUNDED)					12,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct seven (7) additional rail spurs, three (3) with end-loading ramps, lighting, side loading pads for cranes, and staging hardstands. Supporting facilities includes exterior lighting, communications relocation, curb and gutters, storm drainage, mitigation of wetland area, grading, and wetland area stabilization. Antiterrorism/force protection (AT/FP) measures will include siting distances, berms, and security lighting.					
11. REQ: 4,374 m ADQT: 899 m SUBSTD: NONE					
PROJECT: Construct rail spurs with end-loading ramps at Charleston Naval Weapons Station, South Carolina. (Current Mission)					
REQUIREMENT: This project is required to provide adequate rail capability during both surge and sustainment deployments for contingency task force and Reserve Component troop units to meet 841st Transportation Battalion (TB) deployment mission requirements. Charleston is the only common user/general cargo port on a military installation in the tri-state region of South Carolina, Georgia, and Florida. New rail spurs will provide capacity to receive, store, load and ship 120 railcars per day and stage vehicles or major end items. The additional rail spurs and ramps enables Charleston, an					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Charleston Naval Weapons Sta, South Carolina		
4. PROJECT TITLE  Railroad Tracks	5. PROJECT NUMBER  61492	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>essential element of the Army Power Projection Program, to safely and efficiently ship and receive military cargo in sufficient quantity to support US and Allied forces engaged in both surge and sustainment deployments for contingency operations. Design will allow installation storage of loaded railcars increasing security while reducing cost to deploying units. Major traffic arteries will remain open.</p> <p><u>CURRENT SITUATION:</u> Current rail and hardstand infrastructure is not capable of receiving and loading the necessary amount of railcars. Therefore the installation can only receive and load fewer railcars per day than needed. Existing major installation roadways must be shut down because equipment is parked, inspected, and loaded on these surfaces. Trainloads of cargo must be stored at unsecured locations off the installation. The 841st Transportation Battalion currently relies on the good will and availability of facilities from the local commercial rail companies to meet port calls which has resulted in the past in situations where unit equipment cannot be shipped in conjunction with vehicles, causing major disruption, confusion, and delays at deployment destinations. Were a deployment required now, the situation would be worse than normal operation, due to increased deployment density and deterioration of existing facilities. As experienced during Global War on Terrorism and current Operation Plans (OPLANS), troop units deploying from Charleston cannot always meet critical port call times, which delays the execution of strategic mobility and other operational plans, when units must be redirected to commercial ports.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, 841st TB will be unable to effectively meet its deployment mission in support of the Army Power Projection Program. The lack of adequate rail facilities to quickly load or offload deployment ships delays clearance of installation berths resulting in necessity of utilizing commercial ports with their low security and high cost, which results in less security and higher cost to deploying units. Major installation roadways will continue to be shut down.</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>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Charleston Naval Weapons Sta, South Carolina

4. PROJECT TITLE  Railroad Tracks	5. PROJECT NUMBER  61492
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- |  |                 |
|--|-----------------|
| (a) Date Design Started.....                         | <u>APR 2008</u> |
| (b) Percent Complete As Of January 2009.....         | <u>15.00</u>    |
| (c) Date 35% Designed.....                           | <u>FEB 2010</u> |
| (d) Date Design Complete.....                        | <u>MAY 2010</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: NO

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

- |   |            |
|---|------------|
| (a) Production of Plans and Specifications..... | <u>275</u> |
| (b) All Other Design Costs.....                 | <u>165</u> |
| (c) Total Design Cost.....                      | <u>440</u> |
| (d) Contract.....                               | <u>275</u> |
| (e) In-house.....                               | <u>165</u> |

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

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

(6) Construction Completion..... MAR 2011

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: Kimberly Garber

Phone Number: 834-743-0383 X112

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Charleston Naval Weapons Sta South Carolina				4. PROJECT TITLE Pier and Loading/Unloading Ramps		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 151	7. PROJECT NUMBER 61493		8. PROJECT COST (\$000) Auth 5,700 Approp 5,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,539
Expansion of Pier		m/B (FB)	146.30 ( 480)		23,872	(3,493)
Loading/Unloading Ramps		LS	--		--	(999)
Antiterrorism Measures		LS	--		--	(47)
<u>SUPPORTING FACILITIES</u>						372
Electric Service		LS	--		--	(41)
Site Imp( 273) Demo( )		LS	--		--	(273)
Antiterrorism Measures		LS	--		--	(58)
ESTIMATED CONTRACT COST						4,911
CONTINGENCY (5.00%)						246
SUBTOTAL						5,157
SUPV, INSP & OVERHEAD (5.70%)						294
DESIGN/BUILD - DESIGN COST						206
TOTAL REQUEST						5,657
TOTAL REQUEST (ROUNDED)						5,700
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct an additional length of finger pier, provide north and south end-loading ramps with pile foundation and lightning protection. Supporting facilities include electric service, mitigation of wetland area, grading, and wetland area stabilization. Anti-terrorism/force protection (AT/FP) measures will include siting distances, berms, and security lighting.						
11. REQ: 5,046 m/B ADQT: 4,741 m/B SUBSTD: NONE						
PROJECT: Construct additional length of pier, provide north and south end-loading ramps at Charleston Naval Weapons Station, South Carolina. (Current Mission)						
REQUIREMENT: This project is required to provide an additional length of pier and end-loading ramps for loading and offloading of containers and equipment from larger, newer ships and is necessary for safe, secure, and efficient operations during both surge and sustainment deployments for contingency task force and Reserve Component troop units to meet the Transportation Battalion (TB) deployment mission requirements. Charleston is the only common user/general cargo dock on a military installation in the tri-state region of South Carolina, Georgia, and Florida. The pier expansion						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Charleston Naval Weapons Sta, South Carolina		
4. PROJECT TITLE  Pier and Loading/Unloading Ramps	5. PROJECT NUMBER  61493	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>will increase productivity, efficiency, and reduce the time for loading/offloading cargo, vehicles, helicopters, etc. in a safe and efficient manner. It will also allow the berthing of larger, newer ships and use of all loading ramps increasing the capacity of the pier and enhancing the Army Power Projection Program. Project would reduce necessity of utilizing commercial ports with their low security and high cost, resulting in increased security while reducing cost to deploying units.</p> <p><u>CURRENT SITUATION:</u> Current pier does not have the required length to accommodate the loading and offloading of larger, newer ships. The Transportation Battalion currently relies on the good will and availability of facilities from the local commercial pier to meet port calls which has resulted in the past in situations where unit equipment cannot be shipped in conjunction with vehicles, causing major disruption, confusion, and delays at deployment destinations. Were a deployment required now, the situation would be worse than normal operation, due to increased deployment density and deterioration of existing facilities. As experienced during the Global War on Terrorism and current Operational Plans (OPLANs), troop units deploying from Charleston cannot always meet critical port call times, which delays the execution of strategic mobility and other operational plans, when units must be redirected to commercial ports.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Transportation Battalion will be unable to effectively meet its deployment mission in support of the Army Power Projection Program. The lack of a adequate pier length to quickly load or offload deployment cargo for larger, newer ships delays clearance of installation berths resulting in the necessity of utilizing commercial ports with their low security and high cost, which results in less security and higher cost to deploying units. Limited loading/offloading facilities require excessive amounts of additional time and man-hours to safely and efficiently ship and receive military cargo in sufficient quantity to support US and Allied forces engaged in the current overseas contingency operations and current Operation Plans (OPLANs).</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>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Charleston Naval Weapons Sta, South Carolina

4. PROJECT TITLE  Pier and Loading/Unloading Ramps	5. PROJECT NUMBER  61493
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... MAR 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 129
  - (b) All Other Design Costs..... 77
  - (c) Total Design Cost..... 206
  - (d) Contract..... 129
  - (e) In-house..... 77
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... APR 2010
  
- (6) Construction Completion..... MAR 2011

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>
NONE			

Installation Engineer: Kimberly Garber  
Phone Number: 834-743-0383 X112

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Jackson South Carolina				4.PROJECT TITLE Advanced Skills Trainee Barracks		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 31354		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>						23,480
Transient Barracks		m2 (SF)	12,649 ( 136,152)		1,732	(21,910)
EMCS Connection		LS	--		--	(223)
SDD and EPAct05		LS	--		--	(437)
Antiterrorism Measures		LS	--		--	(437)
Building Information Systems		LS	--		--	(473)
<u>SUPPORTING FACILITIES</u>						4,678
Electric Service		LS	--		--	(466)
Water, Sewer, Gas		LS	--		--	(326)
Steam And/Or Chilled Water Dist		LS	--		--	(391)
Paving, Walks, Curbs & Gutters		LS	--		--	(799)
Storm Drainage		LS	--		--	(803)
Site Imp( 971) Demo( 426)		LS	--		--	(1,397)
Information Systems		LS	--		--	(402)
Antiterrorism Measures		LS	--		--	(94)
ESTIMATED CONTRACT COST						28,158
CONTINGENCY (5.00%)						1,408
SUBTOTAL						29,566
SUPV, INSP & OVERHEAD (5.70%)						1,685
DESIGN/BUILD - DESIGN COST						1,183
TOTAL REQUEST						32,434
TOTAL REQUEST (ROUNDED)						32,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct Drill Sergeant School (DSS) Barracks. Project will provide connection to energy monitoring and control system (EMCS), fire/smoke detection/enunciation/suppression systems, building information systems and connections to the installation central systems. Supporting facilities include connection to all required utilities (electricity, water, sanitary sewer and natural gas), storm drainage, lightning protection, walks, curbs & gutters, parking, signage, street lighting, fencing, exterior information systems, hardstand & drilling pad, and other site improvements. Heating and air-conditioning will be provided by connection to the existing Central Energy Plant. Antiterrorism (AT) measures include exterior security lighting, landscaping, bollards, laminated glass windows, mass notification systems, structural enhancements, and standard setback/standoff distances from parking areas, roads, and facilities. 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 included. Demolish 32 Buildings (TOTAL 7,915 m2/85,200 SF). Air Conditioning (Estimated 528 kW <sub>r</sub> /150 Tons).						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Advanced Skills Trainee Barracks	5. PROJECT NUMBER  31354
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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 Bragg
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |       |
|---|-------|
| (a) Production of Plans and Specifications..... | 739   |
| (b) All Other Design Costs.....                 | 443   |
| (c) Total Design Cost.....                      | 1,182 |
| (d) Contract.....                               | 739   |
| (e) In-house.....                               | 443   |
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... AUG 2011

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: Doug Burchet  
Phone Number: 803-751-2719

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina			4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 59507	8. PROJECT COST (\$000) Auth 3,600 Approp 3,600		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,839
Modified Record Fire Range		FP	16 --	133,235	(2,132)
Control Tower		m2 (SF)	23.78 ( 256)	2,431	(58)
Range Operations & Storage		m2 (SF)	74.32 ( 800)	1,901	(141)
Latrine		m2 (SF)	18.58 ( 200)	2,932	(54)
Bleacher Enclosure		m2 (SF)	74.69 ( 804)	1,861	(139)
Total from Continuation page					(315)
<u>SUPPORTING FACILITIES</u>					402
Electric Service		LS	--	--	(205)
Paving, Walks, Curbs & Gutters		LS	--	--	(42)
Storm Drainage		LS	--	--	(138)
Information Systems		LS	--	--	(17)
ESTIMATED CONTRACT COST					3,241
CONTINGENCY (5.00%)					162
SUBTOTAL					3,403
SUPV, INSP & OVERHEAD (5.70%)					194
TOTAL REQUEST					3,597
TOTAL REQUEST (ROUNDED)					3,600
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Modified Record Fire (MRF) Range. Primary facilities include the MRF range, control tower, operations and storage building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, classroom building, and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service, paving, storm drainage, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Air Conditioning (Estimated 28 kW/8 Tons).					
11. REQ: 32 FP ADQT: NONE SUBSTD: 16 FP					
PROJECT: Construct a standard design Modified Record Fire (MRF) Range at Fort Jackson, South Carolina. (Current Mission)					
REQUIREMENT: This project is required to support two-company per day Initial Entry Training (IET)/One Station Unit Training (OSUT) Basic Rifle Marksmanship (BRM) Program of Instruction (POI). This project will meet all requirements for position width and distance without any waivers required. This project supports the requirement for increased training capacity.					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  59507
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Mess	m2 (SF)	131.27 ( 1,413)	889.43	(117)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)	1,910	(21)
Classroom Building	m2 (SF)	74.32 ( 800)	2,084	(155)
SDD and EPAct05	LS	--	--	(7)
Antiterrorism Measures	LS	--	--	(7)
Building Information Systems	LS	--	--	(8)
			Total	315

CURRENT SITUATION: Fort Jackson is the home of the largest Army IET Training Center and is responsible for the preponderance of IET training. Fort Jackson trains 42,000 IET Soldiers per year. Existing Range #14 is not a standard Army range design. This project upgrades the existing range to current Army standards.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Jackson will not be able to fully support increased training requirements to standards.

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..... APR 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... SEP 2009
    - (e) Parametric Cost Estimating Used to Develop Costs YES
    - (f) Type of Design Contract: Design-bid-build
  - (2) Basis:

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  59507
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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 Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	170
(b) All Other Design Costs.....	140
(c) Total Design Cost.....	310
(d) Contract.....	170
(e) In-house.....	140
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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>
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NA

Installation Engineer: Doug Burchet  
Phone Number: 803-751-2719

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina				4. PROJECT TITLE Training Battalion Complex		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 722	7. PROJECT NUMBER 69417		8. PROJECT COST (\$000) Auth 66,000 Approp 66,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						45,641
Dining Facility		m2 (SF)	11,592 ( 124,780)		2,547	(29,525)
Conversion to Org Classrooms		m2 (SF)	10,405 ( 112,000)		978.55	(10,182)
Renovate/Expand Battalion HQs		m2 (SF)	1,423 ( 15,312)		1,860	(2,646)
Hazardous Material Abatement		LS	--		--	(1,111)
IDS Installation		LS	--		--	(25)
Total from Continuation page						(2,152)
<u>SUPPORTING FACILITIES</u>						12,010
Electric Service		LS	--		--	(6,882)
Water, Sewer, Gas		LS	--		--	(278)
Steam And/Or Chilled Water Dist		LS	--		--	(1,184)
Paving, Walks, Curbs & Gutters		LS	--		--	(795)
Storm Drainage		LS	--		--	(182)
Site Imp( 2,051) Demo( )		LS	--		--	(2,051)
Information Systems		LS	--		--	(434)
Antiterrorism Measures		LS	--		--	(204)
ESTIMATED CONTRACT COST						57,651
CONTINGENCY (5.00%)						2,883
SUBTOTAL						60,534
SUPV, INSP & OVERHEAD (5.70%)						3,450
DESIGN/BUILD - DESIGN COST						2,421
TOTAL REQUEST						66,405
TOTAL REQUEST (ROUNDED)						66,000
INSTALLED EQT-OTHER APPROP						(2,212)
10. Description of Proposed Construction Construct standard design dining facilities for four battalion size, Basic Combat Trainee (BCT) Complexes. Convert existing, undersized dining facility space inside each of these four trainee barracks to Organizational Classroom space. The existing Battalion Headquarters located inside each of the four barracks will be renovated and expanded. All hazardous materials identified in the conversion and renovation of interior space (asbestos, lead-based paint) will be abated. Swing space will be provided for units displaced by construction. Project will include installation of an Intrusion Detection System (IDS) and connection to Energy Monitoring and Control Systems (EMCS). Supporting facilities include electrical, water, sewer, natural gas, security lighting, exterior communications, fire protection, storm sewer system & detention, road striping, curb & gutter, sidewalks, site preparation, erosion control/grassing, landscaping, and signage. Access for individuals with disabilities will be provided. Provide Anti-Terrorism (AT) and Force Protection (FP) measures to include fencing, bollards, necessary setback distances from adjacent buildings, roads, and parking. Comprehensive building and furnishings related interior design services are required. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) will be provided. Air Conditioning (Estimated						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Training Battalion Complex	5. PROJECT NUMBER  69417
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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	--	--	(69)
SDD and EPAct05	LS	--	--	(852)
Antiterrorism Measures	LS	--	--	(852)
Building Information Systems	LS	--	--	(379)
			Total	2,152

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
2,110 kW/600 Tons).

11. REQ: 33,754 m2 ADQT: NONE SUBSTD: 34,044 m2

PROJECT: Construct two battalion dining facilities to support Initial Entry Training at Fort Jackson, South Carolina. (New Mission).

REQUIREMENT: In support of the Grow the Army initiative, this project is required to bring the four trainee barracks into compliance with the current Trainee Barracks Strategic Development Plan and Army standards. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project is required to provide adequate dining facility and classroom space for enlisted trainee personnel who have just entered the Army to become Infantry Soldiers.

CURRENT SITUATION: These existing trainee barracks were constructed in the 1970s. Each are occupied by one battalion each of Initial Entry Training (IET) Soldiers. Over the years, changes to the Army's training doctrine, as well as its "Grow the Army" implementation, have caused a much larger need for classroom instructional space than the two existing 200-person classrooms currently designed within each building. This additional classroom space requirement equates to approximately 28,000 square feet more per battalion. Additionally, the four existing dining facilities (23,369 SF each/93,476 SF total) located within each trainee barracks cannot be physically expanded to meet the much shorter feeding times for the trainees and also cannot accommodate the much newer and modern dining facility equipment being used in newer facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, Initial Entry Trainees (IET)/Basic Combat Trainees (BCT) will continue to use dining facilities and conduct training classes in instructional facilities that are inadequate in condition and undersized in capacity.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
3.INSTALLATION AND LOCATION  Fort Jackson, South Carolina		
4.PROJECT TITLE  Training Battalion Complex	5.PROJECT NUMBER  69417	
<p>ADDITIONAL: (CONTINUED)</p> <p>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:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>APR 2008</u>
(b) Percent Complete As Of January 2009.....		<u>15.00</u>
(c) Date 35% Designed.....		<u>FEB 2010</u>
(d) Date Design Complete.....		<u>MAY 2010</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 Bragg		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>1,513</u>
(b) All Other Design Costs.....		<u>908</u>
(c) Total Design Cost.....		<u>2,421</u>
(d) Contract.....		<u>1,513</u>
(e) In-house.....		<u>908</u>
(4) Construction Contract Award.....		
JAN 2010		
(5) Construction Start.....		
MAR 2010		
(6) Construction Completion.....		
MAR 2012		

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Jackson, South Carolina

4. PROJECT TITLE Training Battalion Complex	5. PROJECT NUMBER 69417
--	----------------------------

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>
DFAC Equipment	OPA	2010	1,796
Info Sys - ISC	OPA	2011	416
		TOTAL	<u>2,212</u>

Installation Engineer: Doug Burchett  
Phone Number: 803-751-2719

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Jackson South Carolina				4. PROJECT TITLE Infiltration Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72369		8. PROJECT COST (\$000) Auth 1,900 Approp 1,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,432
Infiltration Course		FP	1 --		906,370	(906)
Range Operations & Storage Bldg		m2 (SF)	74.32 ( 800)		1,901	(141)
Control Tower		m2 (SF)	23.78 ( 256)		2,431	(58)
Bleacher Enclosure		m2 (SF)	74.69 ( 804)		1,861	(139)
Covered Mess		m2 (SF)	131.27 ( 1,413)		889.43	(117)
Total from Continuation page						(71)
<u>SUPPORTING FACILITIES</u>						299
Electric Service		LS	--		--	(63)
Paving, Walks, Curbs & Gutters		LS	--		--	(88)
Storm Drainage		LS	--		--	(82)
Information Systems		LS	--		--	(66)
ESTIMATED CONTRACT COST						1,731
CONTINGENCY (5.00%)						87
SUBTOTAL						1,818
SUPV, INSP & OVERHEAD (5.70%)						104
TOTAL REQUEST						1,922
TOTAL REQUEST (ROUNDED)						1,900
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a Night Infiltration Course (NIC). Primary facilities include the infiltration course, operations and storage building, control tower, bleacher enclosure, covered mess, latrine, and building information systems. Antiterrorism protection measures will be provided. Supporting facilities include electric service, paving, storm drainage, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 14 kW <sub>r</sub> /4 Tons).						
11. REQ: 1 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a Night Infiltration Course (NIC) at Fort Jackson, South Carolina. (New Mission)						
REQUIREMENT: The Basic Combat Training (BCT) mission at Fort Jackson requires Night Infiltration Training (NIT) facilities to support increased throughput.						
CURRENT SITUATION: Basic Combat Training is limited by not enough training lanes for the Soldier populations that are being served. Existing infiltration training does not support these training loads.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Infiltration Course	5. PROJECT NUMBER  72369
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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)	2,932	(54)
SDD and EPAct05	LS	--	--	(4)
Antiterrorism Measures	LS	--	--	(4)
Building Information Systems	LS	--	--	(9)
			Total	71

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be a required Night Infiltration Course (NIC) available at Fort Jackson, SC. This component of the Standard Instruction Model (SIM) will not be taught at the installation and new Soldiers entering the Army will be denied this 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 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 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... DEC 2008
  - (d) Date Design Complete..... SEP 2009
  - (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..... 12

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Infiltration Course	5. PROJECT NUMBER  72369
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	100
(c) Total Design Cost.....	112
(d) Contract.....	101
(e) In-house.....	11
(4) Construction Contract Award.....	FEB 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2010  
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)				437
55361	Vehicle Maintenance Shop	16,000	16,000	C	439
61588	Brigade Staging Area Complex	14,800	14,800	C	443
63879	Digital Multipurpose Range Complex	45,000	45,000	C	447
64608	Fire and Military Police Stations	16,500	16,500	C	451
64639	Aircraft Fuel Storage	10,800	10,800	N	455
71948	Vehicle Maintenance Shop	20,000	20,000	N	459
72161	Automated Sniper Field Fire Range	4,250	4,250	N	463
72163	Known Distance Range	4,750	4,750	N	466
72164	Automated Multipurpose Machine Gun Range	6,900	6,900	N	469
72165	Scout/RECCE Gunnery Complex	17,000	17,000	N	473
72167	Light Demolition Range	2,400	2,400	N	477
72168	Automated Infantry Platoon Battle Course	7,000	7,000	N	480
72169	Simulation Center	23,000	23,000	N	483
72665	Vehicle Maintenance & Company Ops Fac	31,000	31,000	N	487
	Subtotal Fort Bliss Part I	\$ 219,400	219,400		
	Fort Hood (IMCOM)				491
22772	Vehicle Maintenance Shop	23,000	23,000	C	493
57130	Urban Assault Course	2,400	2,400	C	497
71692	Automated Multipurpose Machine Gun Range	6,700	6,700	C	501
	Subtotal Fort Hood Part I	\$ 32,100	32,100		
	Fort Sam Houston (IMCOM)				505
64209	Access Control Point and Road Improvements	10,800	10,800	C	507
64221	General Instruction Building	9,000	9,000	C	511
	Subtotal Fort Sam Houston Part I	\$ 19,800	19,800		
	* TOTAL MCA FOR Texas	\$ 271,300	271,300		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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 31 OCT 2008	2240	14433 2301	234	2419	0	258 792 6952 29,629	
B. END FY 2015	4539	32619 2849	28	935	6	267 813 6190 48,246	
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.....						1,552,790	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						219,400	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT			COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE		
214	55361	Vehicle Maintenance Shop	16,000	04/2008	10/2009		
851	61588	Brigade Staging Area Complex	14,800	04/2008	05/2010		
178	63879	Digital Multipurpose Range Complex	45,000	11/2007	10/2009		
730	64608	Fire and Military Police Stations	16,500	04/2008	05/2010		
124	64639	Aircraft Fuel Storage	10,800	04/2008	05/2010		
214	71948	Vehicle Maintenance Shop	20,000	04/2008	05/2010		
178	72164	Automated Multipurpose Machine Gun Range	6,900	04/2008	08/2009		
178	72163	Known Distance Range	4,750	04/2008	12/2009		
178	72161	Automated Sniper Field Fire Range	4,250	08/2008	08/2009		
178	72168	Automated Infantry Platoon Battle Course	7,000	04/2008	09/2009		
178	72167	Light Demolition Range	2,400	04/2008	10/2009		
178	72165	Scout/RECCE Gunnery Complex	17,000	04/2008	09/2009		
172	72169	Simulation Center	23,000	04/2008	07/2009		
214	72665	Vehicle Maintenance & Company Ops Fac	31,000	07/2008	10/2009		
TOTAL			219,400				
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY			COST				
CODE	PROJECT TITLE		(\$000)				
A. REQUESTED IN THE FY 2011 PROGRAM:			TBD				
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):			TBD				
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			TBD				

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Bliss, Texas

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Bliss Texas				4.PROJECT TITLE Vehicle Maintenance Shop		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 214	7.PROJECT NUMBER 55361		8.PROJECT COST (\$000) Auth 16,000 Approp 16,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,459
Vehicle Maintenance Facility		m2 (SF)	3,279 (	35,290)	2,308	(7,568)
Organization Storage Building		m2 (SF)	520.26 (	5,600)	1,049	(546)
Oil Storage Building		m2 (SF)	100.34 (	1,080)	1,003	(101)
Hazardous Waste Storage Shed		m2 (SF)	11.15 (	120)	524.04	(6)
Special Foundations		LS	--	--	--	(379)
Total from Continuation page						(2,859)
<u>SUPPORTING FACILITIES</u>						3,031
Electric Service		LS	--	--	--	(495)
Water, Sewer, Gas		LS	--	--	--	(276)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(283)
Storm Drainage		LS	--	--	--	(174)
Site Imp( 1,336) Demo( 221)		LS	--	--	--	(1,557)
Information Systems		LS	--	--	--	(174)
Antiterrorism Measures		LS	--	--	--	(72)
ESTIMATED CONTRACT COST						14,490
CONTINGENCY (5.00%)						725
SUBTOTAL						15,215
SUPV, INSP & OVERHEAD (5.70%)						867
TOTAL REQUEST						16,082
TOTAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Construct a standard-design tactical equipment maintenance complex to include vehicle maintenance facility, hazard material waste storage shed, an oil storage building, and organizational vehicle parking. The vehicle maintenance shop will contain maintenance pits, overhead crane, compressed air, Petroleum, Oils and Lubricants (POL), distribution system, vehicle exhaust system and special foundations. Provide security vault, connection to Energy Monitoring and Control Systems (EMCS), installation of Intrusion Detection Systems (IDS) and building information systems. Supporting facilities include electrical, water, sewer, gas, paving, walks, curbs and gutters, parking, storm drainage, landscaping, site improvements and information systems. Accessibility for individuals with disabilities will be provided on the first floor of the administrative area of the vehicle maintenance facility. Anti-terrorism/Force Protection measures include perimeter lighting, new perimeter fence, bollards, vehicle and personnel gates and laminated glass. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Heating will be by self contained units. Demolition includes hazardous material abatement. Comprehensive building and furnishings related interior design services are required. Demolish 11 Buildings (TOTAL 6,934 m2/74,639 SF). Air Conditioning (Estimated 109 kW/31 Tons).						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Bliss, Texas

4. PROJECT TITLE	5. PROJECT NUMBER
Vehicle Maintenance Shop	55361

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking	m2 (SY)	19,641 ( 23,490)	125.95	(2,474)
IDS Installation	LS	--	--	(10)
EMCS Connections	LS	--	--	(15)
SDD and EPAct05	LS	--	--	(151)
Antiterrorism Measures	LS	--	--	(162)
Building Information Systems	LS	--	--	(47)
			Total	2,859

11. REQ: 106,200 m2 ADQT: 60,174 m2 SUBSTD: 10,104 m2  
PROJECT: Construct a standard-design Vehicle Maintenance Shop at Fort Bliss, Texas. (Current Mission)

REQUIREMENT: This project is required to provide adequate organizational maintenance facilities for an Air Defense Artillery (ADA) Brigade to support the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).

CURRENT SITUATION: There are no adequate existing facilities available for use by the unit. The existing facilities are General Item Repair Instructional buildings that are being diverted as tactical equipment shops. They are unsafe, substandard, and have had no major renovations since the were built in the late 1950's. The facilities do not meet current Occupational, Safety and Health Association (OSHA) requirements. They are badly deteriorated, cannot be adequately heated or cooled, and are energy inefficient. Because of the inadequate bay size a considerable amount of maintenance is being performed outside, subjecting both equipment and personnel to adverse outside elements such as the frequent windy and blowing sand/dust conditions common in this area. Lifting of heavy parts and engines is done with portable hoists, which does not provide a safe work environment.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be no adequate maintenance facilities for use by the ADA Brigade. Equipment maintenance for the unit will continue to be performed in inefficient and unsafe facilities, degrading vehicle maintenance quality and unit readiness. Soldiers will be working on vehicles in unhealthy, constricted areas with poor ventilation or exposed to outside elements.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Fort Bliss, Texas																								
4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  55361																							
<p>ADDITIONAL: (CONTINUED)</p> <p>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. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>APR 2008</td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2009</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2009</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Adapt-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 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>228</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>228</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>456</td> </tr> <tr> <td>(d) Contract.....</td> <td>228</td> </tr> <tr> <td>(e) In-house.....</td> <td>228</td> </tr> </table> <p>(4) Construction Contract Award..... JAN 2010</p> <p>(5) Construction Start..... APR 2010</p> <p>(6) Construction Completion..... JUN 2011</p>			(a) Date Design Started.....	APR 2008	(b) Percent Complete As Of January 2009.....	35.00	(c) Date 35% Designed.....	JAN 2009	(d) Date Design Complete.....	OCT 2009	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Adapt-Build		(a) Production of Plans and Specifications.....	228	(b) All Other Design Costs.....	228	(c) Total Design Cost.....	456	(d) Contract.....	228	(e) In-house.....	228
(a) Date Design Started.....	APR 2008																							
(b) Percent Complete As Of January 2009.....	35.00																							
(c) Date 35% Designed.....	JAN 2009																							
(d) Date Design Complete.....	OCT 2009																							
(e) Parametric Cost Estimating Used to Develop Costs	YES																							
(f) Type of Design Contract: Adapt-Build																								
(a) Production of Plans and Specifications.....	228																							
(b) All Other Design Costs.....	228																							
(c) Total Design Cost.....	456																							
(d) Contract.....	228																							
(e) In-house.....	228																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  55361
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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>
NA			

Installation Engineer: David Shafii  
Phone Number: 915 568-6200

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Brigade Staging Area Complex		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 851	7. PROJECT NUMBER 61588		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>						9,995
Staging Area for Combat Vehicle		m2 (SY)	22,297 (	26,667)	79.33	(1,769)
Inspection		m2 (SF)	1,115 (	12,000)	526.25	(587)
Administrative Facility		m2 (SF)	368.82 (	3,970)	2,647	(976)
Personnel Shelters		m2 (SF)	47.57 (	512)	540.11	(26)
Flammable Material Storage		m2 (SF)	23.78 (	256)	2,131	(51)
Total from Continuation page						(6,586)
<u>SUPPORTING FACILITIES</u>						2,911
Electric Service		LS	--	--	--	(669)
Water, Sewer, Gas		LS	--	--	--	(330)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(155)
Storm Drainage		LS	--	--	--	(227)
Site Imp( 1,336) Demo( )		LS	--	--	--	(1,336)
Information Systems		LS	--	--	--	(96)
Antiterrorism Measures		LS	--	--	--	(98)
ESTIMATED CONTRACT COST						12,906
CONTINGENCY (5.00%)						645
SUBTOTAL						13,551
SUPV, INSP & OVERHEAD (5.70%)						772
DESIGN/BUILD - DESIGN COST						542
TOTAL REQUEST						14,865
TOTAL REQUEST (ROUNDED)						14,800
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a Brigade Staging Area Complex to include an administration operations building, two troop personnel shelters, tactical vehicle parking, an all-weather tank access trail, small wash rack, defueling area, an inspection shed, two vehicle scales, waste water treatment plant, flammable material storage, intrusion detection system (IDS) installation, connections to energy monitoring and control system (EMCS) and utility distributions lines. Include Information Systems and Mass Notification. Supporting facilities include utilities, electric service, landscaping, site improvements and information systems. Accessibility for individuals with disabilities will be provided. Anti-terrorism/Force Protection measure includes stand off distance, laminated glass and security lighting. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Air Conditioning (Estimated 35 kW/10 Tons).						
11. REQ:		1,574,895 m2	ADQT: 758,020 m2		SUBSTD: 805,419 m2	
PROJECT: Construct a Brigade Staging Area Complex with secure parking at Fort Bliss, Texas. (Current mission)						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Bliss, Texas

4. PROJECT TITLE	5. PROJECT NUMBER
Brigade Staging Area Complex	61588

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Waste Water Treatment Plant	EA	1 --	312,269	(312)
Scales	EA	2 --	269,049	(538)
Wash Station	m2 (SF)	743.22 ( 8,000)	443.37	(330)
Electrical Distribution Lines	km (MI)	3.22 ( 2)	341,976	(1,101)
Water Distribution Lines	km (MI)	3.22 ( 2)	176,929	(570)
Tank Trail	km (MI)	2.57 ( 1.60)	758,512	(1,949)
Tactical Vehicle Parking	m2 (SY)	20,903 ( 25,000)	52.34	(1,094)
Defueling Area	m2 (SF)	418.06 ( 4,500)	702.89	(294)
IDS Installation	LS	--	--	(302)
EMCS Connections	LS	--	--	(30)
SDD and EPAct05	LS	--	--	(20)
Antiterrorism Measures	LS	--	--	(20)
Building Information Systems	LS	--	--	(26)
			Total	6,586

REQUIREMENT: This project is required to provide a vehicle deployment processing center for military vehicles and equipment for deployment by air, rail, or land. This project supports the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project will provide a final processing site for conducting pre-joint inspection prior to rail or air deployments. This complex is required to control the movement of vehicles and equipment through the deployment process and interface with the installation personnel. A defueling station for correcting the fuel level for air or sea shipment is needed and a small wash station for removing any dirt. The complex is used as an assembly and inspection area for unit movement deployments or for movement to the National Training Center. Units preparing for movement will have to undergo an extensive cleaning process prior to loading for shipment. Vehicles marshalled in the complex 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 unimproved roads by clean vehicles results in dust buildup. During dry weather, the area is swept with blowing sand and the hot Texas sun. This buildup must be removed at the assembly area before departure. This process is a drain on scarce manpower needed for other duties prior to departure. Fort Bliss supports the deployment of Air Defense units and Brigade and Division-size units in the Army which supports all Combatant Commanders. In addition, this installation is responsible for the rapid deployment of Heavy Brigade Combat Teams (HBCT) on short-notice operations.

CURRENT SITUATION: This installation is a major Mobilization Station having

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Brigade Staging Area Complex	5. PROJECT NUMBER  61588
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CURRENT SITUATION: (CONTINUED)  
mobilized, deployed, and demobilized 121,619 reserve component Soldiers in troop units since 9/11. Fort Bliss will continue to be a mobilization station into the future and will support the Modularized Army and the Army Force Generation (ARFORGEN). This project supports current Operation Plans (OPLANs) and future Global Defense Posture Realignment (GDPR), Modularity, emerging requirements and safety requirements.

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 requirements. Additional cleaning of vehicles will be required at the loading site to meet requirements for shipment.

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 2009.....	15.00
(c) Date 35% Designed.....	FEB 2010
(d) Date Design Complete.....	MAY 2010
(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.....	338
(b) All Other Design Costs.....	202
(c) Total Design Cost.....	540
(d) Contract.....	338

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Brigade Staging Area Complex	5. PROJECT NUMBER  61588
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house.....	202
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Digital Multipurpose Range Complex		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 63879		8. PROJECT COST (\$000) Auth 45,000 Approp 45,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						40,518
Digital Air/Ground Integration		LN	2	--	18914649	(37,829)
Urban Operations Structures		EA	1	--	619,376	(619)
Observation Tower		m2 (SF)	26.20	( 282)	2,894	(76)
Ammo Loading/Unloading Platform		m2 (SF)	26.20	( 282)	1,873	(49)
Instrument Load/Unload Platform		m2 (SF)	74.32	( 800)	1,873	(139)
Total from Continuation page						(1,806)
<u>SUPPORTING FACILITIES</u>						118
Electric Service		LS	--	--	--	(54)
Information Systems		LS	--	--	--	(64)
ESTIMATED CONTRACT COST						40,636
CONTINGENCY (5.00%)						2,032
SUBTOTAL						42,668
SUPV, INSP & OVERHEAD (5.70%)						2,432
TOTAL REQUEST						45,100
TOTAL REQUEST (ROUNDED)						45,000
INSTALLED EQT-OTHER APPROP						(24,309)
10. Description of Proposed Construction Construct a standard design Digital Air-Ground Integration Range (DAGIR). Primary facilities are located within the perimeter of the range complex and include the DAGIR, urban operations structures, observation tower, ammo loading/unloading platform, instrumentation loading/unloading platform, range operations and control area, range operations center, operations/storage building, covered mess, after action review building, bivouac/unit staging 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 and information systems. Antiterrorism/force protection measures are included. Air Conditioning (Estimated 53 kW <sub>r</sub> /15 Tons).						
11. REQ:		5 LN	ADQT:		NONE	SUBSTD:
PROJECT:		Construct a Digital Air-Ground Integration Range (DAGIR) at Fort Bliss, Texas. (Current Mission)				
REQUIREMENT:		This project is associated with global defense posture changes. This DAGIR is required to provide digitally enhanced combat platforms with all the constituent elements featured in Force XXI (digital) warfighting operations to the Soldiers and other active Army units, Reserve and National Guard that train at Fort Bliss. This range is required to provide extended				



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Digital Multipurpose Range Complex	5. PROJECT NUMBER  63879
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ADDITIONAL: (CONTINUED)  
 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 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... OCT 2009
    - (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..... 2,150
    - (b) All Other Design Costs..... 1,650
    - (c) Total Design Cost..... 3,800
    - (d) Contract..... 3,150
    - (e) In-house..... 650
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... FEB 2010
  - (6) Construction Completion..... MAY 2012

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Bliss, Texas

4. PROJECT TITLE Digital Multipurpose Range Complex	5. PROJECT NUMBER 63879
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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 System	OPA	2010	24,188
Info Sys - ISC	OPA	2011	121
		TOTAL	<u>24,309</u>

Installation Engineer: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT <b>ARMY</b>		FY 2010 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>12 MAY 2009</b>	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Fire and Military Police Stations		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 730	7. PROJECT NUMBER 64608		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>						13,240
MP Station/Info Ops Center		m2 (SF)	3,254 ( 35,025)		2,698	(8,779)
Fire Station		m2 (SF)	1,208 ( 13,000)		2,688	(3,246)
Fire Dept Training Facility		m2 (SF)	408.77 ( 4,400)		1,097	(449)
Standby Generator		kWe (KW)	45 ( 45)		678.20	(31)
IDS Installation		LS	--		--	(66)
Total from Continuation page						(669)
<u>SUPPORTING FACILITIES</u>						879
Electric Service		LS	--		--	(255)
Water, Sewer, Gas		LS	--		--	(145)
Paving, Walks, Curbs & Gutters		LS	--		--	(104)
Storm Drainage		LS	--		--	(25)
Site Imp( 285) Demo( )		LS	--		--	(285)
Information Systems		LS	--		--	(48)
Antiterrorism Measures		LS	--		--	(17)
ESTIMATED CONTRACT COST						14,119
CONTINGENCY (5.00%)						706
SUBTOTAL						14,825
SUPV, INSP & OVERHEAD (5.70%)						845
DESIGN/BUILD - DESIGN COST						593
TOTAL REQUEST						16,263
TOTAL REQUEST (ROUNDED)						16,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct a Fire Station/Military Police Station/Information Operations Center (IOC). Project will include a fire department training facility, antiterrorism measures, intrusion detection system (IDS) installation, Energy Monitoring and Control System connections, standby generator, and building information systems. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; fencing; paving, walks, curbs and gutters; storm drainage; information systems; landscaping and site improvements. Anti-terrorism/force protection (AT/FP) measures will include siting distances, maintaining appropriate vehicle stand-off distances, security fencing, and anti-vehicular barriers. 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. Access for persons with disabilities will be provided. Air Conditioning (Estimated 457 kW <sub>r</sub> /130 Tons).						
11. REQ:		5,210 m2	ADQT:		1,957 m2	SUBSTD:                 NONE
PROJECT: Construct a Fire Station/Military Police Station at fort Bliss, Texas. (Current Mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Fire and Military Police Stations	5. PROJECT NUMBER  64608
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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.....	APR 2008
(b) Percent Complete As Of January 2009.....	25.00
(c) Date 35% Designed.....	FEB 2010
(d) Date Design Complete.....	MAY 2010
(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:  
Rock Island Arsenal

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

(a) Production of Plans and Specifications.....	269
(b) All Other Design Costs.....	258
(c) Total Design Cost.....	527
(d) Contract.....	269
(e) In-house.....	258

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

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

(6) Construction Completion..... SEP 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Fire and Military Police Stations	5. PROJECT NUMBER  64608
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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: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Aircraft Fuel Storage		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 124	7. PROJECT NUMBER 64639		8. PROJECT COST (\$000) Auth 10,800 Approp 10,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,894
CAB - Aviation Fuel Storage		L (GA)	1381675 ( 365,000)		1.72	(2,373)
Oro Grande Camp - Fuel Storage		L (GA)	276,335 ( 73,000)		2.39	(659)
Dona Ana Camp - Fuel Storage		L (GA)	246,052 ( 65,000)		2.36	(581)
CAB - Fuel Dispensing & Distrib		LS	--		--	(936)
Oro Grande Camp - Fuel Dispensi		LS	--		--	(838)
Total from Continuation page						(1,507)
<u>SUPPORTING FACILITIES</u>						2,815
Electric Service		LS	--		--	(385)
Water, Sewer, Gas		LS	--		--	(256)
Paving, Walks, Curbs & Gutters		LS	--		--	(948)
Storm Drainage		LS	--		--	(87)
Site Imp( 592) Demo( )		LS	--		--	(592)
Information Systems		LS	--		--	(217)
Antiterrorism Measures		LS	--		--	(330)
ESTIMATED CONTRACT COST						9,709
CONTINGENCY (5.00%)						485
SUBTOTAL						10,194
SUPV, INSP & OVERHEAD (5.70%)						581
TOTAL REQUEST						10,775
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a new bulk fuel storage facility at Biggs Army Airfield (Biggs AAF), new bulk storage and retail distribution facility at Orogrande Range Camp, and expand the existing bulk and retail fuel facilities at Dona Ana Range Camp. Project will include bulk storage consisting of three 120,000 gallon tanks for Jet Fuel-8 (JP8) and one 5,000 gallon tank for waste fuel collection at Biggs AAF; one 50,000 gallon tank for JP8 and one 3,000 gallon tank for waste fuel collection, one 12,000 gallon tank for JP8 retail storage, retail dispensing and appurtenances at Dona Ana Range Camp; and bulk storage of one 50,000 gallon tank for JP8 and one 3,000 gallon tank for waste fuel collection, retail storage of one 20,000 gallon tank for JP8 and retail dispensing and other appurtenances at Orogrande Range Camp. All tanks will be above ground and require loading and unloading areas, containment berm, pumps, filters, valves, meters, and waste collection. Administration buildings will be provided at each location. Fire protection systems will be provided. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities for all areas include utilities, electrical service, water, sewer, gas, paving, walks, curbs and gutters, storm drainage, landscaping, and site improvements. Heating and cooling of administrative areas will be provided by self-contained units. Anti-terrorism/force protection measures will be						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Aircraft Fuel Storage	5. PROJECT NUMBER  64639
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Dona Ana Camp - Fuel Dispensing	LS	--	--	(817)
Administration Building	m2 (SF)	111.48 (	1,200)	2,925 (326)
Fuel Area Hardstand	m2 (SF)	1,590 (	17,116)	189.81 (302)
SDD and EPAct05	LS	--	--	(15)
Antiterrorism Measures	LS	--	--	(33)
Building Information Systems	LS	--	--	(14)
			Total	1,507

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
provided and will include perimeter fencing with lighting. Access for persons with disabilities will be provided. Lightning protection systems will be provided. Air Conditioning (Estimated 11 kW/3 Tons).

11. REQ: 3,653 L/d ADQT: NONE SUBSTD: NONE  
PROJECT: Construct and expand bulk fuel storage for tactical vehicles and aircraft at Fort Bliss, Texas. (New Mission)  
REQUIREMENT: This project is required to support the troop increase requested by the Secretary of Defense as part of the Grow the Army (GTA) initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project provides logistical support to two training ranges and one Combat Aviation Brigade.  
CURRENT SITUATION: Adequate existing Fueling Facility and fuel bulk storage are not available at Biggs Army Air Field (AAF), Orogrande Range, and Dona Ana Range to support current operations as well as the Grow the Army initiative.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTA initiative. The installation will be unable to properly fuel and store fuel that is required for aviation and land vehicle training 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 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.COMONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  12 MAY 2009
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3.INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4.PROJECT TITLE  Aircraft Fuel Storage	5.PROJECT NUMBER  64639
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ADDITIONAL: (CONTINUED)  
Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... APR 2008
    - (b) Percent Complete As Of January 2009..... 15.00
    - (c) Date 35% Designed..... FEB 2010
    - (d) Date Design Complete..... MAY 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..... 509
    - (b) All Other Design Costs..... 300
    - (c) Total Design Cost..... 809
    - (d) Contract..... 509
    - (e) In-house..... 300
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Aircraft Fuel Storage	5. PROJECT NUMBER  64639
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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>
NA			

Installation Engineer: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT <b>ARMY</b>		FY 2010      MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 214	7. PROJECT NUMBER 71948		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>						16,030
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		3,660	(11,999)
Organizational Vehicle Parking		m2 (SF)	26,305 ( 283,140)		105.27	(2,769)
Organizational Storage Facility		m2 (SF)	130.06 ( 1,400)		1,238	(161)
Training Pad		m2 (SF)	6,564 ( 70,650)		105.27	(691)
IDS Installation		LS	--		--	(60)
Total from Continuation page						(350)
<u>SUPPORTING FACILITIES</u>						1,756
Electric Service		LS	--		--	(260)
Water, Sewer, Gas		LS	--		--	(220)
Paving, Walks, Curbs & Gutters		LS	--		--	(350)
Site Imp( 385) Demo( 250)		LS	--		--	(635)
Information Systems		LS	--		--	(151)
Antiterrorism Measures		LS	--		--	(140)
ESTIMATED CONTRACT COST						17,786
CONTINGENCY (5.00%)						889
SUBTOTAL						18,675
SUPV, INSP & OVERHEAD (5.70%)						1,064
DESIGN/BUILD - DESIGN COST						747
TOTAL REQUEST						20,486
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct a standard design Vehicle Maintenance facility to support the stationing of a Joint Land Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Battery. Primary facilities include Vehicle Maintenance Shop, Organizational Vehicle Parking, Organizational Storage Facility and a Training Pad. Supporting facilities include utilities; security lighting; fire protection and alarm systems; paving, walks, curb and surface gutter; storm drainage; information systems; site preparation and landscaping. Antiterrorism/Force Protection measures include perimeter lighting, laminated glass, stand off distances. Heating and air conditioning will be by self-contained units. Provide Energy Management Control System (EMCS) connection and installation of Intrusion Detection System (IDS). 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. Demolish 6 Buildings (TOTAL 1,987 m2/21,388 SF). Air Conditioning (Estimated 190 kW <sub>r</sub> /54 Tons).						
11. REQ:		106,200 m2	ADQT:	60,174 m2	SUBSTD:	10,104 m2
PROJECT: Construct vehicle maintenance facilities to station a Joint Land						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  71948
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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	--	--	(65)
SDD and EPAct05	LS	--	--	(90)
Antiterrorism Measures	LS	--	--	(35)
Building Information Systems	LS	--	--	(160)
			Total	350

PROJECT: (CONTINUED)

Attack Cruise Missile Defense Elevated Netted Sensor System (JLENS) Battery at Fort Bliss, Texas. (New Mission)

REQUIREMENT: This project will provide facilities to station the first JLENS Battery at Fort Bliss to support the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). Soldiers will develop and maintain operational skills to conduct 360 degree aerial and ground surveillance to detect, track, identify, and classify low-flying, small signature land attack cruise missile and support Joint Theater Air and Missile Defense (JTAMD) engagements.

CURRENT SITUATION: The Army has decided to station a JLENS battery at Fort Bliss. This is a new mission and no excess vehicle maintenance facilities exist that could serve this mission.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the JLENS Stationing 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. 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Fort Bliss, Texas																								
4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  71948																							
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>APR 2008</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td><u>15.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>FEB 2010</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>MAY 2010</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: 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><u>450</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>270</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>720</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>450</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>270</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2010</u></p> <p>(5) Construction Start..... <u>MAR 2010</u></p> <p>(6) Construction Completion..... <u>SEP 2011</u></p>			(a) Date Design Started.....	<u>APR 2008</u>	(b) Percent Complete As Of January 2009.....	<u>15.00</u>	(c) Date 35% Designed.....	<u>FEB 2010</u>	(d) Date Design Complete.....	<u>MAY 2010</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>450</u>	(b) All Other Design Costs.....	<u>270</u>	(c) Total Design Cost.....	<u>720</u>	(d) Contract.....	<u>450</u>	(e) In-house.....	<u>270</u>
(a) Date Design Started.....	<u>APR 2008</u>																							
(b) Percent Complete As Of January 2009.....	<u>15.00</u>																							
(c) Date 35% Designed.....	<u>FEB 2010</u>																							
(d) Date Design Complete.....	<u>MAY 2010</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>450</u>																							
(b) All Other Design Costs.....	<u>270</u>																							
(c) Total Design Cost.....	<u>720</u>																							
(d) Contract.....	<u>450</u>																							
(e) In-house.....	<u>270</u>																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  71948
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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>
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NA

Installation Engineer: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Automated Sniper Field Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72161		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>						3,305
Sniper Field Fire Range		FP	4 --		573,738	(2,295)
Range Operations & Storage		m2 (SF)	74.32 ( 800)		2,307	(171)
Classroom Building		m2 (SF)	74.32 ( 800)		2,529	(188)
Range Operations Tower		m2 (SF)	23.78 ( 256)		2,951	(70)
Ammo Breakdown Building		m2 (SF)	11.15 ( 120)		2,317	(26)
Total from Continuation page						(555)
<u>SUPPORTING FACILITIES</u>						545
Electric Service		LS	--		--	(182)
Site Imp( 209) Demo( )		LS	--		--	(209)
Information Systems		LS	--		--	(133)
Antiterrorism Measures		LS	--		--	(21)
ESTIMATED CONTRACT COST						3,850
CONTINGENCY (5.00%)						193
SUBTOTAL						4,043
SUPV, INSP & OVERHEAD (5.70%)						230
TOTAL REQUEST						4,273
TOTAL REQUEST (ROUNDED)						4,250
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Automated Sniper Field Fire Range. Primary facilities include the automated sniper field fire range, classroom building, operations and storage building, range operations tower, ammunition breakdown building, latrine, range operations and control area, bleacher enclosure, covered mess, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Supporting facilities include electric service, site improvements, antiterrorism protection measures, and information systems. Air Conditioning (Estimated 28 kW/8 Tons).						
11. REQ:		4 FP	ADQT: NONE		SUBSTD:	1 FP
PROJECT: Construct a standard design Automated Sniper Field Fire Range at Fort Bliss, Texas. (New Mission)						
REQUIREMENT: This project is required to meet Grow The Army live-fire training and qualification requirements. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This range accommodates and facilitates the requirements of weapons qualification in such a manner that it maximizes efficiencies of time, terrain, and unit management. Fort Bliss tenant units, all attached and assigned sub-units will be training on this range.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Automated Sniper Field Fire Range	5. PROJECT NUMBER  72161
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Field Range Latrine	m2 (SF)	18.58 ( 200)	3,559	(66)
Bleacher Enclosure	EA	536 --	106.38	(57)
Covered Mess	m2 (SF)	74.32 ( 800)	1,140	(85)
Range Operations Control Area	EA	1 --	243,774	(244)
SDD and EPAct05	LS	--	--	(9)
Building Information Systems	LS	--	--	(94)
			Total	555

CURRENT SITUATION: 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. Existing ranges do not provide modernized targetry, scoring or sniper distance engagements to support current Army training standards.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bliss 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.....	AUG 2008
(b) Percent Complete As Of January 2009.....	35.00
(c) Date 35% Designed.....	JAN 2009
(d) Date Design Complete.....	AUG 2009
(e) Parametric Cost Estimating Used to Develop Costs	YES

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Automated Sniper Field Fire Range	5. PROJECT NUMBER  72161
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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.....	135
(b) All Other Design Costs.....	108
(c) Total Design Cost.....	243
(d) Contract.....	135
(e) In-house.....	108
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... APR 2010
  - (6) Construction Completion..... APR 2011

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: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Known Distance Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72163	8. PROJECT COST (\$000) Auth 4,750 Approp 4,750		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,775
Known Distance (KD) Range	FP	32 --		92,247	(2,952)
Classroom Building	m2 (SF)	74.32 ( 800)		2,433	(181)
Range Operations & Storage	m2 (SF)	74.32 ( 800)		1,765	(131)
Range Control Tower	m2 (SF)	23.78 ( 256)		2,935	(70)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)		2,317	(26)
Total from Continuation page					(415)
<u>SUPPORTING FACILITIES</u>					527
Electric Service	LS	--		--	(177)
Site Imp( 217) Demo( )	LS	--		--	(217)
Information Systems	LS	--		--	(133)
ESTIMATED CONTRACT COST					4,302
CONTINGENCY (5.00%)					215
SUBTOTAL					4,517
SUPV, INSP & OVERHEAD (5.70%)					257
TOTAL REQUEST					4,774
TOTAL REQUEST (ROUNDED)					4,750
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Known Distance (KD) Range. Primary facilities include the KD range, classroom building, range operations and storage building, control tower, ammo breakdown building, vault latrine, range operation control area, bleacher enclosure and covered mess. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Antiterrorism protection measures will be included. Supporting facilities include electric service and information systems. Air Conditioning (Estimated 28 kW/8 Tons).					
11. REQ:	32 FP	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct a standard design Known Distance (KD) Range at Fort Bliss, Texas. (New Mission)					
REQUIREMENT: This range project supports the Grow the Army initiative and is designed for training advanced rifle marksmanship and target engagement techniques with immediate downrange feedback. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This range is used to train and familiarize Soldiers on the skills necessary to identify, calculate distance, engage, and hit targets in a static array with small arms weapons systems out to 1,000 meters. It is also used for squad-designated marksmanship (SDM) training and certification. Additional					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Known Distance Range	5. PROJECT NUMBER  72163
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine - Aerated Vault	m2 (SF)	18.58 ( 200)	3,559	(66)
Range Operation Control Area	EA	1 --	116,455	(116)
Bleacher Enclosure	m2 (SF)	49.80 ( 536)	904.10	(45)
Covered Mess	m2 (SF)	74.32 ( 800)	1,140	(85)
SDD and EPAct05	LS	--	--	(8)
Building Information Systems	LS	--	--	(95)
			Total	415

REQUIREMENT: (CONTINUED)  
Grow The Army unit stationing generates need for a Known Distance range.  
CURRENT SITUATION: There are no existing Known Distance ranges supporting individual weapons at Fort Bliss.  
IMPACT IF NOT PROVIDED: If this project is not provided, Grow The Army Soldiers will not be able to perform individual weapons marksmanship certifications based on 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 2009..... 35.00

(c) Date 35% Designed..... JAN 2009

(d) Date Design Complete..... DEC 2009

(e) Parametric Cost Estimating Used to Develop Costs YES

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

(2) Basis:

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Bliss, Texas

4. PROJECT TITLE Known Distance Range	5. PROJECT NUMBER 72163
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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.....	208
(b) All Other Design Costs.....	166
(c) Total Design Cost.....	374
(d) Contract.....	208
(e) In-house.....	166
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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 N. Shafii  
Phone Number: 915.568.6200

1. COMPONENT <b>ARMY</b>		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
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 72164		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>						5,440
Multipurpose Machine Gun Range		FP	10	--	460,946	(4,609)
Range Control Tower		m2 (SF)	23.78	( 256)	2,934	(70)
Range Operations and Storage		m2 (SF)	74.32	( 800)	2,302	(171)
Bleacher Enclosure		EA	536	--	84.00	(45)
Ammo Breakdown Building		m2 (SF)	11.15	( 120)	2,314	(26)
Total from Continuation page						(519)
<u>SUPPORTING FACILITIES</u>						762
Electric Service		LS	--	--	--	(140)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(23)
Storm Drainage		LS	--	--	--	(58)
Site Imp( 358) Demo( )		LS	--	--	--	(358)
Information Systems		LS	--	--	--	(183)
ESTIMATED CONTRACT COST						6,202
CONTINGENCY (5.00%)						310
SUBTOTAL						6,512
SUPV, INSP & OVERHEAD (5.70%)						371
TOTAL REQUEST						6,883
TOTAL REQUEST (ROUNDED)						6,900
INSTALLED EQT-OTHER APPROP						(2,106)
10. Description of Proposed Construction Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, site development, classroom building, ammunition breakdown building, bleacher enclosure, range operations tower, range operations and storage building, latrine, covered mess, range operations control area, and building information systems. Supporting facilities include electric service, paving, 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 <sub>r</sub> /5 Tons).						
11. REQ:		70 FP ADQT:		20 FP SUBSTD:		10 FP
PROJECT: Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range at Fort Bliss, Texas. (New Mission)						
REQUIREMENT: This project is required to support the Grow the Army initiative and 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 project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This range satisfies the training and qualification requirements of light and heavy machine guns. Combat and combat support units require training proficiency in						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort Bliss, Texas

4. PROJECT TITLE	5. PROJECT NUMBER
Automated Multipurpose Machine Gun Range	72164

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine - Aerated Vault	m2 (SF)	18.58 ( 200)	3,552	(66)
Covered Mess	m2 (SF)	74.32 ( 800)	1,140	(85)
Classroom Building	m2 (SF)	74.32 ( 800)	2,422	(180)
Range Operations Control Area	FP	1 --	165,724	(166)
SDD and EPAct05	LS	--	--	(8)
Building Information Systems	LS	--	--	(14)
			Total	519

REQUIREMENT: (CONTINUED)

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.

CURRENT SITUATION: Currently Fort Bliss 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 areas. 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 Bliss, 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER  72164
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... APR 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... AUG 2009
    - (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..... 328
    - (b) All Other Design Costs..... 262
    - (c) Total Design Cost..... 590
    - (d) Contract..... 328
    - (e) In-house..... 262
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER  72164
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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>
Targetery System	OPA	2010	2,100
Info Sys - ISC	OPA	2011	6
		TOTAL	<u>2,106</u>

Installation Engineer: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
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 72165		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>						14,357
Scout/RECCE Gunnery Complex		LN	1 --		13064813	(13,065)
Range Operations & Storage		m2 (SF)	74.32 ( 800)		2,302	(171)
After Action Review Building		m2 (SF)	107.02 ( 1,152)		2,410	(258)
Range Operations Center		m2 (SF)	74.32 ( 800)		2,302	(171)
Ammunition Loading Dock		EA	1 --		98,417	(98)
Total from Continuation page						(594)
<u>SUPPORTING FACILITIES</u>						1,128
Electric Service		LS	--		--	(200)
Site Imp( 860) Demo( )		LS	--		--	(860)
Information Systems		LS	--		--	(11)
Antiterrorism Measures		LS	--		--	(57)
ESTIMATED CONTRACT COST						15,485
CONTINGENCY (5.00%)						774
SUBTOTAL						16,259
SUPV, INSP & OVERHEAD (5.70%)						927
TOTAL REQUEST						17,186
TOTAL REQUEST (ROUNDED)						17,000
INSTALLED EQT-OTHER APPROP						(5,000)
10. Description of Proposed Construction Construct a standard design Scout and Reconnaissance Crew Engagement (RECCE) Gunnery Complex Range consisting of one lane with two course roads with cross over capability. Primary facilities include the Scout/RECCE Gunnery Complex, range operations and control area, range operations center, after action review building, operations & storage building, latrine, covered mess, ammunition loading dock, unit staging area, bleacher enclosure, and building information systems. Supporting facilities for the project include electric service, site improvement, and information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 42 kW <sub>r</sub> /12 Tons).						
11. REQ:		6 LN	ADQT: NONE		SUBSTD: NONE	NONE
PROJECT: Construct a standard design Scout/RECCE Gunnery Complex at Fort Bliss, Texas. (New Mission)						
REQUIREMENT: The Scout RECCE Range is required to support the Grow the Army initiative and to provide digitally enhanced combat platforms with all constituent elements featured in Force XXI, (digital) war fighting operations to the Soldiers of active Army Units, Reserve and National Guard units that train at Fort Bliss, Texas. This project directly supports the Army's approved						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Scout/RECCE Gunnery Complex	5. PROJECT NUMBER  72165
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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..... APR 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... SEP 2009
    - (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..... 722
    - (b) All Other Design Costs..... 577
    - (c) Total Design Cost..... 1,299
    - (d) Contract..... 722
    - (e) In-house..... 577
  
  - (4) Construction Contract Award..... JAN 2010
  
  - (5) Construction Start..... MAR 2010
  
  - (6) Construction Completion..... MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Scout/RECCE Gunnery Complex	5. PROJECT NUMBER  72165
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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	2010	5,000
		TOTAL	<u>5,000</u>

Installation Engineer: David N. Shafii  
Phone Number: 915.568.6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Light Demolition Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 72167		8. PROJECT COST (\$000) Auth 2,400 Approp 2,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,683
Light Demolition Range		SN	6 --		269,434	(1,617)
Latrine - Aerated Vault		m2 (SF)	18.58 ( 200)		3,552	(66)
<u>SUPPORTING FACILITIES</u>						470
Electric Service		LS	--		--	(181)
Site Imp( 289) Demo( )		LS	--		--	(289)
ESTIMATED CONTRACT COST						2,153
CONTINGENCY (5.00%)						108
SUBTOTAL						2,261
SUPV, INSP & OVERHEAD (5.70%)						129
TOTAL REQUEST						2,390
TOTAL REQUEST (ROUNDED)						2,400
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 and latrine. Support facilities include electric service and site improvements.						
11. REQ: 18 SN ADQT: 5 SN SUBSTD: NONE						
PROJECT: Construct a standard design Light Demolition Range Complex w/Breach (LDRC) at Fort Bliss, Texas. (New Mission)						
REQUIREMENT: This project is required to provide explosive ordnance and combat engineering demolition training for Grow The Army units. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). 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.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Light Demolition Range	5. PROJECT NUMBER  72167
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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 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..... APR 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 100
  - (b) All Other Design Costs..... 80
  - (c) Total Design Cost..... 180
  - (d) Contract..... 100
  - (e) In-house..... 80
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... MAR 2010

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  Fort Bliss, Texas
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4. PROJECT TITLE  Light Demolition Range	5. PROJECT NUMBER  72167
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
(6) Construction Completion..... MAR 2011

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>	Fiscal Year <u>Appropriated</u> <u>Or Requested</u>	Cost <u>(\$000)</u>
NONE			

Installation Engineer: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Automated Infantry Platoon Battle Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 72168	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>					5,820
Infantry Platoon Battle Course		FP	7 --	659,560	(4,617)
Helicopter Landing Zones		EA	2 --	125,980	(252)
Range Operations Tower		m2 (SF)	23.78 ( 256)	2,934	(70)
Range Operations & Storage		m2 (SF)	74.32 ( 800)	2,304	(171)
Latrine - Aerated Vault		m2 (SF)	18.58 ( 200)	3,553	(66)
Total from Continuation page					(644)
<u>SUPPORTING FACILITIES</u>					511
Electric Service		LS	--	--	(127)
Site Imp( 348) Demo( )		LS	--	--	(348)
Information Systems		LS	--	--	(24)
Antiterrorism Measures		LS	--	--	(12)
ESTIMATED CONTRACT COST					6,331
CONTINGENCY (5.00%)					317
SUBTOTAL					6,648
SUPV, INSP & OVERHEAD (5.70%)					379
TOTAL REQUEST					7,027
TOTAL REQUEST (ROUNDED)					7,000
INSTALLED EQT-OTHER APPROP					(1,607)
10. Description of Proposed Construction Construct a standard design Automated Infantry Platoon Battle Course. Primary facilities include the Infantry Platoon Battle Course, the helicopter landing zones, range operations tower, range operations/storage building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, classroom building, range operations control 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 (EPA05) features will be provided. Air Conditioning (Estimated 18 kW/5 Tons).					
11. REQ: 7 SN ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a standard design Automated Infantry Platoon Battle Course at Fort Bliss, Texas. (New Mission)					
REQUIREMENT: This project is required to train and test Grow The Army 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. Requirement supports the stationing of Brigade Combat Teams as directed by Grow the Army. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Automated Infantry Platoon Battle Course	5. PROJECT NUMBER  72168
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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)	1,140	(85)
Bleacher Enclosure	m2 (SF)	49.80 ( 536)	904.10	(45)
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)	2,317	(26)
Classroom Building	m2 (SF)	74.32 ( 800)	2,525	(188)
Range Operations Control Area	EA	1 --	278,741	(279)
SDD and EPAct05	LS	--	--	(9)
Building Information Systems	LS	--	--	(12)
			Total	644

CURRENT SITUATION: Fort Bliss does not have this type of training facility.  
IMPACT IF NOT PROVIDED: If this project is not provided, 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.....	APR 2008
(b) Percent Complete As Of January 2009.....	35.00
(c) Date 35% Designed.....	JAN 2009
(d) Date Design Complete.....	SEP 2009
(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:

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Automated Infantry Platoon Battle Course	5. PROJECT NUMBER  72168
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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.....	233
(b) All Other Design Costs.....	186
(c) Total Design Cost.....	419
(d) Contract.....	233
(e) In-house.....	186
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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 Systems	OPA	2010	1,600
Info Sys - ISC	OPA	2011	7
		TOTAL	1,607

Installation Engineer: David N. Shafii  
Phone Number: 915.568.6200

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Simulation Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 172	7. PROJECT NUMBER 72169		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>						18,796
Battle Command Training Center		m2 (SF)	5,606 ( 60,342)		2,962	(16,603)
Access Control Facility		m2 (SF)	11.15 ( 120)		4,456	(50)
Tactical Operations Pad		m2 (SY)	3,612 ( 4,320)		143.89	(520)
Antenna Tower		m (FT)	15.24 ( 50)		18,832	(287)
IDS Installation		LS	--		--	(40)
Total from Continuation page						(1,296)
<u>SUPPORTING FACILITIES</u>						1,601
Electric Service		LS	--		--	(221)
Water, Sewer, Gas		LS	--		--	(63)
Paving, Walks, Curbs & Gutters		LS	--		--	(594)
Storm Drainage		LS	--		--	(121)
Site Imp( 403) Demo( )		LS	--		--	(403)
Information Systems		LS	--		--	(186)
Antiterrorism Measures		LS	--		--	(13)
ESTIMATED CONTRACT COST						20,397
CONTINGENCY (5.00%)						1,020
SUBTOTAL						21,417
SUPV, INSP & OVERHEAD (5.70%)						1,221
TOTAL REQUEST						22,638
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						(4,785)
10. Description of Proposed Construction Construct a standard design Battle Command Training Center Addition. Primary facility is the Battle Command Training Center. The Center will include: after action review theaters and studios, multi purpose classrooms, general purpose administration, special storage, secure storage and open bay tactical vehicle operations areas. Exterior primary areas include: tactical vehicle operation pads, access control building and tactical communication tower. Work will include building information systems, energy monitoring and control system (EMCS) connections, intrusion detection system (IDS) installation, fire/smoke detection and alarm system and connections to installation central systems. Fire suppression system will be provided. Force protection measures include blast resistant glazing, reinforced window frames, secure mounting of overhead architectural and mechanical features, air intakes above roofline, and an emergency air distribution shutoff. Support facilities include electric service, water, paving, storm drainage, site improvements, and information systems. Force protection support facilities include standoff distance, exterior lighting, and landscaping barriers. Heating and air conditioning will be provided by self-contained units. Access for individuals with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Sustainable Design and Development (SDD) and						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Simulation Center	5. PROJECT NUMBER  72169
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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	--	--	(81)
SDD and EPAct05	LS	--	--	(332)
Antiterrorism Measures	LS	--	--	(325)
Building Information Systems	LS	--	--	(558)
			Total	1,296

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 739 kW/210 Tons).

11. REQ: 13,525 m2 ADQT: 7,914 m2 SUBSTD: NONE  
PROJECT: Construct a standard Battle Command Training Center Addition at Fort Bliss, Texas. (New Mission)  
REQUIREMENT: This project is required to support battle staff training and constructive simulations for additional units of Grow The Army. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). The facility is required to support the 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 the battalion, brigade and at the division level. Size and complexity of battle command training and simulations have increased significantly. Corps Battle Simulation (CBS) supports Division Level Exercises. The open bay area will support tactical vehicles arrayed in tactical operations to integrate onboard systems.  
CURRENT SITUATION: Current Battle Simulation training does not support expanded training needs for battle command and increased simulations and communication events. Present training limits the integration of tactical vehicles and equipment and does not provide a platform for weapon simulations via Engagements Skills Trainer.  
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bliss will not have adequate battle command training and simulation enhanced facilities. The quality of battle command simulation exercises 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. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Simulation Center	5. PROJECT NUMBER  72169
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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..... APR 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... JUL 2009
  - (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)
  - (a) Production of Plans and Specifications..... 943
  - (b) All Other Design Costs..... 754
  - (c) Total Design Cost..... 1,697
  - (d) Contract..... 943
  - (e) In-house..... 754
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... APR 2010
  
- (6) Construction Completion..... OCT 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Simulation Center	5. PROJECT NUMBER  72169
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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>
Instrumentation Systems	OPA	2010	4,243
Info Sys - ISC	OPA	2011	542
		TOTAL	<u>4,785</u>

Installation Engineer: David Shafii  
Phone Number: 915-568-6200

1. COMPONENT <b>ARMY</b>		FY 2010 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE <b>12 MAY 2009</b>		
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Vehicle Maintenance & Company Ops Fac			
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 214	7. PROJECT NUMBER 72665		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>						20,330	
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		2,518	(8,255)	
Organizational Vehicle Parking		m2 (SY)	55,933 ( 66,895)		111.11	(6,215)	
Oil Storage Building		m2 (SF)	105.91 ( 1,140)		1,022	(108)	
Company Operations Facilities		m2 (SF)	1,554 ( 16,723)		2,099	(3,261)	
Covered Hardstand		m2 (SF)	216.28 ( 2,328)		468.23	(101)	
Total from Continuation page						(2,390)	
<u>SUPPORTING FACILITIES</u>						7,213	
Electric Service		LS	--		--	(812)	
Water, Sewer, Gas		LS	--		--	(982)	
Steam And/Or Chilled Water Dist		LS	--		--	(279)	
Paving, Walks, Curbs & Gutters		LS	--		--	(2,928)	
Storm Drainage		LS	--		--	(334)	
Site Imp( 1,563) Demo(        )		LS	--		--	(1,563)	
Antiterrorism Measures		LS	--		--	(315)	
ESTIMATED CONTRACT COST						27,543	
CONTINGENCY (5.00%)						1,377	
SUBTOTAL						28,920	
SUPV, INSP & OVERHEAD (5.70%)						1,648	
TOTAL REQUEST						30,568	
TOTAL REQUEST (ROUNDED)						31,000	
INSTALLED EQT-OTHER APPROP						(0)	
10. Description of Proposed Construction      Construct standard design facilities for a Terminal High Altitude Area Defense (THAAD) Battery. Project includes company operations with covered hardstand, and vehicle maintenance shop. Primary facilities also include organizational vehicle parking, organizational storage, oil storage, fire protection and fire alarm systems, mass notification system, installation of intrusion detection system (IDS), energy monitoring and control systems (EMCS) connections. Special foundations are required. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; storm drainage; information systems; road and tank trail construction; landscape and site improvements. antiterrorism/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 (EPA05) features will be included. Air Conditioning (Estimated 134 kW/38 Tons).							
11. REQ:		106,200 m2	ADQT:		60,174 m2	SUBSTD:	10,104 m2
PROJECT: Construct standard design maintenance and operational facilities for							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Vehicle Maintenance & Company Ops Fac	5. PROJECT NUMBER  72665
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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)	845.42 ( 9,100)	1,462	(1,236)
Special Foundations	LS	--	--	(695)
IDS Installation	LS	--	--	(28)
EMCS Connection	LS	--	--	(55)
SDD and EPAct05	LS	--	--	(188)
Antiterrorism Measures	LS	--	--	(188)
			Total	2,390

PROJECT: (CONTINUED)

a THAAD Battery at Fort Bliss, Texas. (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 directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). This project supports the THAAD Battery unit to be stationed at Fort Bliss as part of the increase in permanent end strength of the Army.

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: This 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. 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>JUL 2008</u>
(b) Percent Complete As Of January 2009.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2009</u>
(d) Date Design Complete.....	<u>OCT 2009</u>

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Vehicle Maintenance & Company Ops Fac	5. PROJECT NUMBER  72665
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ NO
  - (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..... | 620 |
| (b) All Other Design Costs.....                 | 310 |
| (c) Total Design Cost.....                      | 930 |
| (d) Contract.....                               | 620 |
| (e) In-house.....                               | 310 |
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (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: David Shafii  
Phone Number: 915-568-6200

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
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 31 OCT 2008	6192	45174	3530	3	550	0	134 1705 13524 70,812
B. END FY 2015	5333	38200	4042	0	335	0	162 1812 13523 63,407
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.....						1,077,785	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						32,100	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
214	22772	Vehicle Maintenance Shop				23,000	09/2006 10/2009
178	57130	Urban Assault Course				2,400	01/2008 09/2009
178	71692	Automated Multipurpose Machine Gun Range				6,700	04/2008 09/2009
					TOTAL	32,100	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. REQUESTED IN THE FY 2011 PROGRAM:						TBD	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):						TBD	
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						TBD	
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 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Hood, Texas

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Hood Texas				4.PROJECT TITLE Vehicle Maintenance Shop		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 214	7.PROJECT NUMBER 22772		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>						16,359
Vehicle Maintenance Shop		m2 (SF)	5,298 ( 57,031)		1,838	(9,739)
Organizational Vehicle Parking		m2 (SY)	34,252 ( 40,965)		72.21	(2,473)
Deployment Equipment Storage		m2 (SF)	780.39 ( 8,400)		850.34	(664)
Oil Storage Building		m2 (SF)	139.35 ( 1,500)		813.56	(113)
Motor Pool Dispatch Building		m2 (SF)	14.86 ( 160)		1,030	(15)
Total from Continuation page						(3,355)
<u>SUPPORTING FACILITIES</u>						4,593
Electric Service		LS	--		--	(347)
Water, Sewer, Gas		LS	--		--	(699)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,654)
Storm Drainage		LS	--		--	(442)
Site Imp( 563) Demo( 588)		LS	--		--	(1,151)
Information Systems		LS	--		--	(249)
Antiterrorism Measures		LS	--		--	(51)
ESTIMATED CONTRACT COST						20,952
CONTINGENCY (5.00%)						1,048
SUBTOTAL						22,000
SUPV, INSP & OVERHEAD (5.70%)						1,254
TOTAL REQUEST						23,254
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard-design vehicle maintenance facility to include maintenance shop, oil and paint storage buildings, Unmanned Aerial Vehicle (UAV) maintenance building, deployment equipment storage, Motor Pool Dispatch building, hazardous material storage building, roadways, and organizational vehicle parking. Install an intrusion detection system (IDS) and connect to Energy Monitoring Control System (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm system; security fencing and lighting; paving, parking, walks, curbs and gutters; storm drainage; access roads with clear zone and gates; information systems; and site improvements. Access for persons with disabilities will be provided. Heating will be provided by self-contained units. Radiant heat will be provided in maintenance bay areas. Special foundation work is required due to expansive soils. Anti-terrorism (AT) measures include mass notification system, laminated glass, sentry stations, hardening of the doors, and traffic control barriers. 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 24 Buildings (TOTAL 7,805 m2/84,013 SF). Air Conditioning (Estimated 352 kWr/100 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  22772
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
UAV Maint,/Storage Facility	m2 (SF)	836.13 ( 9,000)	1,376	(1,150)
Hazardous Material Storage	m2 (SF)	11.15 ( 120)	1,216	(14)
Roadways	m2 (SY)	12,542 ( 15,000)	44.14	(554)
Special Foundations	LS	--	--	(936)
IDS Installation	LS	--	--	(6)
EMCS Connections	LS	--	--	(60)
SDD and EPAct05	LS	--	--	(233)
Antiterrorism Measures	LS	--	--	(233)
Building Information Systems	LS	--	--	(169)
			Total	3,355

11. REQ: 288,721 m2 ADQT: 153,839 m2 SUBSTD: 31,451 m2

PROJECT: Construct a standard-design vehicle maintenance shop and supporting facilities at Fort Hood, Texas. (Current Mission)

REQUIREMENT: This project is required to provide adequate maintenance facilities to support a Heavy Brigade Combat Team (HBCT) at Fort Hood, TX.

CURRENT SITUATION: Existing permanent tactical equipment shop buildings meet about half of the total requirements for tactical equipment shop space at Fort Hood. Consequently, existing permanent shops, designed to accommodate only one tactical unit, are occupied by two or more units. Adequate space, installed equipment such as overhead cranes, and the dimensions required to accommodate modern vehicles are lacking or deficient. These permanent assets are partially augmented by deteriorated World War II temporary facilities. These fall far short of current standards for health, safety, structural soundness, environmental compliance, and functional adequacy. No other facilities exist at Fort Hood to satisfy this requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, the unit will be forced to continue using already crowded maintenance facilities. Without adequate maintenance facilities, crowded conditions will continue to impair operational effectiveness and safety, reduce troop morale, and adversely affect mission accomplishment and the deployment readiness of units at Fort Hood.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  22772
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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 2006
(b) Percent Complete As Of January 2009.....	35.00
(c) Date 35% Designed.....	JAN 2009
(d) Date Design Complete.....	OCT 2009
(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.....	663
(b) All Other Design Costs.....	117
(c) Total Design Cost.....	780
(d) Contract.....	156
(e) In-house.....	624
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	FEB 2010
(6) Construction Completion.....	MAY 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  22772
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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>
NA			

Installation Engineer: Roderick Chisholm  
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 57130		8. PROJECT COST (\$000) Auth 2,400 Approp 2,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,931
Urban Assault Course		FP	5 --		294,698	(1,473)
Range Operations & Control Area		EA	1 --		53,175	(53)
Operations/Storage Building		m2 (SF)	74.32 ( 800)		1,918	(143)
Ammo Breakdown Building		m2 (SF)	22.30 ( 240)		1,926	(43)
Downrange Electrical		EA	1 --		200,164	(200)
Total from Continuation page						(19)
<u>SUPPORTING FACILITIES</u>						209
Electric Service		LS	--		--	(100)
Paving, Walks, Curbs & Gutters		LS	--		--	(24)
Storm Drainage		LS	--		--	(15)
Site Imp( 61) Demo( )		LS	--		--	(61)
Information Systems		LS	--		--	(5)
Antiterrorism Measures		LS	--		--	(4)
ESTIMATED CONTRACT COST						2,140
CONTINGENCY (5.00%)						107
SUBTOTAL						2,247
SUPV, INSP & OVERHEAD (5.70%)						128
TOTAL REQUEST						2,375
TOTAL REQUEST (ROUNDED)						2,400
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, operations and storage building, ammunition breakdown building, range operations and control area, downrange electrical, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPA05) features will be provided. Supporting facilities include electric service, service roads, site improvements and information systems. Antiterrorism measures will be provided. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		5 FP	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a standard design urban assault course at Fort Hood, 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 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 initial training. This training course and range will allow for both individual and						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Urban Assault Course	5. PROJECT NUMBER  57130
--	--------------------------------

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	--	--	(4)
Building Information Systems	LS	--	--	(12)
			Total	19

REQUIREMENT: (CONTINUED)  
collective hands-on training enhancing doctrinal understanding and skill development.

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. This training need is not fully met.

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 Hood. Successful planning and execution of specialized urban operations and breaches during combat operations training 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.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Fort Hood, Texas																								
4. PROJECT TITLE  Urban Assault Course	5. PROJECT NUMBER  57130																							
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>JAN 2008</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td><u>35.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>DEC 2008</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>SEP 2009</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: YES</p> <p>(b) Where Most Recently Used: Camp Bullis</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>86</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>414</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>500</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>209</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>291</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2010</u></p> <p>(5) Construction Start..... <u>MAR 2010</u></p> <p>(6) Construction Completion..... <u>MAR 2011</u></p>			(a) Date Design Started.....	<u>JAN 2008</u>	(b) Percent Complete As Of January 2009.....	<u>35.00</u>	(c) Date 35% Designed.....	<u>DEC 2008</u>	(d) Date Design Complete.....	<u>SEP 2009</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>86</u>	(b) All Other Design Costs.....	<u>414</u>	(c) Total Design Cost.....	<u>500</u>	(d) Contract.....	<u>209</u>	(e) In-house.....	<u>291</u>
(a) Date Design Started.....	<u>JAN 2008</u>																							
(b) Percent Complete As Of January 2009.....	<u>35.00</u>																							
(c) Date 35% Designed.....	<u>DEC 2008</u>																							
(d) Date Design Complete.....	<u>SEP 2009</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>86</u>																							
(b) All Other Design Costs.....	<u>414</u>																							
(c) Total Design Cost.....	<u>500</u>																							
(d) Contract.....	<u>209</u>																							
(e) In-house.....	<u>291</u>																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Urban Assault Course	5. PROJECT NUMBER  57130
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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>
NA			

Installation Engineer: Roderick Chisholm  
Phone Number: 254.287.5707

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Automated Multipurpose Machine Gun Range			
5. PROGRAM ELEMENT  22212A		6. CATEGORY CODE  178	7. PROJECT NUMBER  71692		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>						5,802
Auto Multipurpose Machine Gun		FP	10 --		517,711	(5,177)
Range Control Tower		m2 (SF)	23.04 ( 248)		2,442	(56)
Range Operations and Storage		m2 (SF)	74.32 ( 800)		1,923	(143)
Covered Bleacher		m2 (SF)	49.80 ( 536)		904.10	(45)
Ammo Breakdown Building		m2 (SF)	11.15 ( 120)		1,990	(22)
Total from Continuation page						(359)
<u>SUPPORTING FACILITIES</u>						232
Electric Service		LS	--		--	(89)
Paving, Walks, Curbs & Gutters		LS	--		--	(66)
Storm Drainage		LS	--		--	(48)
Information Systems		LS	--		--	(29)
ESTIMATED CONTRACT COST						6,034
CONTINGENCY (5.00%)						302
SUBTOTAL						6,336
SUPV, INSP & OVERHEAD (5.70%)						361
TOTAL REQUEST						6,697
TOTAL REQUEST (ROUNDED)						6,700
INSTALLED EQT-OTHER APPROP						(1,931)
10. Description of Proposed Construction Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, site development, 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. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, paving, site improvements and information systems. Air Conditioning (Estimated 18 kW <sub>r</sub> /5 Tons).						
11. REQ:		10 FP	ADQT: NONE		SUBSTD:	8 FP
PROJECT: Construct a standard design Automated Multipurpose Machine Gun (MPMG) Range at Fort Hood, Texas. (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 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER  71692
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine - Aerated Vault	m2 (SF)	11.15 ( 120)	3,054	(34)
Cover Mess	m2 (SF)	74.32 ( 800)	952.96	(71)
Classroom Building	m2 (SF)	74.32 ( 800)	2,083	(155)
Range Operations & Control Area	EA	1 --	69,711	(70)
SDD and EPAct05	LS	--	--	(7)
Building Information Systems	LS	--	--	(22)
			Total	359

CURRENT SITUATION: Currently Fort Hood 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 adequate training areas. 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 Hood, 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. 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..... APR 2008
- (b) Percent Complete As Of January 2009..... 35.00
- (c) Date 35% Designed..... JAN 2009
- (d) Date Design Complete..... SEP 2009

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Hood, Texas

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 71692
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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 Polk

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

(a) Production of Plans and Specifications.....	<u>289</u>
(b) All Other Design Costs.....	<u>231</u>
(c) Total Design Cost.....	<u>520</u>
(d) Contract.....	<u>289</u>
(e) In-house.....	<u>231</u>

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

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

(6) Construction Completion..... MAR 2011

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	2010	1,929
Info Sys - ISC	OPA	2011	2
		TOTAL	<u>1,931</u>

Installation Engineer: Roderick Chisholm  
Phone Number: 254-287-5707

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Sam Houston Texas			4.PROJECT TITLE Access Control Point and Road Improvements			
5.PROGRAM ELEMENT  87796A		6.CATEGORY CODE  141	7.PROJECT NUMBER  64209		8.PROJECT COST (\$000) Auth 10,800 Approp 10,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,467
Scott Road Entrance ACP		LS	--		--	(4,126)
Visitor Control Center		m2 (SF)	178.37 ( 1,920)		3,365	(600)
Visitor Control Ctr Paving Area		m2 (SY)	1,194 ( 1,428)		62.88	(75)
Scott Rd, Hood to Wilson		m2 (SY)	10,786 ( 12,900)		87.09	(939)
Scott Rd, Wilson to Taylor		m2 (SY)	2,341 ( 2,800)		194.68	(456)
Total from Continuation page						(2,271)
<u>SUPPORTING FACILITIES</u>						964
Electric Service		LS	--		--	(64)
Water, Sewer, Gas		LS	--		--	(30)
Paving, Walks, Curbs & Gutters		LS	--		--	(37)
Storm Drainage		LS	--		--	(67)
Site Imp( 219) Demo( )		LS	--		--	(219)
Information Systems		LS	--		--	(528)
Antiterrorism Measures		LS	--		--	(19)
ESTIMATED CONTRACT COST						9,431
CONTINGENCY (5.00%)						472
SUBTOTAL						9,903
SUPV, INSP & OVERHEAD (5.70%)						564
DESIGN/BUILD - DESIGN COST						396
TOTAL REQUEST						10,863
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct vehicle Access Control Point (ACP), parkng and roads. Project will widen Scott Road from Hood to Wilson; Scott Road from Wilson to Taylor, widen Dickman Road from Braunfels to Austin; and construct a standard design access control point (ACP) at the Scott Road installation entrance. The project includes special foundations, installation of an Intrusion Detection System, antiterrorism measures and building information systems. Supporting facilities include electric service, water sewer and gas service, paving, walks curbs and gutters, storm drainage, site improvement and information systems. Install a Intrusion Detection System (IDS). Additional work includes special construction (radon mitigation, lightning protection and acoustical sound attenuation). Antiterrorism measures will be provided. Access for persons with disabilites 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 35 kWr/10 Tons).						
11. REQ:		37,081 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct an Access Control Point (ACP) and Roads improvements at						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Fort Sam Houston, Texas																								
4. PROJECT TITLE  Access Control Point and Road Improvements	5. PROJECT NUMBER  64209																							
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>OCT 2007</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td><u>15.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>FEB 2010</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>MAY 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-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 Campbell</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>248</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>148</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>396</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>248</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>148</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>JAN 2010</u></p> <p>(5) Construction Start..... <u>MAR 2010</u></p> <p>(6) Construction Completion..... <u>MAR 2011</u></p>			(a) Date Design Started.....	<u>OCT 2007</u>	(b) Percent Complete As Of January 2009.....	<u>15.00</u>	(c) Date 35% Designed.....	<u>FEB 2010</u>	(d) Date Design Complete.....	<u>MAY 2010</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	<u>248</u>	(b) All Other Design Costs.....	<u>148</u>	(c) Total Design Cost.....	<u>396</u>	(d) Contract.....	<u>248</u>	(e) In-house.....	<u>148</u>
(a) Date Design Started.....	<u>OCT 2007</u>																							
(b) Percent Complete As Of January 2009.....	<u>15.00</u>																							
(c) Date 35% Designed.....	<u>FEB 2010</u>																							
(d) Date Design Complete.....	<u>MAY 2010</u>																							
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	<u>248</u>																							
(b) All Other Design Costs.....	<u>148</u>																							
(c) Total Design Cost.....	<u>396</u>																							
(d) Contract.....	<u>248</u>																							
(e) In-house.....	<u>148</u>																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Sam Houston, Texas

4. PROJECT TITLE  Access Control Point and Road Improvements	5. PROJECT NUMBER  64209
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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>
NA			

Installation Engineer: William Blount  
Phone Number: 210-221-3009

1. COMPONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Sam Houston Texas				4. PROJECT TITLE General Instruction Building		
5. PROGRAM ELEMENT 87796A		6. CATEGORY CODE 171	7. PROJECT NUMBER 64221		8. PROJECT COST (\$000) Auth 9,000 Approp 9,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,674
General Instruction Building		m2 (SF)	2,616 ( 28,159)		2,255	(5,899)
Special Foundations		LS	--		--	(258)
EMCS Connections		LS	--		--	(27)
SDD and EPAct05		LS	--		--	(117)
Antiterrorism Measures		LS	--		--	(87)
Building Information Systems		LS	--		--	(286)
<u>SUPPORTING FACILITIES</u>						1,103
Electric Service		LS	--		--	(93)
Water, Sewer, Gas		LS	--		--	(66)
Paving, Walks, Curbs & Gutters		LS	--		--	(635)
Storm Drainage		LS	--		--	(32)
Site Imp( 109) Demo( )		LS	--		--	(109)
Information Systems		LS	--		--	(144)
Antiterrorism Measures		LS	--		--	(24)
ESTIMATED CONTRACT COST						7,777
CONTINGENCY (5.00%)						389
SUBTOTAL						8,166
SUPV, INSP & OVERHEAD (5.70%)						465
DESIGN/BUILD - DESIGN COST						327
TOTAL REQUEST						8,958
TOTAL REQUEST (ROUNDED)						9,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design General Instruction Building. This project will include Multi-Purpose Classrooms, Resource Center, Administrative Spaces, Conference Room, Network Operation Center (NOC) Computer Maintenance Area, Broadcast Studio, Staff Break Area, Communication Room, Janitor Closet, Storage Areas, Restrooms, Loading Dock, and Vestibule. Include mass notifications systems and building information systems. Supporting Facilities include utilities; electrical; water, sewer, gas; paving, walks, curbs and gutters; storm drainage, site improvement, and information systems. Reynolds Road and Jessup Road will be modified to alleviate roadway congestion. Heating and air conditioning will be provided by self-contained systems. Accessibility for individuals with disabilities will be provided. Anti-terrorism/force protection measures include building setbacks, bollards, and laminated glass. Due to expansive clay soils in the region, the facility will require a special foundation. 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 246 kW/70 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Sam Houston, Texas

4. PROJECT TITLE  General Instruction Building	5. PROJECT NUMBER  64221
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11. REQ: 63,630 m2 ADQT: 53,606 m2 SUBSTD: 2,373 m2  
PROJECT: Construct a standard design General Instruction Building at Fort Sam Houston, Texas. (Current Mission)

REQUIREMENT: This project is required to support training at Fort Sam Houston. Staffing includes 32 permanent personnel, 218 students, and other authorized visiting personnel. There are no adequate training facilities available to support this project. Reynolds Road will be extended south of Wilson Street to alleviate roadway congestion.

CURRENT SITUATION: Adequate existing facilities are not available to support this project. All existing facilities suitable for use under this facility category code are fully utilized. This project provides essential training and working facilities to support training at Fort Sam Houston.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to accomplish much needed training for personnel currently being performed at various locations. Permanent personnel and students will continue to be off-post in costly leased facilities. This situation will adversely impact quality of 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..... APR 2008
  - (b) Percent Complete As Of January 2009..... 15.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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:

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Sam Houston, Texas

4. PROJECT TITLE General Instruction Building	5. PROJECT NUMBER 64221
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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.....	204
(b) All Other Design Costs.....	122
(c) Total Design Cost.....	326
(d) Contract.....	204
(e) In-house.....	122
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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: William Blount  
Phone Number: 210-221-3009

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----		REQUEST	REQUEST			
Utah	Dugway Proving Ground (IMCOM)						517
55206	Water Treatment Systems		25,000	25,000	C		519
	Subtotal Dugway Proving Ground Part I		\$ 25,000	25,000			
	* TOTAL MCA FOR Utah		\$ 25,000	25,000			

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1. COMPONENT ARMY		FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION  Dugway Proving Ground Utah			4. COMMAND  US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX  1.11	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 31 OCT 2008		11	20	538	0	0	0
B. END FY 2015		11	27	573	0	0	0
		23	47	786	23	47	786
							1,425
							1,467
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		323,027 ha		(798,214 AC)			
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						1,302,339	
C. AUTHORIZATION NOT YET IN INVENTORY.....						46,600	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						25,000	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS	
CODE	NUMBER			(\$000)	START	COMPLETE	
841	55206	Water Treatment Systems		25,000	04/2008	05/2010	
TOTAL				25,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
<p>To test US and Allied chemical and biological defense equipment and systems. Perform NBC survivability testing of defense materiel. Test environmental characterization and remediation technology. Develop procedures, methodology and technology necessary for chemical and biological testing. Act as the DoD joint chemical/biological defense contact point in support of the warfighting Combatant Commanders. Provide support to chemical and biological weapons conventions. Provide for testing of smoke, illumination and incendiary munitions. Conduct the Army's Meteorology Program. Support training. Conduct a surety program. Safeguard the environment. Operate and maintain an installation to support the test and training missions.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Dugway Proving Ground, Utah

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Dugway Proving Ground Utah				4.PROJECT TITLE Water Treatment Systems		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  841	7.PROJECT NUMBER  55206		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>						18,905
Filter Plant, Ditto/Baker Area		L/d(KG)	3,785 (	1,000)	1,059	(4,008)
Filter Plant, Carr Area		L/d(KG)	1,893 (	500)	1,976	(3,740)
Filter Plant, English Village		L/d(KG)	4,542 (	1,200)	386.98	(1,758)
Water Distribution, Ditto Area		m (LF)	22,311 (	73,200)	147.69	(3,295)
Water Distribution, Avery Area		m (LF)	15,972 (	52,400)	95.79	(1,530)
Total from Continuation page						(4,574)
<u>SUPPORTING FACILITIES</u>						2,439
Electric Service		LS	--	--	--	(250)
Water, Sewer, Gas		LS	--	--	--	(1,412)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(638)
Site Imp( 10) Demo( )		LS	--	--	--	(10)
Information Systems		LS	--	--	--	(5)
Antiterrorism Measures		LS	--	--	--	(124)
ESTIMATED CONTRACT COST						21,344
CONTINGENCY (5.00%)						1,067
SUBTOTAL						22,411
SUPV, INSP & OVERHEAD (5.70%)						1,277
DESIGN/BUILD - DESIGN COST						896
TOTAL REQUEST						24,584
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Construct water treatment systems to connect to existing wells, pump houses, and elevated storage tanks. Each system will include filter elements, water softeners, and controls as well as the replacement or addition of potable water lines, hydrants, valves, and pumps. The project will include construction of an additional cell in an existing evaporation pond to accommodate backwash water from the filtration plant at the Ditto Technical Center. Supporting facilities will include: electrical service; security lighting, fencing, and gates; fire protection; access roads and parking; and, site improvements. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (APAct05) features will be provided.						
11. REQ:		38,687 L/d ADQT:		NONE		SUBSTD: NONE
PROJECT: Construct potable water supply and treatment systems on Dugway Proving Ground, Utah. (Current Mission)						
REQUIREMENT: This project is required to ensure the longevity of Dugway Proving Ground as the supply of fresh water in the area slowly diminishes. The current aquifer is the installation's primary "fresh" water source, but is highly contaminated. This project will reduce the arsenic in the drinking water below the Maximum Contaminant Level (MCL) as well as reduce other						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Dugway Proving Ground, Utah		
4. PROJECT TITLE  Water Treatment Systems	5. PROJECT NUMBER  55206	
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>APR 2008</u>
(b) Percent Complete As Of January 2009.....		<u>15.00</u>
(c) Date 35% Designed.....		<u>MAR 2010</u>
(d) Date Design Complete.....		<u>MAY 2010</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(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.....		<u>570</u>
(b) All Other Design Costs.....		<u>342</u>
(c) Total Design Cost.....		<u>912</u>
(d) Contract.....		<u>570</u>
(e) In-house.....		<u>342</u>
(4) Construction Contract Award.....		
(5) Construction Start.....		
(6) Construction Completion.....		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Dugway Proving Ground, Utah

4. PROJECT TITLE  Water Treatment Systems	5. PROJECT NUMBER  55206
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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>
NA			

Installation Engineer: Morgan Benson  
Phone Number: 435-831-3555

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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 Belvoir (IMCOM)				525
62779	Flight Control Tower	8,400	8,400	C	527
63571	Road and Access Control Point	9,500	9,500	C	531
71149	Road and Infrastructure Improvements	20,000	20,000	C	535
	Subtotal Fort Belvoir Part I	\$ 37,900	37,900		
	Fort A P Hill (IMCOM)				539
67011	Automated Infantry Platoon Battle Course	4,900	4,900	C	541
67973	Field Training Area	9,000	9,000	N	544
68779	Training Aids Center	9,100	9,100	N	547
	Subtotal Fort A P Hill Part I	\$ 23,000	23,000		
	* TOTAL MCA FOR Virginia	\$ 60,900	60,900		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Belvoir, 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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Belvoir Virginia				4.PROJECT TITLE Flight Control Tower		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  133	7.PROJECT NUMBER  62779		8.PROJECT COST (\$000) Auth 8,400 Approp 8,400	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,942
Flight Control Tower		m2 (SF)	642.15 (	6,912)	9,786	(6,284)
Special Foundation		m (LF)	1,428 (	4,686)	168.50	(241)
Standby Generator		kWe (KW)	150 (	150)	650.00	(98)
SDD and EPAct05		LS	--	--	--	(126)
Antiterrorism Measures		LS	--	--	--	(126)
Building Information Systems		LS	--	--	--	(67)
<u>SUPPORTING FACILITIES</u>						643
Electric Service		LS	--	--	--	(75)
Water, Sewer, Gas		LS	--	--	--	(42)
Steam And/Or Chilled Water Dist		LS	--	--	--	(66)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(88)
Site Imp( 110) Demo( 24)		LS	--	--	--	(134)
Information Systems		LS	--	--	--	(178)
Antiterrorism Measures		LS	--	--	--	(60)
ESTIMATED CONTRACT COST						7,585
CONTINGENCY (5.00%)						379
SUBTOTAL						7,964
SUPV, INSP & OVERHEAD (5.70%)						454
TOTAL REQUEST						8,418
TOTAL REQUEST (ROUNDED)						8,400
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction Construct a fire-resistant, flight control tower (FCT) with radar operations, air traffic control (ATC) and training rooms, offices, ATC operations area, storage, break room, electrical and mechanical rooms, latrines, elevator, standby generator, fire alarm and protection systems, and building information systems. Install uninterruptible power supply (Other Procurement, Army funded). Special foundations (piles) are required. Supporting facilities include electric service, water distribution and wastewater collection lines, sidewalks, storm water drainage, parking, site improvements, and information systems. Heating and air conditioning will be provided by self-contained systems. Antiterrorism/force protection measures include laminated glass in reinforced frames and reinforced exterior doors. 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 1 Building (TOTAL 261 m2/2,814 SF). Air Conditioning (Estimated 53 kWr/15 Tons).						
11. REQ:		642 m2	ADQT:	NONE	SUBSTD:	261 m2
PROJECT: Construct a flight control tower at Davison Army Airfield (DAAF), Fort Belvoir, VA. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Fort Belvoir, Virginia		
4. PROJECT TITLE  Flight Control Tower	5. PROJECT NUMBER  62779	
<p><u>REQUIREMENT:</u> This project is required to correct life, health, safety deficiencies as outlined in Fort Belvoir Safety Office Risk Assessment which indicated a relatively high probability of failure that when it does occur will be a catastrophic. The project will correct structural deficiencies, and National Fire Code and Occupational Safety and Health Act violations that pose significant hazards to the health and safety of air traffic control personnel, and should the ATC fail structurally, degrade mission readiness. This project will provide an adequate facility for monitoring and directing arrival, departure, and ground movements of government-owned, contracted, and civil fixed and rotary-wing aircraft and ground support equipment and management of that portion of the National Airspace System (NAS) assigned to DAAF by the Federal Aviation Administration (FAA).</p> <p><u>CURRENT SITUATION:</u> Constructed in 1958 the FCT poses a safety risk to the air traffic control personnel (ATC) that occupy it. The construction of the tower is such that a rigid masonry first floor wall imparts a torque to the structure that has resulted in cracked welds in bracing members, cracks in the concrete masonry unit walls, separation of metal cladding panels, and broken cab windows. The torsion is so severe that during periods of high winds, over 40 knots, the FCT must be evacuated, the airfield degraded to "uncontrolled" status, and DAAF's NAS protection mission assumed by neighboring FAA facilities. In addition to the safety deficiencies posed by the FCT, it is inadequate to support ATC functions at DAAF. The FCT is located in the primary surface just 400 feet from the centerline of the runway. This location and the height of the FCT, 70 feet, preclude ATC personnel from monitoring and controlling the entire DAAF air space. The FCT is too small to adequately support the ATC and radar equipment currently installed, a situation that will be exacerbated with the Army directed fielding of additional equipment. The connected electrical and air conditioning loads exceed design capacity. Utility systems, windows, doors, and interior and exterior finishes are in failed or failing condition.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, life, health and safety deficiencies will continue to exist as will the risk of serious injury or death of ATC personnel. The FCT will continue to be in the primary surface posing an unnecessary threat to aircraft and ATC personnel. The location and height of the tower will continue to contribute to inadequate monitoring and control of portions of the DAAF air space. If this project is not provided, the ability of tenant aviation units to support missions within the National Capital Region (NCR) will be degraded.</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</p>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Flight Control Tower	5. PROJECT NUMBER  62779
--	--------------------------------

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.....	APR 2008
(b) Percent Complete As Of January 2009.....	35.00
(c) Date 35% Designed.....	JAN 2009
(d) Date Design Complete.....	SEP 2009
(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.....	390
(b) All Other Design Costs.....	312
(c) Total Design Cost.....	702
(d) Contract.....	390
(e) In-house.....	312
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Flight Control Tower	5. PROJECT NUMBER  62779
--	--------------------------------

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>
NA			

Installation Engineer: Bill Sanders  
Phone Number: 703-806-3017

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Belvoir Virginia				4. PROJECT TITLE Road and Access Control Point		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 851	7. PROJECT NUMBER 63571		8. PROJECT COST (\$000) Auth 9,500 Approp 9,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,741
Access Road/Pavement		m2 (SY)	65,728 (	78,610)	41.35	(2,718)
Vehicle Inspection Canopy		m2 (SF)	133.78 (	1,440)	875.54	(117)
Gatehouse		m2 (SF)	62.25 (	670)	3,740	(233)
Search Building		m2 (SF)	60.39 (	650)	3,184	(192)
Search Area Shelter		m2 (SF)	4.65 (	50)	1,829	(9)
Total from Continuation page						(2,472)
<u>SUPPORTING FACILITIES</u>						2,857
Electric Service		LS	--	--	--	(650)
Water, Sewer, Gas		LS	--	--	--	(142)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(265)
Storm Drainage		LS	--	--	--	(357)
Site Imp( 888) Demo( )		LS	--	--	--	(888)
Information Systems		LS	--	--	--	(518)
Antiterrorism Measures		LS	--	--	--	(37)
ESTIMATED CONTRACT COST						8,598
CONTINGENCY (5.00%)						430
SUBTOTAL						9,028
SUPV, INSP & OVERHEAD (5.70%)						515
TOTAL REQUEST						9,543
TOTAL REQUEST (ROUNDED)						9,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct an access road and control point. Project will include a two lane access road, vehicle inspection canopy, gatehouse, search building, search area shelter, guard booth, overwatch station, Truck Inspection Canopy, ID Check Canopy, Passive Vehicle Guardrail and traffic control, installation of intrusion detection systems (IDS), and building information systems. Supporting facilities include electrical service, water and wastewater lines, storm drainage, improvements, removal of asphalt pavement, relocation of communications lines, and information systems. Supporting facilities costs include relocating communications, water, and waste water lines, and an electrical substation. Heating and air conditioning will be provided by stand alone systems. Antiterrorism measures include laminated glazing in reinforced frames and reinforced exterior doors. 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 25 kW <sub>r</sub> /7 Tons).						
11. REQ:		1,143,597 m2	ADQT:	156,192 m2	SUBSTD:	451,808 m2
PROJECT: Construct an access road with access control point at Fort Belvoir, Virginia. (Current Mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Road and Access Control Point	5. PROJECT NUMBER  63571
---	--------------------------------

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.....	<u>JAN 2008</u>
(b) Percent Complete As Of January 2009.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2009</u>
(d) Date Design Complete.....	<u>OCT 2009</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 Benning
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>451</u>
(b) All Other Design Costs.....	<u>361</u>
(c) Total Design Cost.....	<u>812</u>
(d) Contract.....	<u>451</u>
(e) In-house.....	<u>361</u>
(4) Construction Contract Award.....	<u>JAN 2010</u>
(5) Construction Start.....	<u>MAR 2010</u>
(6) Construction Completion.....	<u>MAR 2011</u>

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Road and Access Control Point	5. PROJECT NUMBER  63571
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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>
NA			

Installation Engineer: Bill Sanders  
Phone Number: 703-806-3017

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Belvoir Virginia				4. PROJECT TITLE Road and Infrastructure Improvements		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 851	7. PROJECT NUMBER 71149		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>						14,854
Road Improvements		m2 (SY)	334,451 ( 400,000)		16.12	(5,390)
Drainage		LS	--		--	(1,376)
Domestic and Fire Water Supply		LS	--		--	(3,858)
Gas		m (LF)	1,463 ( 4,800)		228.90	(335)
Electrical		m (LF)	1,128 ( 3,700)		2,798	(3,155)
Sanitary Sewer w/Pump Station		LS	--		--	(740)
<u>SUPPORTING FACILITIES</u>						3,546
Site Imp ( 3,359) Demo ( )		LS	--		--	(3,359)
Information Systems		LS	--		--	(187)
ESTIMATED CONTRACT COST						18,400
CONTINGENCY (5.00%)						920
SUBTOTAL						19,320
SUPV, INSP & OVERHEAD (5.70%)						1,101
TOTAL REQUEST						20,421
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct road and infrastructure improvements to include access roads, electric service, water and gas distribution and wastewater collection lines, traffic improvements, and intersection upgrade, information systems, and storm water drainage. Supporting facilities include site preparation.						
11. REQ: 1,143,597 m2 ADQT: 156,192 m2 SUBSTD: 451,808 m2						
PROJECT: Construct road and infrastructure improvements to support the National Museum of the United States Army (NMUSA) at Fort Belvoir, Virginia. (Current Mission)						
REQUIREMENT: This project is required to provide infrastructure improvements supporting construction and operation of the NMUSA. This project will construct road improvements and utility systems in advance of the scheduled construction of the NMUSA.						
CURRENT SITUATION: Federal legislation provides for construction of the NMUSA at Fort Belvoir, Virginia. The preferred site is the southern portion of the Gunston Golf Course bounded by the Fairfax County Parkway and Kingman and Beulah Roads. Existing infrastructure at the site is not adequate to support the project. The road network does not provide adequate access and is of sufficient capacity to support neither construction activities nor the						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Road and Infrastructure Improvements	5. PROJECT NUMBER  71149
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CURRENT SITUATION: (CONTINUED)

projected one million visitors per year. Similarly, the utility systems are not sized to support operation of the NMUSA. The available electrical, water, sewer, gas, and information systems are all of insufficient capacity. The topography of the site is such that extensive earthwork and storm water management structures are needed.

IMPACT IF NOT PROVIDED: If this project is not provided, the infrastructure will remain inadequate to support construction and operation of the NMUSA.

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..... JUL 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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..... 946
  - (b) All Other Design Costs..... 757
  - (c) Total Design Cost..... 1,703
  - (d) Contract..... 946
  - (e) In-house..... 757

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Road and Infrastructure Improvements	5. PROJECT NUMBER  71149
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(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>
NONE			

Installation Engineer: Bill Sanders  
Phone Number: 703-806-3017

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009		
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 31 OCT 2008	62	302	250	0	0	0	303 706 410 2,033
B. END FY 2015	19	220	250	1	57	0	307 715 415 1,984
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.....	18,848						
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....	23,000						
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....	TBD						
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	TBD						
G. REMAINING DEFICIENCY.....	TBD						
H. GRAND TOTAL.....	TBD						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY	PROJECT			COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
178	67011	Automated Infantry Platoon Battle Course		4,900	07/2008	12/2009	
179	67973	Field Training Area		9,000	01/2008	08/2009	
141	68779	Training Aids Center		9,100	10/2007	08/2009	
				TOTAL	23,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
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 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort A P Hill Virginia			4.PROJECT TITLE Automated Infantry Platoon Battle Course			
5.PROGRAM ELEMENT  22212A	6.CATEGORY CODE  178	7.PROJECT NUMBER  67011		8.PROJECT COST (\$000) Auth 4,900 Approp 4,900		
9.COST ESTIMATES						
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					4,290	
Infantry Pltn Battle Course	FP	7 --		458,982	(3,213)	
Classroom Building	m2 (SF)	74.32 ( 800)		2,406	(179)	
Ammo Breakdown Building	m2 (SF)	11.15 ( 120)		2,205	(25)	
Range Operations & Storage	m2 (SF)	74.32 ( 800)		2,195	(163)	
Range Operations Center	m2 (SF)	74.32 ( 800)		2,195	(163)	
Total from Continuation page					(547)	
<u>SUPPORTING FACILITIES</u>					115	
Electric Service	LS	--		--	(21)	
Storm Drainage	LS	--		--	(25)	
Information Systems	LS	--		--	(69)	
ESTIMATED CONTRACT COST					4,405	
CONTINGENCY (5.00%)					220	
SUBTOTAL					4,625	
SUPV, INSP & OVERHEAD (5.70%)					264	
TOTAL REQUEST					4,889	
TOTAL REQUEST (ROUNDED)					4,900	
INSTALLED EQT-OTHER APPROP					( )	
10.Description of Proposed Construction Construct a standard design Automated Infantry Platoon Battle Course (IPBC). Primary facilities include the IPBC, ammunition breakdown building, classroom building, operations and storage building, range operations center, latrine, covered mess, bleacher enclosure, range operations control area and building information systems. Supporting facilities include electrical service, storm drainage, and information systems. Antiterrorism protection measures are included. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 42 kW <sub>r</sub> /12 Tons).						
11. REQ:	7 FP	ADQT:	NONE	SUBSTD:	NONE	
PROJECT: Construct a standard design Automated Infantry Platoon Battle Course at Fort A. P. Hill, Virginia. (Current 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. Estimated loads/throughput is 7,946 Soldiers annually.						
CURRENT SITUATION: There are no existing facilities available capable of supporting these training activities at Fort A. P. Hill, Virginia.						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Fort A P Hill, Virginia

4. PROJECT TITLE	5. PROJECT NUMBER
Automated Infantry Platoon Battle Course	67011

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 ( 200)	3,386	(63)
Covered Mess	m2 (SF)	72 ( 775)	1,080	(78)
Bleacher Enclosure	m2 (SF)	54.44 ( 586)	1,089	(59)
Range Operations & Control Area	LS	--	--	(318)
SDD and EPAct05	LS	--	--	(10)
Antiterrorism Measures	LS	--	--	(10)
Building Information Systems	LS	--	--	(9)
			Total	547

IMPACT IF NOT PROVIDED: If this project is not provided, the installation will be unable to comply with the Army's current program of instruction. Units will not be trained to standard in platoon level operations tactics, techniques, and procedures that are currently written in our doctrinal and training publications. Infantry units will not be able to attain 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..... JUL 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... DEC 2009
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build

(2) Basis:

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort A P Hill, Virginia

4. PROJECT TITLE Automated Infantry Platoon Battle Course	5. PROJECT NUMBER 67011
--	----------------------------

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.....	22
(b) All Other Design Costs.....	194
(c) Total Design Cost.....	216
(d) Contract.....	173
(e) In-house.....	43
(4) Construction Contract Award.....	DEC 2009
(5) Construction Start.....	APR 2010
(6) Construction Completion.....	APR 2011

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 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia			4. PROJECT TITLE Field Training Area		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 179	7. PROJECT NUMBER 67973	8. PROJECT COST (\$000) Auth 9,000 Approp 9,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					6,664
EOD Field Training Area		EA	1 --	2737111	(2,737)
Range Support Building		m2 (SF)	1,004 ( 10,807)	1,922	(1,929)
Robotics Range Maint/Training		m2 (SF)	1,029 ( 11,072)	1,691	(1,739)
Ops and Storage Building		m2 (SF)	26.76 ( 288)	1,600	(43)
SDD and EPAct05		LS	--	--	(74)
Total from Continuation page					(142)
<u>SUPPORTING FACILITIES</u>					1,404
Electric Service		LS	--	--	(164)
Water, Sewer, Gas		LS	--	--	(590)
Paving, Walks, Curbs & Gutters		LS	--	--	(101)
Storm Drainage		LS	--	--	(131)
Site Imp( 138) Demo( )		LS	--	--	(138)
Information Systems		LS	--	--	(280)
ESTIMATED CONTRACT COST					8,068
CONTINGENCY (5.00%)					403
SUBTOTAL					8,471
SUPV, INSP & OVERHEAD (5.70%)					483
TOTAL REQUEST					8,954
TOTAL REQUEST (ROUNDED)					9,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct an Explosive Ordnance Disposal (EOD) Field Training Area. Primary facilities include the EOD field training area, range support building, Robotics Range Maintenance/Training, operations and storage building, and building information systems. Supporting facilities include electric service, water, sewer and gas, paving, gravel parking, walks, curbs, and gutters, storm drainage, site improvements, and information systems. Antiterrorism force protection measures include standoff distance, laminated glass in reinforced frames and reinforced doors. 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 provided. Air Conditioning (Estimated 35 kW/10 Tons).					
11. REQ: 2 EA ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an Explosive Ordnance Disposal (EOD) Field Training Area at Fort A. P. Hill, Virginia. (New Mission)					
REQUIREMENT: Students are trained in fundamentals of basic electronics (DC Power); EOD publications and procedures; identification and hazards of both US and foreign conventional munitions; maintenance and use of EOD specific tool sets and kits; demolition materials and procedures; hazardous material transportation procedures; and EOD unit operations. Field training is an					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort A P Hill, Virginia

4. PROJECT TITLE  Field Training Area	5. PROJECT NUMBER  67973
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(42)
Building Information Systems	LS	--	--	(100)
			Total	142

REQUIREMENT: (CONTINUED)  
essential part of the curriculum.  
CURRENT SITUATION: EOD units and schools are relocating and will use training ranges at A.P Hill. There are no training ranges available to support the relocation and training needs for these units.  
IMPACT IF NOT PROVIDED: If facilities are not provided at Fort A.P. Hill, EOD will not be able to fully train students.  
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..... JAN 2008
    - (b) Percent Complete As Of January 2009..... 35.00
    - (c) Date 35% Designed..... JAN 2009
    - (d) Date Design Complete..... AUG 2009
    - (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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort A P Hill, Virginia

4. PROJECT TITLE  Field Training Area	5. PROJECT NUMBER  67973
---	--------------------------------

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.....	41
(b) All Other Design Costs.....	364
(c) Total Design Cost.....	405
(d) Contract.....	324
(e) In-house.....	81
(4) Construction Contract Award.....	DEC 2009
(5) Construction Start.....	APR 2010
(6) Construction Completion.....	APR 2011

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia				4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68779		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>						7,166
Training Aids Center		m2 (SF)	4,588 (	49,384)	1,490	(6,835)
IDS Installation		LS	--	--	--	(20)
EMCS Connection		LS	--	--	--	(15)
SDD and EPAct05		LS	--	--	--	(136)
Antiterrorism Measures		LS	--	--	--	(136)
Building Information Systems		LS	--	--	--	(24)
<u>SUPPORTING FACILITIES</u>						1,072
Electric Service		LS	--	--	--	(95)
Water, Sewer, Gas		LS	--	--	--	(39)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(263)
Storm Drainage		LS	--	--	--	(107)
Site Imp( 227) Demo( 251)		LS	--	--	--	(478)
Information Systems		LS	--	--	--	(69)
Antiterrorism Measures		LS	--	--	--	(21)
ESTIMATED CONTRACT COST						8,238
CONTINGENCY (5.00%)						412
SUBTOTAL						8,650
SUPV, INSP & OVERHEAD (5.70%)						493
TOTAL REQUEST						9,143
TOTAL REQUEST (ROUNDED)						9,100
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 Systems (EMCS), and building information systems. Supporting facilities include electric service, water, sanitary sewer, parking, paving, and site preparation/improvements. 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 205 (EPAct05) features will be provided. Demolish 19 Buildings (TOTAL 1,148 m2/12,361 SF). Air Conditioning (Estimated 77 kW <sub>r</sub> /22 Tons).						
11. REQ:		4,588 m2		ADQT: NONE		SUBSTD: 3,049 m2
PROJECT: Construct a standard design Training Aids Center at Fort A. P. Hill, VA. (New Mission)						
REQUIREMENT: This project is required to support the Grow the Army initiative. This project directly supports the Army's approved end-strength of 547,400 and 45 Brigade Combat Teams (BCTs). The units supported by Fort A.P. Hill 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort A P Hill, Virginia

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  68779
--	--------------------------------

CURRENT SITUATION: Existing substandard warehouse buildings do not have additional capacity to support increased training aids and devices.  
IMPACT IF NOT PROVIDED: If this project is not provided, Fort A.P Hill 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.....                         | OCT 2007 |
| (b) Percent Complete As Of January 2009.....         | 35.00    |
| (c) Date 35% Designed.....                           | JAN 2009 |
| (d) Date Design Complete.....                        | AUG 2009 |
| (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 Sill
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... | 45  |
| (b) All Other Design Costs.....                 | 405 |
| (c) Total Design Cost.....                      | 450 |
| (d) Contract.....                               | 360 |
| (e) In-house.....                               | 90  |
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... APR 2010

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort A P Hill, Virginia

4. PROJECT TITLE Training Aids Center	5. PROJECT NUMBER 68779
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... JAN 2011

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

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				553
41842	Live Fire Exercise Shoothouse	2,550	2,550	C	555
63513	Animal Building	3,050	3,050	C	558
65935	Brigade Complex, Inc 4	0	102,000	C	562
66531	Modified Record Fire Range	4,100	4,100	C	566
		-----	-----		
	Subtotal Fort Lewis Part I	\$ 9,700	111,700		
	* TOTAL MCA FOR Washington	\$ 9,700	111,700		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 2,725,350	3,022,750		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Fort Lewis, Washington

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Fort Lewis Washington				4.PROJECT TITLE Live Fire Exercise Shoothouse		
5.PROGRAM ELEMENT  22212A		6.CATEGORY CODE  178	7.PROJECT NUMBER  41842		8.PROJECT COST (\$000) Auth 2,550 Approp 2,550	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,044
Live Fire Exercise Shoothouse		FP	8	--	160,652	(1,285)
After Action Review Building		m2 (SF)	107.02	( 1,152)	2,569	(275)
Range Operations & Storage		m2 (SF)	74.32	( 800)	2,460	(183)
Latrine		m2 (SF)	18.58	( 200)	3,794	(71)
Range Operation & Control Area		EA	1	--	135,624	(136)
Total from Continuation page						(94)
<u>SUPPORTING FACILITIES</u>						241
Electric Service		LS	--	--	--	(51)
Storm Drainage		LS	--	--	--	(4)
Site Imp( 99) Demo( )		LS	--	--	--	(99)
Information Systems		LS	--	--	--	(87)
ESTIMATED CONTRACT COST						2,285
CONTINGENCY (5.00%)						114
SUBTOTAL						2,399
SUPV, INSP & OVERHEAD (5.70%)						137
TOTAL REQUEST						2,536
TOTAL REQUEST (ROUNDED)						2,550
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 & storage building, range operation and control area, latrine and building information systems. Supporting facilities for the project 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 18 kW <sub>r</sub> /5 Tons).						
11. REQ:		8 FP ADQT:		NONE		SUBSTD: NONE
PROJECT: Construct a standard design Live Fire Shoothouse at Fort Lewis, Washington. (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. This project is needed to support the stationing of Brigade Combat Teams.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Live Fire Exercise Shoothouse	5. PROJECT NUMBER  41842
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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	--	--	(9)
Antiterrorism Measures	LS	--	--	(9)
Building Information Systems	LS	--	--	(76)
			Total	94

CURRENT SITUATION: Fort Lewis does not have suitable Shoothouse training facilities. 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 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. 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 2007
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... SEP 2009
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build

(2) Basis:

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Live Fire Exercise Shootouse	5. PROJECT NUMBER  41842
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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 Stewart
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... | 120 |
| (b) All Other Design Costs.....                 | 375 |
| (c) Total Design Cost.....                      | 495 |
| (d) Contract.....                               | 295 |
| (e) In-house.....                               | 200 |
- (4) Construction Contract Award..... JAN 2010
- (5) Construction Start..... MAR 2010
- (6) Construction Completion..... MAR 2011

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 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Animal Building		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 63513	8. PROJECT COST (\$000) Auth 3,050 Approp 3,050		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,122
Kennel Building w/ Admin	m2 (SF)	947.61 ( 10,200)		1,967	(1,864)
Storage Shed, Covered	m2 (SF)	37.16 ( 400)		561.57	(21)
Dog Training Area	m2 (SF)	6,165 ( 66,355)		12.92	(80)
IDS Installation	LS	--		--	(10)
EMCS Connection	LS	--		--	(12)
Total from Continuation page					(135)
<u>SUPPORTING FACILITIES</u>					518
Electric Service	LS	--		--	(84)
Water, Sewer, Gas	LS	--		--	(66)
Paving, Walks, Curbs & Gutters	LS	--		--	(58)
Storm Drainage	LS	--		--	(17)
Site Imp( 136) Demo( 33)	LS	--		--	(169)
Information Systems	LS	--		--	(124)
ESTIMATED CONTRACT COST					2,640
CONTINGENCY (5.00%)					132
SUBTOTAL					2,772
SUPV, INSP & OVERHEAD (5.70%)					158
DESIGN/BUILD - DESIGN COST					111
TOTAL REQUEST					3,041
TOTAL REQUEST (ROUNDED)					3,050
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct an Animal Building Military Working Dog (MWD) Kennel. Primary facility will include an administration area, kennel area, MWD work-out area, storage shed, connection to an Energy Monitoring and Control System (EMCS), installation of an Intrusion Detection System (IDS) and building information systems. Support facilities include utilities, paving, parking, walks, curbs and gutters, and site improvements. 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. Demolish 1 Building (TOTAL 166 m2/1,782 SF). Air Conditioning (Estimated 35 kW/10 Tons).					
11. REQ:	948 m2	ADQT:	NONE	SUBSTD:	161 m2
PROJECT: Construct an Animal Building (military working dog kennel) at Fort Lewis, Washington. (Current Mission)					
REQUIREMENT: This project is required to maintain and train the Military Working Dogs (MWD) on Fort Lewis, WA. Military Working Dogs provide explosive and narcotic detection capability and Military Police Patrol support to Fort Lewis and the Army.					

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE

Animal Building

5. PROJECT NUMBER

63513

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(38)
Antiterrorism Measures	LS	--	--	(41)
Building Information Systems	LS	--	--	(56)
			Total	135

CURRENT SITUATION: The current kennel facility was built in 1989 and renovated in 2000. It can house 14 MWD; but is not capable of housing all of the Military Working Dogs assigned to the Military Police unit. The lack of an adequate grade on the floor results in some runs never drying after the twice daily cleaning. Over 75% of the MWDs in the kennel have had some type of disease from the conditions in the kennel resulting in over 100 days of lost mission time in the past year. The current kennel does not have an isolation kennel or a treatment area for veterinarians to examine MWD. Currently, the veterinarian must treat MWD in the administrative area. Additionally, air flow is inadequate for moisture control.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Lewis will lose MWD support for the installation and the Army. Without Explosives Detector dogs, Fort Lewis cannot fully implement all the necessary force protection measures to keep Soldiers and family members safe. The Narcotics Detector dogs are used on Fort Lewis to counter the large drug threat in the Interstate 5 corridor.

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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Animal Building	5. PROJECT NUMBER  63513
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... SEP 2006
  - (b) Percent Complete As Of January 2009..... 20.00
  - (c) Date 35% Designed..... FEB 2010
  - (d) Date Design Complete..... MAY 2010
  - (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..... 109
  - (b) All Other Design Costs..... 20
  - (c) Total Design Cost..... 129
  - (d) Contract..... 103
  - (e) In-house..... 26

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

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

(6) Construction Completion..... MAR 2011

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE

Animal Building

5. PROJECT NUMBER

63513

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 T. Perrenot  
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Brigade Complex, Inc 4		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 65935	8. PROJECT COST (\$000) Auth Approp 102,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					287,589
Barracks		m2 (SF)	61,545 ( 662,460)	1,847	(113,678)
Brigade Headquarters		m2 (SF)	2,758 ( 29,684)	1,884	(5,195)
Battalion Headquarters		m2 (SF)	9,365 ( 100,800)	1,744	(16,330)
Company Operations Facilities		m2 (SF)	41,069 ( 442,060)	1,636	(67,193)
Dining Facility		m2 (SF)	2,809 ( 30,233)	3,014	(8,465)
Total from Continuation page					(76,728)
<u>SUPPORTING FACILITIES</u>					66,196
Electric Service		LS	--	--	(10,898)
Water, Sewer, Gas		LS	--	--	(5,823)
Paving, Walks, Curbs & Gutters		LS	--	--	(8,608)
Storm Drainage		LS	--	--	(10,172)
Site Imp( 4,230) Demo(16,686)		LS	--	--	(20,916)
Information Systems		LS	--	--	(8,774)
Antiterrorism Measures		LS	--	--	(1,005)
ESTIMATED CONTRACT COST					353,785
CONTINGENCY (5.00%)					17,689
SUBTOTAL					371,474
SUPV, INSP & OVERHEAD (5.70%)					21,174
DESIGN/BUILD - DESIGN COST					14,859
TOTAL REQUEST					407,507
TOTAL REQUEST (ROUNDED)					408,000
INSTALLED EQT-OTHER APPROP					(1,883)
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$408M was requested in FY 2007 (PN 62057) with the first funding increment of \$102M. The second funding increment of \$102M was requested in FY 2008 (PN 65933). The third funding increment of \$102M was requested in FY 2009 (PN 65934). The fourth funding increment of \$102M is requested in FY 2010 (PN 65935). Construct a Stryker Brigade Combat Team (SBCT) Complex. Primary facilities include a standard design battalion headquarters, a standard design barracks, company operations facilities, dining facility, vehicle maintenance shop, unit storage and organizational vehicle parking. 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 installation of Intrusion Detection Systems (IDS), and connection to Energy Monitoring Control Systems (EMCS). Anti-terrorism measures will include laminated glass, reinforced window and door framing, traffic control barriers, and mass notification system. Project includes self contained heating and ventilation systems. Demolition will include asbestos and lead abatement. Transition administrative facilities are included for units displaced by this project. Accessibility for the disabled will be provided in public areas.					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009		
3. INSTALLATION AND LOCATION  Fort Lewis, Washington				
4. PROJECT TITLE  Brigade Complex, Inc 4	5. PROJECT NUMBER  65935			
9. COST ESTIMATES (CONTINUED)				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Vehicle Maintenance Shop	m2 (SF)	15,909 ( 171,248)	1,668	(26,543)
Organizational Storage	m2 (SF)	3,354 ( 36,100)	845.94	(2,837)
Organizational Vehicle Parking	m2 (SY)	174,549 ( 208,759)	77.74	(13,569)
Expand Remote Switching Bldg	m2 (SF)	185.81 ( 2,000)	1,372	(255)
Battalion HQs, 57th TC	m2 (SF)	1,115 ( 12,000)	1,798	(2,004)
Transitional Facilities	m2 (SF)	7,897 ( 85,000)	1,430	(11,291)
EMCS Connection	LS	--	--	(2,387)
IDS Installation	LS	--	--	(550)
Antiterrorism Measures	LS	--	--	(7,450)
Building Information Systems	LS	--	--	(9,842)
			Total	76,728
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
Comprehensive building and furnishings related interior design services are required. Demolish 78 Buildings (TOTAL 24,187 m2/260,350 SF). Air Conditioning (Estimated 70 kW/20 Tons).				
<u>11. REQ:</u> 9,914 PN <u>ADQT:</u> 7,420 PN <u>SUBSTD:</u> 2,458 PN				
<u>PROJECT:</u> Construct facilities for a Stryker Brigade Combat Team Complex, Phase 4 at For Lewis, Washington. (Current Mission)				
<u>REQUIREMENT:</u> The project is required to provide adequate operational and vehicle maintenance facilities to support the stationing of a Stryker Brigade Combat Team (SBCT). Maximum utilization is 1810 Soldiers.				
<u>CURRENT SITUATION:</u> Currently there are no adequate facilities available at Fort Lewis, which can meet the needs of another Brigade size unit to support this stationing action. All existing adequate facilities are fully utilized.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the SBCT will not have permanent facilities in which to accomplish their mission. The Brigade will be scattered throughout the installation in temporary and inadequate facilities.				
<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. 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				

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Brigade Complex, Inc 4	5. PROJECT NUMBER  65935
--	--------------------------------

ADDITIONAL: (CONTINUED)  
2802(c), and other applicable laws and Executive Orders.

	FY2007 (\$000)	FY2008 (\$000)	FY2009 (\$000)	Requested FY2010 (\$000)
Authorization	\$408,000	\$0	\$0	\$0
Authorization of Appropriation	\$102,000	\$102,000	\$102,000	\$102,000
Appropriation	\$102,000	\$102,000	\$102,000	\$102,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... FEB 2006
    - (b) Percent Complete As Of January 2009..... 100.00
    - (c) Date 35% Designed..... MAY 2006
    - (d) Date Design Complete..... OCT 2006
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (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..... 13,586
    - (b) All Other Design Costs..... 7,340
    - (c) Total Design Cost..... 20,926
    - (d) Contract..... 13,586
    - (e) In-house..... 7,340
  
  - (4) Construction Contract Award..... JAN 2007
  
  - (5) Construction Start..... MAR 2007
  
  - (6) Construction Completion..... NOV 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Brigade Complex, Inc 4	5. PROJECT NUMBER  65935
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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>
Info Sys - ISC	OPA	2011	1,883
		TOTAL	<u>1,883</u>

Installation Engineer: Steve Perrenot  
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 66531	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>					3,254
Modified Record Fire Range	FP	16 --		153,302	(2,453)
Range Operation & Control Area	EA	1 --		30,153	(30)
Range Control Tower	m2 (SF)	23.78 ( 256)		3,151	(75)
Range Operations & Storage	m2 (SF)	74.32 ( 800)		2,454	(182)
Classroom Building	m2 (SF)	74.32 ( 800)		2,701	(201)
Total from Continuation page					(313)
<u>SUPPORTING FACILITIES</u>					424
Electric Service	LS	--		--	(74)
Paving, Walks, Curbs & Gutters	LS	--		--	(114)
Storm Drainage	LS	--		--	(12)
Site Imp( 96) Demo( )	LS	--		--	(96)
Information Systems	LS	--		--	(128)
ESTIMATED CONTRACT COST					3,678
CONTINGENCY (5.00%)					184
SUBTOTAL					3,862
SUPV, INSP & OVERHEAD (5.70%)					220
TOTAL REQUEST					4,082
TOTAL REQUEST (ROUNDED)					4,100
INSTALLED EQT-OTHER APPROP					(1,017)
10. Description of Proposed Construction Construct a standard design Modified Record Fire (MRF) Range. Primary facilities include the MRF range, target range operation and control area, site development, range operations tower, classroom building, ammunition breakdown building, bleacher enclosure, range operations and storage building, latrine, covered mess, and building information systems. Supporting facilities include electric service, paving, site improvements, and building 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:	16 FP	ADQT:	NONE	SUBSTD:	10 FP
PROJECT: Construct a standard design Modified Record Fire (MRF) Range at Fort Lewis, Washington. (Current Mission).					
REQUIREMENT: This project is required to support annual weapons training at Fort Lewis. 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 M16 & M4 rifles. This range combines the capabilities of multiple ranges using target densities and lane widths. Modern, target dense training environments are important skill qualifiers for individual Soldiers. This range supports the installation Range					

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Fort Lewis, Washington

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 66531
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	18.58 ( 200)	3,800	(71)
Covered Mess Shelter	m2 (SF)	74.32 ( 800)	1,216	(90)
Ammunition Breakdown Building	m2 (SF)	11.15 ( 120)	2,475	(28)
Bleacher Enclosure	m2 (SF)	54.44 ( 586)	1,216	(66)
SDD and EPAct05	LS	--	--	(11)
Antiterrorism Measures	LS	--	--	(11)
Building Information Systems	LS	--	--	(36)
			Total	313

REQUIREMENT: (CONTINUED)  
Development Plan and the individual skill training and weapons qualification requirements 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 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. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  66531
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... SEP 2009
  - (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..... 192
  - (b) All Other Design Costs..... 383
  - (c) Total Design Cost..... 575
  - (d) Contract..... 375
  - (e) In-house..... 200
  
- (4) Construction Contract Award..... MAR 2010
  
- (5) Construction Start..... APR 2010
  
- (6) Construction Completion..... APR 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Modified Record Fire Range	5. PROJECT NUMBER  66531
--	--------------------------------

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>
Infantry Targets	OPA	2010	1,006
Info Sys - ISC	OPA	2011	11
		TOTAL	<u>1,017</u>

Installation Engineer: Steven Perrenot  
Phone Number: 253-967-3191

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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				
69398	Fuel System Ph 6	12,000	12,000	N	573
69403	Fuel System Ph 7	5,000	5,000	N	577
71488	Coalition Operation Center	49,000	49,000	N	581
71489	Barracks	18,500	18,500	N	584
71491	APS Compound	38,000	38,000	N	587
71493	Perimeter Fence and Guard Towers	7,000	7,000	N	590
72095	Aviation Support Facility	2,600	2,600	N	593
72126	Command and Control Facility	38,000	38,000	N	596
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	Subtotal Afghanistan Various Part I	\$ 170,100	170,100		
	* TOTAL MCA FOR Afghanistan	\$ 170,100	170,100		

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)				4. PROJECT TITLE Fuel System Ph 6		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 411	7. PROJECT NUMBER 69398		8. PROJECT COST (\$000) Auth 12,000 Approp 12,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,202
Fuel Storage System		m3 (CY)	4,164 ( 5,446)		2,432	(10,127)
Information Systems		LS	--		--	(75)
<u>SUPPORTING FACILITIES</u>						497
Electric Service		LS	--		--	(150)
Paving, Walks, Curbs & Gutters		LS	--		--	(50)
Site Imp( 119) Demo( )		LS	--		--	(119)
Antiterrorism Measures		LS	--		--	(88)
Information Systems		LS	--		--	(90)
ESTIMATED CONTRACT COST						10,699
CONTINGENCY (5.00%)						535
SUBTOTAL						11,234
SUPV, INSP & OVERHEAD (7.70%)						865
TOTAL REQUEST						12,099
TOTAL REQUEST (ROUNDED)						12,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a Bulk Fuel Storage System. This is phase 6 of an 8 phase project. Phase 1, PN 67384 for \$9.5M and Phase 2, PN 65556 for \$25M, were included in the FY07 GWOT Supplemental program. Phase 3, PN 69393 for \$23M and Phase 4, PN 69395 for \$21M, were included in the FY08 GWOT Supplemental program. Phase 5, PN 69396 for \$22M and phase 8, PN 70023 for \$26M, were both included in the FY09 MCA Supplemental program. This is Phase 6, for \$12M. Phase 7, PN 69403 for \$5M will be submitted in the FY10 MCA program. The storage system provides storage tanks for 4,164 Cubic Meters (1.1 MGallons) of fuel, pumps, filters, equipment/controls, and lines. Supporting facilities include site work, electrical, and information systems.						
11. REQ: 45,425 m3 ADQT: 35,961 m3 SUBSTD: 9,464 m3 PROJECT: Construct Bulk Fuel Storage System at Bagram Airfield (BAF), Afghanistan. (Current Mission). REQUIREMENT: This project is required to provide Bagram Airfield the capability to store a minimum of 12 million gallons (45,425 Cubic Meters) of fuel at any time of the year, including harsh winter months and holiday seasons to effectively perform its mission. Previous Air Force and Army projects have provided a total of 6,710,000 gallons of fuel. The requirement was reviewed by Defense Energy Support Center (DESC) and was validated by U.S.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan (Afghanistan Various)		
4. PROJECT TITLE  Fuel System Ph 6	5. PROJECT NUMBER  69398	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>Central Command in their Master Plan Prioritization List. This project will provide 1.1M gallons of permanent protective storage. Fuel bladders will serve as supplemental storage and are needed until completion of the remaining 2 phases of the fuel system.</p> <p><u>CURRENT SITUATION:</u> Bagram Airfield currently is an enduring installation based on the USCENTCOM Integrated Master Plan. The sole method for fuel delivery is via host nation contractors in fuel trucks. The normal supply route takes a minimum of 7-8 days through mountain passes. Delays from harsh weather or holidays can cause delivery time to double, putting Bagram below the minimum fuel-storage requirement, and jeopardizing operations. During one period of interrupted deliveries, it was necessary to use C-17's to move 47,000 gallons of fuel in order to continue combat missions. Such shortfalls are likely to be more frequent with the additional demand from recently relocated aircraft. Current fuel storage bladders are used to supplement storage tanks. These bladders are vulnerable to mortar and rocket attack, placing the mission at risk for catastrophic explosive loss. These bladders require replacement every 3 years, for a cost of \$1M, for a storage bladder of 210,000 gallons. Bagram currently has 10,190,000 gallons of bladders currently deployed to its location. Additional costs are also incurred due to the operational costs of Tactical equipment versus permanent facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If not provided, the majority of Bagram's fuel storage capacity will remain exposed to catastrophic loss from enemy mortar and rocket attacks, and personnel will be exposed to the danger of fire and explosions. Bagram's current mission, as well as additional missions brought by the closing of Karshi-Khanabad, will be at risk of mission interruption due to fuel shortages. Harsh weather conditions, along with increased fuel demand due to Karshi-Khanabad closure, will force increased reliance on the current system, which does not provide the necessary hardening, redundancy, or capability. In the meantime, Bagram will continue to consume time and resources maintaining an "expeditionary" fuel farm consisting of bladders, portable fuel bladders, and hoses that are replaced frequently.</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 will be incorporated where feasible.</p>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Fuel System Ph 6	5. PROJECT NUMBER  69398
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	Authorization	Authorization of Appropriation	Appropriation
2007 (Ph 1)	\$9,500	\$9,500	\$9,500
2008 (Ph 2)	\$25,000	\$25,000	\$25,000
2008 (Ph 3)	\$23,000	\$23,000	\$23,000
2008 (Ph 4)	\$21,000	\$21,000	\$21,000
2008 (Ph 5)	\$22,000	\$22,000	\$22,000
2008 (Ph 8)	\$26,000	\$26,000	\$26,000
2008 (Ph 6)	\$12,000	\$12,000	\$12,000
2008 (Ph 7)	\$5,000	\$5,000	\$5,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	APR 2009
(b) Percent Complete As Of January 2009.....	.00
(c) Date 35% Designed.....	NOV 2009
(d) Date Design Complete.....	FEB 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: NO

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

(a) Production of Plans and Specifications.....	559
(b) All Other Design Costs.....	447
(c) Total Design Cost.....	1,006
(d) Contract.....	559
(e) In-house.....	447

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Fuel System Ph 6	5. PROJECT NUMBER  69398
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- (4) Construction Contract Award..... MAR 2010
- (5) Construction Start..... APR 2010
- (6) Construction Completion..... MAR 2011

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>
NONE			

Installation Engineer: LTC Russell K. Sears

Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)				4. PROJECT TITLE Fuel System Ph 7		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 141	7. PROJECT NUMBER 69403		8. PROJECT COST (\$000) Auth 5,000 Approp 5,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,820
Fueling/POL Support Facilities		m2 (SF)	670 ( 7,212)		4,030	(2,700)
Building Information Systems		LS	--		--	(120)
<u>SUPPORTING FACILITIES</u>						1,626
Electric Service		LS	--		--	(300)
Water, Sewer, Gas		LS	--		--	(300)
Paving, Walks, Curbs & Gutters		LS	--		--	(303)
Site Imp( 148) Demo( )		LS	--		--	(148)
Information Systems		LS	--		--	(165)
Antiterrorism Measures		LS	--		--	(410)
ESTIMATED CONTRACT COST						4,446
CONTINGENCY (5.00%)						222
SUBTOTAL						4,668
SUPV, INSP & OVERHEAD (7.70%)						359
TOTAL REQUEST						5,027
TOTAL REQUEST (ROUNDED)						5,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct Petroleum/Oil/Lubrication (POL) operations, laboratory, and support facilities for the fuel system at Bagram Air Base. This is phase 7 of an 8 phase project. Phase 1, PN 67384 for \$9.5M and Phase 2, PN 65556 for \$25M, were included in the FY07 GWOT Supplemental program. Phase 3, PN 69393 for \$23M and Phase 4, PN 69395 for \$21M, were included in the FY08 GWOT Supplemental program. Phase 5, PN 69396 for \$22M and phase 8, PN 70023 for \$26M, were both included in the FY09 MCA Supplemental program. Phase 6, PN 69398 for \$12M will be submitted in the FY10 MCA program. This is Phase 7, for \$5M. Facilities include a laboratory for conducting prescribed tests to assure that fuel products conform to military specifications, ready room for fuel operators, administrative offices, fuels control center, bathrooms and locker rooms, conference and classrooms, vehicle checkpoint and operator maintenance room, and an emergency shower/eyewash in the work area. The storage area will include warehouse space, bathroom, and office space. Antiterrorism/Forces Protection measures will be included. Supporting facilities include electric service, water, sewer, gas, paving, walks, curbs and gutters, site improvements and information systems.						
11. REQ:		1,785 m2	ADQT:		1,115 m2	SUBSTD: 670 m2
PROJECT: Construct a fuel system, Phase 7, at Bagram Air Base, Afghanistan.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan (Afghanistan Various)		
4. PROJECT TITLE  Fuel System Ph 7	5. PROJECT NUMBER  69403	
<p>PROJECT: (CONTINUED) (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide Bagram Air Base the capability to receive, store, and dispense a minimum of twelve (12) million gallons (45,425 CM) of fuel in support of Operation Enduring Freedom (OEF). This requirement was reviewed by Defense Energy Support Center (DESC) and was validated by USCENTCOM in their Master Project Prioritization List. This project will provide maintenance space, classrooms, checkpoint, and a facility to perform laboratory and administrative functions inherent to POL operations. It will also provide a warehouse and a facility for bulk storage administration.</p> <p><u>CURRENT SITUATION:</u> Currently POL operations on Bagram Air Base are managed from converted steel shipping containers and tents. POL managers are located in three separate containers and two tents. The weather conditions in Afghanistan range from freezing cold in the winter and very hot in the summer; this range in temperatures has long term effects on the computer systems currently used to manage approximately 10 million US gallons (USG) at four locations on Bagram Air Base. Safety and administrative training is conducted in the larger of the two tents. The use of a tent is not an effective facility for training. The second tent also serves as the dispatch office for the fuel tankers that provide fuel service around Bagram Air Base. These tents &amp; containers are located in the south fuel system in close proximity to the fuel storage bladders which are expeditionary and vulnerable to mortar and rocket attacks. This places the personnel and fuel assets at risk to catastrophic loss from fire or explosion.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If not provided, fuel personnel and assets without sustainable facilities will continue to be at risk to hostile actions. Tents and containers do not provide any protection from potential rocket or mortar attacks. If a rocket or mortar were to hit the fuel supply which is in expeditionary bladders, catastrophic loss could occur. Furthermore, personnel and systems will continue to be subjected to the severe weather conditions of Afghanistan and additional funds will be used thru the frequent replacement of expeditionary fuel assets.</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.</p>		

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Fuel System Ph 7	5. PROJECT NUMBER  69403
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	Authorization	Authorization of Appropriation	Appropriation
2007 (Ph 1)	\$9,500	\$9,500	\$9,500
2008 (Ph 2)	\$25,000	\$25,000	\$25,000
2008 (Ph 3)	\$23,000	\$23,000	\$23,000
2008 (Ph 4)	\$21,000	\$21,000	\$21,000
2008 (Ph 5)	\$22,000	\$22,000	\$22,000
2008 (Ph 8)	\$26,000	\$26,000	\$26,000
2008 (Ph 6)	\$12,000	\$12,000	\$12,000
2008 (Ph 7)	\$5,000	\$5,000	\$5,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>APR 2009</u>
(b) Percent Complete As Of January 2009.....	<u>.00</u>
(c) Date 35% Designed.....	<u>NOV 2009</u>
(d) Date Design Complete.....	<u>FEB 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: NO

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

(a) Production of Plans and Specifications.....	<u>233</u>
(b) All Other Design Costs.....	<u>186</u>
(c) Total Design Cost.....	<u>419</u>
(d) Contract.....	<u>233</u>
(e) In-house.....	<u>186</u>

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

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Fuel System Ph 7	5. PROJECT NUMBER  69403
--	--------------------------------

- (5) Construction Start..... APR 2010
- (6) Construction Completion..... MAR 2011

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>
NA			

Installation Engineer: LTC Russell K. Sears

Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)				4. PROJECT TITLE Coalition Operation Center		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71488		8. PROJECT COST (\$000) Auth 49,000 Approp 49,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						37,749
Coalition Operations Center		m2 (SF)	11,000 ( 118,403)		2,993	(32,923)
Antiterrorism Measures		LS	--		--	(350)
Building Information Systems		LS	--		--	(4,476)
<u>SUPPORTING FACILITIES</u>						5,708
Electric Service		LS	--		--	(764)
Water, Sewer, Gas		LS	--		--	(623)
Paving, Walks, Curbs & Gutters		LS	--		--	(704)
Storm Drainage		LS	--		--	(40)
Site Imp( 704) Demo( )		LS	--		--	(704)
Information Systems		LS	--		--	(1,767)
Antiterrorism Measures		LS	--		--	(1,106)
ESTIMATED CONTRACT COST						43,457
CONTINGENCY (5.00%)						2,173
SUBTOTAL						45,630
SUPV, INSP & OVERHEAD (7.70%)						3,514
TOTAL REQUEST						49,144
TOTAL REQUEST (ROUNDED)						49,000
INSTALLED EQT-OTHER APPROP						(4,713)
10. Description of Proposed Construction Construct a Coalition Operations Center (COC). Primary facilities include administrative space, conference rooms, secure rooms/Sensitive Compartmented Information Facility (SCIF), training areas, command center, communications areas, day rooms, and entry control space. Supporting facilities include electrical, mechanical, water, sewage distribution systems, information systems, parking, walks, curbs, site work and drainage. Antiterrorism/Force Protection measures will be included. Air Conditioning (Estimated 395 kWr/112 Tons).						
11. REQ: 11,000 m2 ADQT: NONE SUBSTD: 11,000 m2						
PROJECT: Construct a Coalition Operations Facility with a SCIF at Bagram Airfield (BAF), Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide BAF with a Command and Control facility for the Coalition Headquarters.						
CURRENT SITUATION: BAF currently is an enduring installation based on the USCENTCOM Master Plan. BAF does not have a Command and Control Facility for US Combined Joint Division Headquarters. Currently, the Division Joint Operations Center is located inside a relocatable building (RLB), which was constructed inside of a deteriorating Soviet-era hangar. Furthermore, additional administrative space for the Division Headquarters is located in RLBs that are						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Coalition Operation Center	5. PROJECT NUMBER  71488
--	--------------------------------

CURRENT SITUATION: (CONTINUED)

not co-located.

IMPACT IF NOT PROVIDED: If this project is not provided, Command and Control (C2) will continue to operate out of facilities that are degraded and inadequate to meet the security, force protection, and sustainable infrastructure needs of the US Headquarters, responsible for all US Forces in Afghanistan. The day to day missions will continue to be directed from inadequate facilities lacking proper C2 capability and physical protection.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2009
  - (b) Percent Complete As Of January 2009..... .00
  - (c) Date 35% Designed..... NOV 2009
  - (d) Date Design Complete..... JAN 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: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 2,289
  - (b) All Other Design Costs..... 1,831
  - (c) Total Design Cost..... 4,120
  - (d) Contract..... 2,289
  - (e) In-house..... 1,831
  
- (4) Construction Contract Award..... FEB 2010
  
- (5) Construction Start..... MAR 2010
  
- (6) Construction Completion..... OCT 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Coalition Operation Center	5. PROJECT NUMBER  71488
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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>
Info Sys - ISC	OPA	2011	4,713
TOTAL			4,713

Installation Engineer: LTC Russell K. Sears  
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)			4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 721	7. PROJECT NUMBER 71489	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>					14,411
Barracks	m2 (SF)		8,480 ( 91,278)	1,600	(13,568)
Antiterrorism Measures	LS		--	--	(150)
Building Information Systems	LS		--	--	(693)
<u>SUPPORTING FACILITIES</u>					2,135
Electric Service	LS		--	--	(230)
Water, Sewer, Gas	LS		--	--	(951)
Paving, Walks, Curbs & Gutters	LS		--	--	(314)
Site Imp( 398) Demo( )	LS		--	--	(398)
Information Systems	LS		--	--	(8)
Antiterrorism Measures	LS		--	--	(234)
ESTIMATED CONTRACT COST					16,546
CONTINGENCY (5.00%)					827
SUBTOTAL					17,373
SUPV, INSP & OVERHEAD (7.70%)					1,338
TOTAL REQUEST					18,711
TOTAL REQUEST (ROUNDED)					18,500
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct Contingency Standard Design Barracks. Facilities include four(4) barracks, to provide housing for 640 military personnel. Supporting facilities include electrical, water, & sewage distribution systems, mechanical systems, information systems, site improvemnets, roads, drainage, and parking. Antiterrorism/Force Protection measures will be included. Air Conditioning (Estimated 305 kW/87 Tons).					
11. REQ: 2,880 PN ADQT: 1,280 PN SUBSTD: 1,600 PN PROJECT: Construct barracks to provide force protection for 640 military personnel at Bagram Air Base. (Current Mission) REQUIREMENT: This project is required to provide barracks where they are reasonably protected from indirect fire attacks. Additionally, the barracks will afford improved protection from the extreme weather conditions thereby enhancing the quality of life for soldiers on 12-15 month rotations at Bagram Air Base. CURRENT SITUATION: The harsh Afghanistan environment has deteriorated Bagram Air Base's current billeting, which is made up of plywood and wood frame huts. Existing billeting does not allow for appropriate fire protection in most areas. The plywood and wood frame billets will not last much longer and will not be ready to meet surge requirements in the near future. Bagram Air Base					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																						
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan (Afghanistan Various)																								
4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  71489																							
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>has a steady-state requirement for 2,880 personnel. This project will house another 640 service members.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Failure to provide hardened barracks 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 and wood frame huts that pose a fire hazard, are not properly insulated causing continuous exposure to the elements, and cannot maintain recommended room temperatures (IAW the American Society of Heating, Refrigerating, and Air-Conditioning Handbook).</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.</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>APR 2009</td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td>.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>NOV 2009</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>FEB 2010</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>NO</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>856</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>685</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>1,541</td> </tr> <tr> <td>(d) Contract.....</td> <td>856</td> </tr> <tr> <td>(e) In-house.....</td> <td>685</td> </tr> </table> <p>(4) Construction Contract Award..... MAR 2010</p> <p>(5) Construction Start..... APR 2010</p> <p>(6) Construction Completion..... APR 2012</p>			(a) Date Design Started.....	APR 2009	(b) Percent Complete As Of January 2009.....	.00	(c) Date 35% Designed.....	NOV 2009	(d) Date Design Complete.....	FEB 2010	(e) Parametric Cost Estimating Used to Develop Costs	NO	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	856	(b) All Other Design Costs.....	685	(c) Total Design Cost.....	1,541	(d) Contract.....	856	(e) In-house.....	685
(a) Date Design Started.....	APR 2009																							
(b) Percent Complete As Of January 2009.....	.00																							
(c) Date 35% Designed.....	NOV 2009																							
(d) Date Design Complete.....	FEB 2010																							
(e) Parametric Cost Estimating Used to Develop Costs	NO																							
(f) Type of Design Contract: Design-bid-build																								
(a) Production of Plans and Specifications.....	856																							
(b) All Other Design Costs.....	685																							
(c) Total Design Cost.....	1,541																							
(d) Contract.....	856																							
(e) In-house.....	685																							

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  71489
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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>
NA			

Installation Engineer: LTC Russell K. Sears  
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)				4. PROJECT TITLE APS Compound		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 441	7. PROJECT NUMBER 71491		8. PROJECT COST (\$000) Auth 38,000 Approp 38,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						27,546
Controlled Humidity Warehouses		m2 (SF)	16,723 ( 180,000)		618.59	(10,344)
Vehicle Maintenance Facilities		m2 (SF)	5,644 ( 60,750)		1,485	(8,383)
6 Megawatt Power Plant		EA	1 --		8400000	(8,400)
Sun Shelters, 2 each		m2 (SF)	232.26 ( 2,500)		378.88	(88)
IDS Installation		LS	--		--	(71)
Building Information Systems		LS	--		--	(260)
SUPPORTING FACILITIES						5,064
Electric Service		LS	--		--	(1,393)
Water, Sewer, Gas		LS	--		--	(1,378)
Paving, Walks, Curbs & Gutters		LS	--		--	(894)
Site Imp( 832) Demo( )		LS	--		--	(832)
Information Systems		LS	--		--	(316)
Antiterrorism Measures		LS	--		--	(251)
ESTIMATED CONTRACT COST						32,610
CONTINGENCY (5.00%)						1,631
SUBTOTAL						34,241
SUPV, INSP & OVERHEAD (7.70%)						2,637
DESIGN/BUILD - DESIGN COST						1,370
TOTAL REQUEST						38,248
TOTAL REQUEST (ROUNDED)						38,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct six storage buildings, three vehicle maintenance buildings, two sunshades with lighting, and electrical power generation plant. Storage and maintenance facilities will include fire detection and suppression systems, electrical system, installation of Intrusion Detection System (IDS), communications, and HVAC and Humidity Control systems. The maintenance facilities will include vehicle exhaust systems in the maintenance bays. Supporting facilities include utilities, two water wells with distribution system; security lighting; storm drainage; parking; vehicle access drives; signage; site preparation; and information systems. Antiterrorism/Force Protection measures will be included. Air Conditioning (Estimated 600 kWr/171 Tons).						
11. REQ:		22,367 m2	ADQT:		NONE	SUBSTD: 22,367 m2
PROJECT: Construct an Army Pre-Position Stock (APS) Compound at Bagram Air Base, Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide Bagram Air Base with an APS Compound to support tactical vehicle storage and maintenance for the assigned vehicles and equipment of one Mobilization Augmentation Light Infantry Battalion, one Light Infantry Battalion, and one Forward Support Company. All						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  APS Compound	5. PROJECT NUMBER  71491
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REQUIREMENT: (CONTINUED)  
 APS stockpiles will contain operational project stocks designed in concert with the Army Service Component Command (ASCC) to support Combatant Commander (COCOM) requirements and appropriate sustainment stocks.  
CURRENT SITUATION: Existing facilities at Bagram Air Base are not available to support APS requirements. As a result, the APS equipment set would be stored in open desert environment and exposed to the harsh Afghanistan weather. The damage caused to equipment by exposure to the harsh climate increases maintenance costs and reduces equipment readiness. Current maintenance operations are conducted in temporary Sprung Shelters that have outlived their useful life.  
IMPACT IF NOT PROVIDED: If this project is not provided, CENTCOM will not have the approved APS facilities they are depending on for 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.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... FEB 2009
    - (b) Percent Complete As Of January 2009..... .00
    - (c) Date 35% Designed..... FEB 2010
    - (d) Date Design Complete..... MAY 2010
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (f) Type of Design Contract: Design-build
  
  - (2) Basis:
    - (a) Standard or Definitive Design: YES
    - (b) Where Most Recently Used:  
Qatar
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 861
    - (b) All Other Design Costs..... 517
    - (c) Total Design Cost..... 1,378
    - (d) Contract..... 861
    - (e) In-house..... 517
  
  - (4) Construction Contract Award..... JAN 2010
  - (5) Construction Start..... MAR 2010
  - (6) Construction Completion..... DEC 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  APS Compound	5. PROJECT NUMBER  71491
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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>
NA			

Installation Engineer: LTC Russell K. Sears  
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)			4. PROJECT TITLE Perimeter Fence and Guard Towers		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 872	7. PROJECT NUMBER 71493	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>				4,483	
Security Fencing	m (LF)	5,200 ( 17,060)	428.76	(2,230)	
Guard Towers	EA	6 --	142,800	(857)	
Anti-vehicle Ditch	m (LF)	5,200 ( 17,060)	36.72	(191)	
Underground Electric Lines	m2 (SF)	5,200 ( 55,972)	201.96	(1,050)	
Antiterrorism Measures	LS	--	--	(120)	
Building Information Systems	LS	--	--	(35)	
<u>SUPPORTING FACILITIES</u>				1,747	
Paving, Walks, Curbs & Gutters	LS	--	--	(150)	
Site Imp( 25) Demo( )	LS	--	--	(25)	
Information Systems	LS	--	--	(1,572)	
ESTIMATED CONTRACT COST				6,230	
CONTINGENCY (5.00%)				312	
SUBTOTAL				6,542	
SUPV, INSP & OVERHEAD (7.70%)				504	
TOTAL REQUEST				7,046	
TOTAL REQUEST (ROUNDED)				7,000	
INSTALLED EQT-OTHER APPROP				( )	
10. Description of Proposed Construction Construct Eastern perimeter fence & guard towers. Project includes security fencing, guard towers, anti-vehicle ditch, underground electrical lines, building information systems and antiterrorism/force protection measures. Supporting facilities include utilities, paving, security lighting, information systems and site improvements.					
11. REQ: 5,200 m ADQT: NONE SUBSTD: 5,200 m					
PROJECT: Construct Perimeter Fence and Guard Towers at Bagram Air Base, Afghanistan. (Current Mission)					
REQUIREMENT: This project is required to provide security to support the populaton at Bagram Air Base that is increasing significantly, and the additional facilities to support the population and their mission. Security fencing does not exist in these Bagram Air Base areas of expansion. As a result, the extension of security fencing, guard towers, and security monitoring is required to support this expansion and provide physical security.					
CURRENT SITUATION: All of Bagram Air Base's land is not currently fenced in. The lack of a physically secure perimeter does not provide adequate security and protection of US Forces. This project will allow Bagram Air Base to					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Perimeter Fence and Guard Towers	5. PROJECT NUMBER  71493
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CURRENT SITUATION: (CONTINUED)  
provide physical security and monitoring of all its land on the east side of the base. Several future construction projects are sited in this eastern expansion area.  
IMPACT IF NOT PROVIDED: If this project is not provided, current troops and facilities are vulnerable to increased threat levels, and required facility expansion will be limited.  
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.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... APR 2009
    - (b) Percent Complete As Of January 2009..... .00
    - (c) Date 35% Designed..... AUG 2009
    - (d) Date Design Complete..... JAN 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: NO
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 327
    - (b) All Other Design Costs..... 262
    - (c) Total Design Cost..... 589
    - (d) Contract..... 327
    - (e) In-house..... 262
  
  - (4) Construction Contract Award..... APR 2010
  
  - (5) Construction Start..... APR 2010
  
  - (6) Construction Completion..... NOV 2010

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Perimeter Fence and Guard Towers	5. PROJECT NUMBER  71493
--	--------------------------------

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>
NA			

Installation Engineer: LTC Russell K. Sears  
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)				4. PROJECT TITLE Aviation Support Facility		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 141	7. PROJECT NUMBER 72095		8. PROJECT COST (\$000) Auth 2,600 Approp 2,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,647
Aviation Support Facility		m2 (SF)	650 ( 6,997)		2,451	(1,593)
Antiterrorism Measures		LS	--		--	(32)
Building Information Systems		LS	--		--	(22)
<u>SUPPORTING FACILITIES</u>						671
Electric Service		LS	--		--	(74)
Water, Sewer, Gas		LS	--		--	(205)
Site Imp( 90) Demo( )		LS	--		--	(90)
Information Systems		LS	--		--	(10)
Antiterrorism Measures		LS	--		--	(51)
Other		LS	--		--	(241)
ESTIMATED CONTRACT COST						2,318
CONTINGENCY (5.00%)						116
SUBTOTAL						2,434
SUPV, INSP & OVERHEAD (7.70%)						187
TOTAL REQUEST						2,621
TOTAL REQUEST (ROUNDED)						2,600
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct an Aviation Support Facility for an aviation detachment. Project includes aircrew support, administrative areas, equipment storage, sheet metal fabrication, equipment repair and servicing, antiterrorism measures and building information systems. Supporting facilities include utilities, fire suppression/detection, information systems, paving, and site improvements. Antiterrorism/Force Protection will be included. Air Conditioning (Estimated 25 kW/7 Tons).						
11. REQ: 650 m2 ADQT: NONE SUBSTD: 650 m2						
PROJECT: Construct an Aviation Support Facility for the Combined Joint Special Operations Air Detachment (CJSOAD) at Bagram Air Base, Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide aircrew support, aircraft skin maintenance/battle damage repair, critical asset storage, and a Special Operations Forces (SOF) aircrew mission preparation facility for CJSOAD Low Density/High Demand (LD/HD) air assets. CJSOAD requires a dedicated and secured area to Command and Control operations, and to store, service, and safeguard critical life support and sensitive night vision equipment.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Aviation Support Facility	5. PROJECT NUMBER  72095
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CURRENT SITUATION: Since 2002, CJSOAD has been operating and maintaining a detachment of AC-130s and MC-130s on the flightline at Bagram Air Base in an austere work environment and under poor weather conditions. The few existing flightline facilities used by CJSOAD are temporary and expeditionary facilities which include wooden B-Huts, a fabric clamshell, and a K-SPAN. The B-Huts have far exceeded their life expectancy and have been vacated. Due to extreme winter weather conditions at Bagram Air Base, aircraft maintenance is hindered throughout a 7-month period beginning in November with freezing conditions, and continues through May with excessive wind conditions. With excessive cold weather, snow, and rain in the winter months, timely and safe maintenance of sheet metal/battle damage repair support to aircraft, aircraft ground equipment maintenance and storage is critical.

IMPACT IF NOT PROVIDED: The CJSOAD will continue to support its vital mission in inadequate temporary/expeditionary facilities in a harsh environment. A new facility is crucial to continued and sustained operational combat support for SOF and conventional forces operating throughout Afghanistan. Without a new facility, crews will continue to work in temporary/inadequate facilities and assets will be placed in open storage and operations will be conducted in portable shelters.

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.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... APR 2009
    - (b) Percent Complete As Of January 2009..... .00
    - (c) Date 35% Designed..... NOV 2009
    - (d) Date Design Complete..... FEB 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: NO
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 123
    - (b) All Other Design Costs..... 98
    - (c) Total Design Cost..... 221
    - (d) Contract..... 123
    - (e) In-house..... 98
  
  - (4) Construction Contract Award..... MAR 2010

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Aviation Support Facility	5. PROJECT NUMBER  72095
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2010

(6) Construction Completion..... APR 2011

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 Russell K. Sears  
Phone Number: 404-464-4893

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan (Afghanistan Various)			4. PROJECT TITLE Command and Control Facility		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 141	7. PROJECT NUMBER 72126	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>					25,160
Administrative Facility with SC	m2 (SF)	2,800	( 30,139)	2,898	(8,114)
Communications Center	m2 (SF)	950	( 10,226)	2,898	(2,753)
Tactical Ops Facilities	m2 (SF)	1,115	( 12,002)	2,698	(3,008)
Vehicle Maintenance Facility	m2 (SF)	1,000	( 10,764)	2,698	(2,698)
Entry Control Point	LS	--	--	--	(1,498)
Total from Continuation page					(7,089)
<u>SUPPORTING FACILITIES</u>					8,030
Electric Service	LS	--	--	--	(1,913)
Water, Sewer, Gas	LS	--	--	--	(1,109)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(555)
Storm Drainage	LS	--	--	--	(277)
Site Imp( 374) Demo( )	LS	--	--	--	(374)
Information Systems	LS	--	--	--	(2,693)
Antiterrorism Measures	LS	--	--	--	(1,109)
ESTIMATED CONTRACT COST					33,190
CONTINGENCY (5.00%)					1,660
SUBTOTAL					34,850
SUPV, INSP & OVERHEAD (7.70%)					2,683
TOTAL REQUEST					37,533
TOTAL REQUEST (ROUNDED)					38,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct Operational Support Facilities for the Joint Special Operations Task Force (JSOTF) Headquarters(HQ). Primary facilities will include an Administrative Facility with Secure Compartmented Information Facility(SCIF); Multi-purpose MWR Support to include Theater, Fitness Center, Laundry, Chapel, and Community Activity Center; Vehicle Maintenance Facility; Tactical Operations Facilities; and an Entry Control Point. Supporting facilities include electrical distribution and transformers, water and sewage distribution system, mechanical systems, site improvements, information systems, paving, walks, curbs and gutters, site work, drainage and landscaping. Anti-Terrorism & Force Protection (AT/FP) measures will be included. Air Conditioning (Estimated 300 Tons).					
11. REQ: 8,034 m2 ADQT: NONE SUBSTD: 8,034 m2 PROJECT: Construct Operational Support Facilities for the Joint Special Operations Task Force (JSOTF), Bagram Air Base, Afghanistan. (Current Mission) REQUIREMENT: This project is required to support the JSOTF for all operations in Afghanistan. The JSOTF must consolidate its facilities at Bagram Air Base. Consolidation of all JSOTF functions into one compound will also significantly improve operational effectiveness. These facilities are required to augment and support PN 70037, FY09, SOF HQ Complex.					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Command and Control Facility	5. PROJECT NUMBER  72126
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Multi-Purpose MWR Support	m2 (SF)	2,169 ( 23,347)	2,698	(5,852)
Antiterrorism Measures	LS	--	--	(408)
Building Information Systems	LS	--	--	(829)
			Total	7,089

CURRENT SITUATION: The current JSOTF facilities are wood structures, not capable of withstanding attack from incoming projectiles. The current JSOTF support facilities were built by troop labor and not suitable for meeting operational needs and are in failing condition. These current facilities are used for: Administrative, Community Activities, Vehicle Maintenance, Communications Center, and Entry Control Point.

IMPACT IF NOT PROVIDED: Failure to provide this project will hinder JSOTF operations in Afghanistan, allowing military and civilian personnel to remain in higher risk facilities. Failure to provide adequate facilities will place deployed personnel at unnecessary risk and will have negative consequences on combat operations supporting Operation Enduring Freedom.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	APR 2009
(b) Percent Complete As Of January 2009.....	.00
(c) Date 35% Designed.....	NOV 2009
(d) Date Design Complete.....	FEB 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: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,762
(b) All Other Design Costs.....	1,409
(c) Total Design Cost.....	3,171
(d) Contract.....	1,762
(e) In-house.....	1,409

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan (Afghanistan Various)

4. PROJECT TITLE  Command and Control Facility	5. PROJECT NUMBER  72126
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... MAR 2010
- (5) Construction Start..... MAY 2010
- (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>
NA			

Installation Engineer: LTC Russell K. Sears  
Phone Number: 404-464-4893

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)					601
	Ansbach					
63394	Barracks		17,500	17,500	C	603
69616	Barracks		14,200	14,200	C	606
	Kaiserslautern	Kleber Kaserne				
66596	Barracks		20,000	20,000	C	609
	Kaiserslautern	Landstuhl Hospital				
70000	Warrior in Transition (WT) Complex		25,000	25,000	N	612
	Subtotal Germany Various Part I		\$ 76,700	76,700		
	* TOTAL MCA FOR Germany		\$ 76,700	76,700		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM		2. DATE 12 MAY 2009				
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 31 OCT 2008	5919	32574	18196	0	329	16	2985 5971 19084 85,074
B. END FY 2015	5107	21235	14250	0	209	22	2971 5938 18790 68,522
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.....							1,387,372
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							76,700
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD
G. REMAINING DEFICIENCY.....							TBD
H. GRAND TOTAL.....							TBD
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
721	63394	Barracks			17,500	07/2008	10/2009
721	66596	Barracks			20,000	04/2008	10/2009
721	69616	Barracks			14,200	07/2008	10/2009
721	70000	Warrior in Transition (WT) Complex			25,000	11/2007	09/2010
TOTAL					76,700		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE		PROJECT TITLE			(\$000)		
A. REQUESTED IN THE FY 2011 PROGRAM:					TBD		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):					TBD		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					TBD		
10. MISSION OR MAJOR FUNCTIONS:							
<p>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.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Ansbach Germany (Germany Various)				4.PROJECT TITLE Barracks		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  721	7.PROJECT NUMBER  63394		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>						13,019
Barracks		m2 (SF)	5,304 ( 57,096)		2,289	(12,143)
UMCS Connection		LS	--		--	(75)
SDD and EPAct05		LS	--		--	(243)
Antiterrorism Measures		LS	--		--	(364)
Building Information Systems		LS	--		--	(194)
<u>SUPPORTING FACILITIES</u>						2,730
Electric Service		LS	--		--	(22)
Water, Sewer, Gas		LS	--		--	(305)
Paving, Walks, Curbs & Gutters		LS	--		--	(507)
Storm Drainage		LS	--		--	(13)
Site Imp( 493) Demo( 1,156)		LS	--		--	(1,649)
Information Systems		LS	--		--	(134)
Antiterrorism Measures		LS	--		--	(100)
ESTIMATED CONTRACT COST						15,749
CONTINGENCY (5.00%)						787
SUBTOTAL						16,536
SUPV, INSP & OVERHEAD (6.50%)						1,075
TOTAL REQUEST						17,611
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a standard design barracks. Project includes connection to existing utilities and energy sources. Provide connection to utility management and control system (UMCS), fire alarm detection and reporting system, automatic building sprinklers, building information systems, and force protection measures. Supporting facilities include utilities; electric service; exterior lighting; 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 by resistance to progressive collapse, special windows and doors, and site measures. 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. Demolish 3 Buildings (TOTAL 8,258 m2/88,889 SF). Air Conditioning (Estimated 503 kW <sub>r</sub> /143 Tons).						
11. REQ:		919 PN ADQT:		707 PN SUBSTD:		619 PN
PROJECT: Construct a standard design 1+1 Barracks at Ansbach, Germany. (Current Mission)						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Ansbach, Germany (Germany Various)

4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  63394
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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: NO

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

- (a) Production of Plans and Specifications..... 826
- (b) All Other Design Costs..... 661
- (c) Total Design Cost..... 1,487
- (d) Contract..... 826
- (e) In-house..... 661

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

(5) Construction Start..... FEB 2010

(6) Construction Completion..... FEB 2011

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: Timothy Richardson  
Phone Number: DSN 467-1560

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Ansbach Germany (Germany Various)			4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 69616	8. PROJECT COST (\$000) Auth 14,200 Approp 14,200		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					11,463
Barracks	m2 (SF)		4,488 ( 48,312)	2,406	(10,798)
UMCS Connections	LS		--	--	(50)
SDD and EPAct05	LS		--	--	(216)
Antiterrorism Measures	LS		--	--	(216)
Building Information Systems	LS		--	--	(183)
<u>SUPPORTING FACILITIES</u>					1,322
Electric Service	LS		--	--	(49)
Water, Sewer, Gas	LS		--	--	(308)
Paving, Walks, Curbs & Gutters	LS		--	--	(506)
Storm Drainage	LS		--	--	(17)
Site Imp( 102) Demo( 162)	LS		--	--	(264)
Information Systems	LS		--	--	(78)
Antiterrorism Measures	LS		--	--	(100)
ESTIMATED CONTRACT COST					12,785
CONTINGENCY (5.00%)					639
SUBTOTAL					13,424
SUPV, INSP & OVERHEAD (6.50%)					873
TOTAL REQUEST					14,297
TOTAL REQUEST (ROUNDED)					14,200
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design barracks. Provide connection to utility management and control system (UMCS), fire alarm detection and reporting system, automatic building sprinklers, force protection measures, and building information systems. Supporting facilities include utilities; electric service; exterior lighting; 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 by resistance to progressive collapse, 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. Demolish 1 Building (TOTAL 2,512 m2/27,034 SF). Air Conditioning (Estimated 422 kW/120 Tons).					
11. REQ:		919 PN ADQT:	707 PN SUBSTD:	619 PN	
PROJECT: Construct a standard design 1+1 barracks at Ansbach, Germany. (Current Mission)					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009												
3. INSTALLATION AND LOCATION  Ansbach, Germany (Germany Various)														
4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  69616													
<p><u>REQUIREMENT:</u> This project is required to provide living conditions for Soldiers that meet current standards. The maximum barracks utilization is 132 Soldiers. The intended utilization is 92 Junior Enlisted and 20 Sergeants.</p> <p><u>CURRENT SITUATION:</u> The barracks requirement of this installation is being met through the use of WWII era barracks, basements of administrative areas, and attics of Army Family Housing units to handle the shortage of approximately 80 spaces. The remaining spaces (54) are currently housed in Bldg. 6514, a WWII era gang latrine barracks. 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.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale, retention, and readiness.</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, \$1.6M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Ansbach, Germany. Upon completion of this multi-phased project and other projects approved through FY 2010, the remaining unaccompanied enlisted permanent party deficit is 0 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> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>JUL 2008</td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2009</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>OCT 2009</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>			(a) Date Design Started.....	JUL 2008	(b) Percent Complete As Of January 2009.....	35.00	(c) Date 35% Designed.....	JAN 2009	(d) Date Design Complete.....	OCT 2009	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Design-bid-build	
(a) Date Design Started.....	JUL 2008													
(b) Percent Complete As Of January 2009.....	35.00													
(c) Date 35% Designed.....	JAN 2009													
(d) Date Design Complete.....	OCT 2009													
(e) Parametric Cost Estimating Used to Develop Costs	YES													
(f) Type of Design Contract: Design-bid-build														

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Ansbach, Germany (Germany Various)

4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  69616
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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 Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	628
(b) All Other Design Costs.....	503
(c) Total Design Cost.....	1,131
(d) Contract.....	628
(e) In-house.....	503
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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: DSN 467-1560

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Kleber Kaserne Germany (Kaiserslautern)				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 721	7. PROJECT NUMBER 66596		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>						13,614
Barracks		m2 (SF)	5,767 ( 62,080)		2,224	(12,829)
UMCS Connections		LS	--		--	(80)
SDD and EPAct05		LS	--		--	(256)
Antiterrorism Measures		LS	--		--	(256)
Building Information Systems		LS	--		--	(193)
<u>SUPPORTING FACILITIES</u>						4,575
Electric Service		LS	--		--	(729)
Water, Sewer, Gas		LS	--		--	(540)
Steam And/Or Chilled Water Dist		LS	--		--	(141)
Paving, Walks, Curbs & Gutters		LS	--		--	(981)
Storm Drainage		LS	--		--	(21)
Site Imp( 1,813) Demo( )		LS	--		--	(1,813)
Information Systems		LS	--		--	(288)
Antiterrorism Measures		LS	--		--	(62)
ESTIMATED CONTRACT COST						18,189
CONTINGENCY (5.00%)						909
SUBTOTAL						19,098
SUPV, INSP & OVERHEAD (6.50%)						1,241
TOTAL REQUEST						20,339
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct standard-design barracks including equipment storage area. Capacity is for 160 personnel (PN). Provide connection to utility management and control system (UMCS) and building information systems. Supporting facilities include electrical service with transformer station, water and sewer connections, storm drainage, fire protection system, access road, parking, walks, information systems, and site improvements. Required antiterrorism/force protection (AT/FP) measures include site screening (landscaping), exterior security lighting, blast resistant windows and doors, structural enhancements to mitigate progressive collapse and fire protection and alarm systems. Comprehensive building and furnishings related interior design services are required. Accessibility 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 56 kW/16 Tons).						
11. REQ:		1,497 PN	ADQT: 811 PN		SUBSTD:	1,766 PN
PROJECT: Construct standard-design barracks at Kleber Kaserne, Germany. (Current Mission)						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Kleber Kaserne, Germany (Kaiserslautern)

4. PROJECT TITLE  Barracks	5. PROJECT NUMBER  66596
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REQUIREMENT: This project is required to satisfy the barracks requirement at Rhine Ordnance Barracks (Kleber Kaserne, Germany). The maximum utilization is 160 PN. The intended utilization is 130 Junior Enlisted and 28 Sergeants.

CURRENT SITUATION: 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.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will be forced to continue living in substandard conditions.

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, \$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 2010, 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..... APR 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... OCT 2009
  - (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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Kleber Kaserne, Germany (Kaiserslautern)

4. PROJECT TITLE Barracks	5. PROJECT NUMBER 66596
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:  
Fort Sill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	950
(b) All Other Design Costs.....	760
(c) Total Design Cost.....	1,710
(d) Contract.....	950
(e) In-house.....	760
(4) Construction Contract Award.....	JAN 2010
(5) Construction Start.....	MAR 2010
(6) Construction Completion.....	MAR 2011

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: Willimore Mack  
Phone Number: 011-49-631-411-1560

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Landstuhl Hospital Germany (Kaiserslautern)			4. PROJECT TITLE Warrior in Transition (WT) Complex		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 70000	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>					16,406
Barracks, WT		m2 (SF)	3,135 ( 33,740)	2,951	(9,252)
Admin and Ops Facility, WT		m2 (SF)	771.09 ( 8,300)	2,843	(2,192)
Soldier & Family Assistance Ctr		m2 (SF)	650.32 ( 7,000)	3,513	(2,285)
Special Foundations		LS	--	--	(663)
IDS Installation		LS	--	--	(20)
Total from Continuation page					(1,994)
<u>SUPPORTING FACILITIES</u>					4,831
Electric Service		LS	--	--	(841)
Water, Sewer, Gas		LS	--	--	(779)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,202)
Storm Drainage		LS	--	--	(490)
Site Imp( 1,102) Demo( )		LS	--	--	(1,102)
Information Systems		LS	--	--	(264)
Antiterrorism Measures		LS	--	--	(153)
ESTIMATED CONTRACT COST					21,237
CONTINGENCY (5.00%)					1,062
SUBTOTAL					22,299
SUPV, INSP & OVERHEAD (6.50%)					1,449
DESIGN/BUILD - DESIGN COST					892
TOTAL REQUEST					24,640
TOTAL REQUEST (ROUNDED)					25,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a standard design Warrior in Transition (WT) Complex. Primary facilities include a Warrior in Transition Barracks, Warrior in Transition Administrative and Operations Facility and a Soldier and Family Assistance Center (SFAC). Special foundations are required. Provide connections to an Energy Management Control System (EMCS) and Fire/Smoke Detection/Enunciation/Suppression Systems and connections to the installation central systems, installation of Intrusion Detection System (IDS), and building information systems. Provide Anti-terrorism/Force Protection Measures. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be included. Supporting facilities include site work, all necessary utilities, lighting, information systems, parking, sidewalks, roads, curbs, gutters, storm drainage, site accessories, landscaping, and other site improvements. Force protection measures include building access control, surveillance and mass notification systems, minimum standoff distances, bollards, area lighting and barrier landscaping. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 633 kW/180 Tons).					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009																																			
3. INSTALLATION AND LOCATION  Landstuhl Hospital, Germany (Kaiserslautern)																																					
4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  70000																																				
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">EMCS Connections</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(69)</td> </tr> <tr> <td data-bbox="232 657 727 688">SDD and EPAct05</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(275)</td> </tr> <tr> <td data-bbox="232 688 727 720">Antiterrorism Measures</td> <td data-bbox="727 688 954 720">LS</td> <td data-bbox="954 688 1239 720">--</td> <td data-bbox="1239 688 1360 720">--</td> <td data-bbox="1360 688 1510 720">(704)</td> </tr> <tr> <td data-bbox="232 720 727 751">Building Information Systems</td> <td data-bbox="727 720 954 751">LS</td> <td data-bbox="954 720 1239 751">--</td> <td data-bbox="1239 720 1360 751">--</td> <td data-bbox="1360 720 1510 751">(946)</td> </tr> <tr> <td colspan="3" data-bbox="1239 751 1360 783">Total</td> <td data-bbox="1360 751 1510 783"></td> <td data-bbox="1360 751 1510 783">1,994</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					EMCS Connections	LS	--	--	(69)	SDD and EPAct05	LS	--	--	(275)	Antiterrorism Measures	LS	--	--	(704)	Building Information Systems	LS	--	--	(946)	Total				1,994
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																																	
<u>PRIMARY FACILITY (CONTINUED)</u>																																					
EMCS Connections	LS	--	--	(69)																																	
SDD and EPAct05	LS	--	--	(275)																																	
Antiterrorism Measures	LS	--	--	(704)																																	
Building Information Systems	LS	--	--	(946)																																	
Total				1,994																																	
<p>11. <u>REQ:</u> 56 PN <u>ADQT:</u> NONE <u>SUBSTD:</u> 56 PN  <u>PROJECT:</u> Construct a standard design Warrior in Transition (WT) Complex at Landstuhl Hospital, Germany. (New Mission)  <u>REQUIREMENT:</u> This project is required to provide adequate permanent standard facilities to support the healing process of one company of Warriors in Transition (WT) Soldiers.  <u>CURRENT SITUATION:</u> Landstuhl currently supports one company of Warriors in Transition. There are no facilities on or off the installation which can adequately provide the required standard facilities for the Soldiers or their families.  <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Soldiers who are Warriors in Transition, their Cadre Support Units and family members will not have adequate facilities from which to operate in order to maximize the Soldiers' healing process and minimize the time required for them to travel to care and the time to transition back to active status or civilian life.  <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.  <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>																																					

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Landstuhl Hospital, Germany (Kaiserslautern)

4. PROJECT TITLE	5. PROJECT NUMBER
Warrior in Transition (WT) Complex	70000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2007
  - (b) Percent Complete As Of January 2009..... 20.00
  - (c) Date 35% Designed..... APR 2010
  - (d) Date Design Complete..... SEP 2010
  - (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 Riley
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 563
  - (b) All Other Design Costs..... 451
  - (c) Total Design Cost..... 1,014
  - (d) Contract..... 451
  - (e) In-house..... 563
  
- (4) Construction Contract Award..... FEB 2010
  
- (5) Construction Start..... MAY 2010
  
- (6) Construction Completion..... SEP 2011

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Landstuhl Hospital, Germany (Kaiserslautern)

4. PROJECT TITLE  Warrior in Transition (WT) Complex	5. PROJECT NUMBER  70000
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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>
NA			

Installation Engineer: Willimore Mack  
Phone Number: 011-49-631-411-1560

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)					619
	Vicenza					
	Vicenza City					
70825	Bde Complex - Operations Spt Fac, Incr 3	0	23,500		C	621
70828	Bde Complex - Barracks/Community, Incr 3	0	22,500		C	626
		-----				
	Subtotal Italy Various Part I	\$ 0	46,000			
	* TOTAL MCA FOR Italy	\$ 0	46,000			

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009			
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	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2008	440	2349	1400	0	0	0	53	440	1687	6,369
B. END FY 2015	625	4103	1589	0	0	0	51	434	1686	8,488
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.....							383,536			
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....							0			
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....							TBD			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							TBD			
G. REMAINING DEFICIENCY.....							TBD			
H. GRAND TOTAL.....							TBD			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
141	70825	Bde Complex - Operations Spt Fac, Incr 3				23,500	05/2006	11/2008		
721	70828	Bde Complex - Barracks/Community, Incr 3				22,500	09/2006	11/2008		
					TOTAL	46,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. REQUESTED IN THE FY 2011 PROGRAM:						TBD				
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):						TBD				
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						TBD				
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 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Vicenza City Italy (Vicenza)				4.PROJECT TITLE Bde Complex - Operations Spt Fac, Incr 3		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  141	7.PROJECT NUMBER  70825		8.PROJECT COST (\$000) Auth Approp  23,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						58,827
Company Operations Facilities		m2 (SF)	7,936 ( 85,427)		1,806	(14,330)
Battalion Headquarters		m2 (SF)	3,018 ( 32,488)		2,034	(6,140)
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)
Equipment Storage		m2 (SF)	874.03 ( 9,408)		956.05	(836)
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 requested in FY 2009 (PN70824). The third funding increment of \$23.5M is requested in FY 2010 (PN70825). The fourth funding increment of \$25M will be 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		12 MAY 2009

3. INSTALLATION AND LOCATION  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE	5. PROJECT NUMBER
Bde Complex - Operations Spt Fac, Incr 3	70825

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)	2,572	(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 City, Italy. (Current Mission)					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE  Bde Complex - Operations Spt Fac, Incr 3	5. PROJECT NUMBER  70825
--	--------------------------------

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 effect 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)	Requested FY2010 (\$000)	FYDP FY2011 (\$000)
Authorization	\$74,900	\$0	\$0	\$0
Authorization of Appropriation	\$11,400	\$15,000	\$23,500	\$25,000
Appropriation	\$23,500	\$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. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE  Bde Complex - Operations Spt Fac, Incr 3	5. PROJECT NUMBER  70825
--	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAY 2006
  - (b) Percent Complete As Of January 2009..... 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. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE  Bde Complex - Operations Spt Fac, Incr 3	5. PROJECT NUMBER  70825
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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>
NA			

Installation Engineer: Kambiz Razzaghi  
Phone Number: 011-39-444-471-7313

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Vicenza City Italy (Vicenza)			4. PROJECT TITLE Bde Complex - Barracks/Community, Incr 3		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 721	7. PROJECT NUMBER 70828	8. PROJECT COST (\$000) Auth Approp 22,500		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				71,074	
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				(28,478)	
<u>SUPPORTING FACILITIES</u>				2,660	
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( 916) Demo( )	LS	--	--	(916)	
Information Systems	LS	--	--	(257)	
Antiterrorism Measures	LS	--	--	(127)	
ESTIMATED CONTRACT COST				73,734	
CONTINGENCY (5.00%)				3,687	
SUBTOTAL				77,421	
SUPV, INSP & OVERHEAD (6.50%)				5,032	
DESIGN/BUILD - DESIGN COST				3,097	
TOTAL REQUEST				85,550	
TOTAL REQUEST (ROUNDED)				86,000	
INSTALLED EQT-OTHER APPROP				(1,439)	
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 requested in FY 2009 (PN70827). The third funding increment of \$22.5M is requested in FY 2010 (PN70828). The fourth funding increment of \$26M will be 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE  Bde Complex - Barracks/Community, Incr 3	5. PROJECT NUMBER  70828
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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	--	--	(1,040)
			Total	28,478

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<sub>r</sub>/375 Tons).

11. REQ: 1,307 PN ADQT: 787 PN SUBSTD: 1,827 PN  
PROJECT: Construct part of a standard design Brigade Combat Team Complex and Community Support facilities at Vicenza City, 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE  Bde Complex - Barracks/Community, Incr 3	5. PROJECT NUMBER  70828
--	--------------------------------

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 2010, the remaining unaccompanied enlisted permanent party deficit is 708 personnel at this installation.

	FY2008 (\$000)	FY2009 (\$000)	Requested FY2010 (\$000)	FYDP 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 2009..... 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 12 MAY 2009
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3. INSTALLATION AND LOCATION  
Vicenza City, Italy (Vicenza)

4. PROJECT TITLE Bde Complex - Barracks/Community, Incr 3	5. PROJECT NUMBER 70828
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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.....	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.....	AUG 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>
IDS Equipment	OPA	2008	48
Info Sys - ISC	OPA	2009	110
Info Sys - PROP	OPA	2009	1,281
		TOTAL	1,439

Installation Engineer: Kambiz Razzaghi  
Phone Number: 011-39-444-471-7313

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION PAGE
PROJECT	PROJECT TITLE	REQUEST	REQUEST		
NUMBER	-----	-----	-----		
-----	-----	-----	-----		
Japan	Japan Various (IMCOM)				633
	Sagami				
71117	Training Aids Center	6,000	6,000	C	635
	Subtotal Japan Various Part I	\$ 6,000	6,000		
	Okinawa Various (USARPAC)				639
71118	Training Aids Center	6,000	6,000	C	639
	Subtotal Okinawa Various Part I	\$ 6,000	6,000		
	* TOTAL MCA FOR Japan	\$ 12,000	12,000		

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE 12 MAY 2009
3. INSTALLATION AND LOCATION  Japan Various Japan			4. COMMAND  US Army Pacific			5. AREA CONSTRUCTION COST INDEX  1.46	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2008	322	1103	3630	0	0	0	42 77 2136 7,310
B. END FY 2015	328	1272	3674	0	0	0	43 74 2065 7,456
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	1,562 ha		(3,861 AC)				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....						4,353,116	
C. AUTHORIZATION NOT YET IN INVENTORY.....						43,607	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						12,000	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
141	71117	Training Aids Center		6,000	04/2008	05/2010	
141	71118	Training Aids Center		6,000	04/2008	05/2010	
TOTAL				12,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
Maintain bases in Japan to provide supply, maintenance, storage, procurement, transportation engineering, medical and other essential services required to support U. S. Army Japan (USARJ) operational plans with a capability for expansion when needed. It also provides on-post family housing for approximately 1020 families.							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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INSTALLATION AND LOCATION: Japan Various, Japan

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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Sagami Japan (Japan Various)				4.PROJECT TITLE Training Aids Center		
5.PROGRAM ELEMENT  22212A		6.CATEGORY CODE  141	7.PROJECT NUMBER  71117		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>					4,102	
Training Aids Center		m2 (SF)	1,245 ( 13,399)	3,099	(3,857)	
IDS Installation		LS	--	--	(38)	
SDD and EPAct05		LS	--	--	(76)	
Antiterrorism Measures		LS	--	--	(93)	
Building Information Systems		LS	--	--	(38)	
<u>SUPPORTING FACILITIES</u>					1,222	
Electric Service		LS	--	--	(468)	
Water, Sewer, Gas		LS	--	--	(118)	
Paving, Walks, Curbs & Gutters		LS	--	--	(136)	
Storm Drainage		LS	--	--	(136)	
Site Imp( 152) Demo( )		LS	--	--	(152)	
Information Systems		LS	--	--	(177)	
Antiterrorism Measures		LS	--	--	(35)	
ESTIMATED CONTRACT COST					5,324	
CONTINGENCY (5.00%)					266	
SUBTOTAL					5,590	
SUPV, INSP & OVERHEAD (6.50%)					363	
TOTAL REQUEST					5,953	
TOTAL REQUEST (ROUNDED)					6,000	
INSTALLED EQT-OTHER APPROP					( )	
10.Description of Proposed Construction Construct a standard small Training Aids Center (TAC). Primary facilities include the TAC, building information systems and antiterrorism measures. The project will include installation of Intrusion Detection System (IDS) and connections to Energy Monitoring and Control Systems (EMCS). Supporting facilities include electric service, water, sanitary sewer, and site preparation/improvements. Heating and air conditioning will be by self contained systems. 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 42 kW <sub>r</sub> /12 Tons).						
11. REQ:		1,245 m2	ADQT:	NONE	SUBSTD:	794 m2
PROJECT: Construct a standard design small Training Aids Center at Camp Zama (Sagami), Japan. (Current Mission)						
REQUIREMENT: Army relocations to Camp Zama (Sagami) will increase the quantity and type of live and virtual training devices used. This storage is needed to support the increases in training aid devices and to protect the investment for those devices.						



1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Sagami, Japan (Japan Various)

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  71117
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2010

(6) Construction Completion..... SEP 2011

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: Fredrick J. Minato  
Phone Number: 011-81-46-407-3374

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Okinawa Various Japan				4. PROJECT TITLE Training Aids Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 141	7. PROJECT NUMBER 71118		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>						4,178
Training Aids Center		m2 (SF)	1,245 ( 13,399)		3,157	(3,930)
IDS Installation		LS	--		--	(38)
SDD and EPAct05		LS	--		--	(79)
Antiterrorism Measures		LS	--		--	(94)
Building Information Systems		LS	--		--	(37)
<u>SUPPORTING FACILITIES</u>						976
Electric Service		LS	--		--	(355)
Water, Sewer, Gas		LS	--		--	(133)
Paving, Walks, Curbs & Gutters		LS	--		--	(97)
Storm Drainage		LS	--		--	(66)
Site Imp( 120) Demo( )		LS	--		--	(120)
Information Systems		LS	--		--	(173)
Antiterrorism Measures		LS	--		--	(32)
ESTIMATED CONTRACT COST						5,154
CONTINGENCY (5.00%)						258
SUBTOTAL						5,412
SUPV, INSP & OVERHEAD (6.50%)						352
DESIGN/BUILD - DESIGN COST						216
TOTAL REQUEST						5,980
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard small Training Aids Center (TAC). Primary facilities include the TAC, building information systems and antiterrorism measures. The project will include installation of Intrusion Detection System (IDS) and connections to Energy Monitoring and Control Systems (EMCS). Supporting facilities include electric service, water, sanitary sewer, paving, site preparation/improvements, and information systems. Heating and air conditioning will be by self contained 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 provided. Air Conditioning (Estimated 42 kW/12 Tons).						
11. REQ:		1,245 m2	ADQT: NONE		SUBSTD:	782 m2
PROJECT: Construct a standard design small Training Aids Center at USAG, Okinawa, Japan. (Current Mission)						
REQUIREMENT: Army relocations to USAG Okinawa 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Okinawa Various, Japan

4. PROJECT TITLE  Training Aids Center	5. PROJECT NUMBER  71118
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (5) Construction Start..... APR 2010
  - (6) Construction Completion..... SEP 2011

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: Fredrick J. Minato  
Phone Number: 011-81-46-407-3374

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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)				645
	Camp Humphreys				
56656	Vehicle Maintenance Shop	19,000	19,000	C	647
58399	Vehicle Maintenance Shop	18,000	18,000	C	651
60783	Fire Stations	13,200	13,200	C	655
		-----	-----		
	Subtotal Korea Various Part I	\$ 50,200	50,200		
	* TOTAL MCA FOR Korea	\$ 50,200	50,200		

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1. COMPONENT ARMY		FY 2010-2011 MILITARY CONSTRUCTION PROGRAM				2. DATE 12 MAY 2009	
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
A. AS OF 31 OCT 2008		3270	16597	10446	0	134	0
B. END FY 2015		2815	13663	9442	0	97	0
					538	4939	9989
					534	4966	7941
							45,913
							39,458
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.....						995,098	
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....						50,200	
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....						TBD	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						TBD	
G. REMAINING DEFICIENCY.....						TBD	
H. GRAND TOTAL.....						TBD	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
214	56656	Vehicle Maintenance Shop		19,000	04/2008	12/2009	
214	58399	Vehicle Maintenance Shop		18,000	10/2007	10/2009	
730	60783	Fire Stations		13,200	10/2007	09/2009	
TOTAL				50,200			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
10. MISSION OR MAJOR FUNCTIONS:							
<p>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.</p>							

1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE 12 MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Camp Humphreys Korea				4.PROJECT TITLE Vehicle Maintenance Shop		
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  214	7.PROJECT NUMBER  56656		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>						13,545
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		2,311	(7,576)
Organizational Storage		m2 (SF)	1,394 ( 15,005)		981.98	(1,369)
Oil Storage Building		m2 (SF)	61 ( 656.60)		1,104	(67)
Hazardous Material Storage		m2 (SF)	61 ( 656.60)		1,104	(67)
Organizational Vehicle Parking		m2 (SF)	31,681 ( 341,011)		87.00	(2,756)
Total from Continuation page						(1,710)
<u>SUPPORTING FACILITIES</u>						3,354
Electric Service		LS	--		--	(633)
Water, Sewer, Gas		LS	--		--	(275)
Paving, Walks, Curbs & Gutters		LS	--		--	(184)
Storm Drainage		LS	--		--	(530)
Site Imp( 937) Demo( )		LS	--		--	(937)
Information Systems		LS	--		--	(687)
Antiterrorism Measures		LS	--		--	(64)
A/G Fuel Oil Storage Tank		LS	--		--	(44)
ESTIMATED CONTRACT COST						16,899
CONTINGENCY (5.00%)						845
SUBTOTAL						17,744
SUPV, INSP & OVERHEAD (6.50%)						1,153
TOTAL REQUEST						18,897
TOTAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct Army standard design medium Tactical Equipment Maintenance Facility (TEMF) to support a Brigade Support Battalion (BN), Fires Brigade (BDE), its three organic Companies, as well as consolidated Fires Brigade Headquarters Battery (BTRY), Signal Company (CO) and Target Acquisition Battalion (TAB). Primary facilities include the medium vehicle maintenance shop with required organizational vehicle parking, a consolidated organizational storage building, oil storage building, and hazardous waste storage building. Project includes special foundations, building information system, fire protection and alarm, connection to energy monitoring and control system (EMCS), and installation of intrusion detection system (IDS). Antiterrorism/Force Protection (AT/FP) will be provided as appropriate, including mass notification system and site measures. Comprehensive building and furnishings-related interior design services are required. Access for persons with disabilities will be provided. Vehicle exhaust system and compressed air system will be provided in the vehicle bays. Supporting facilities include underground utilities; security lighting; parking, paving, walks, curbs and gutters; fencing & gates; storm drainage; information systems; fire protection, site improvements, oil/water separators, waste fluid recycling, signage, and fuel oil storage tank. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) will be						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  56656
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(977)
IDS Installation	LS	--	--	(15)
EMCS Connection	LS	--	--	(20)
SDD and EPAct05	LS	--	--	(179)
Antiterrorism Measures	LS	--	--	(179)
Building Information Systems	LS	--	--	(340)
			Total	1,710

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
provided. Air Conditioning (Estimated 90 kW/26 Tons).

11. REQ: 14,686 m2 ADQT: NONE SUBSTD: NONE  
PROJECT: Construct a Standard design Medium Tactical Equipment Maintenance Facility at Camp Humphreys, Korea. (Current Mission)  
REQUIREMENT: This project is associated with global defense posture changes. This project is required to execute the relocation of Fires Brigade from Area I to Area III, USAG-Humphreys, as part of the nation to nation Land Partnership Plan (LPP) agreement. This project provides the required TEMF for the Fires BDE Support BN. The relocation of this unit is a US Government responsibility under the LPP agreement. The LPP is the critical, strategic agreement between the US and the Republic of Korea (ROK) governments which allows US Forces to be consolidated south of the Han River and numerous smaller Army Garrisons to be returned to the host nation. The LPP agreement is accompanied by the wholly ROK funded, Yongsan Relocation Plan (YRP) agreement which together fund the USAG-Humphreys master plan execution. This project will be built on USAG Humphreys which is an enduring installation.  
CURRENT SITUATION: There are not sufficient Tactical Equipment Maintenance Facilities on USAG - Humphreys capable of meeting requirements of the Fires BDE units re-stationing to USAG - Humphreys. There are no existing facilities that can be upgraded or expanded to meet the requirements for maintenance of organizational weapon systems, vehicles and organizational equipment.  
IMPACT IF NOT PROVIDED: If this project is not provided, US government will not be able to meet its obligations under the nation to nation LPP agreement. US forces will remain stationed in Area I, north of the Han, which is not strategically advantageous. US government will be required to continue to operate numerous small installations at greater cost than consolidating our forces. This project is critical for the continued execution of both the LPP and YRP. Failure to fund this project risks continued ROK investment in Special Measures Agreement funding, Host Nation Construction funding which greatly reduces US Government MILCON requirements to support mission and

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  56656
--	--------------------------------

IMPACT IF NOT PROVIDED: (CONTINUED)

Soldier quality of 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... APR 2008
  - (b) Percent Complete As Of January 2009..... 35.00
  - (c) Date 35% Designed..... JAN 2009
  - (d) Date Design Complete..... DEC 2009
  - (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..... 887
  - (b) All Other Design Costs..... 709
  - (c) Total Design Cost..... 1,596
  - (d) Contract..... 887
  - (e) In-house..... 709
  
- (4) Construction Contract Award..... JAN 2010
  
- (5) Construction Start..... APR 2010

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  56656
--	--------------------------------

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

Installation Engineer: Bartolome Mirabel  
Phone Number: DSN (315) 753-6050

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Camp Humphreys Korea				4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 58399		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>						13,345
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		2,311	(7,576)
Organizational Storage		m2 (SF)	748 ( 8,051)		981.97	(735)
Oil Storage Building		m2 (SF)	61 ( 656.60)		1,104	(67)
Hazardous Material Storage		m2 (SF)	61 ( 656.60)		1,104	(67)
Organizational Vehicle Parking		m2 (SF)	36,754 ( 395,617)		87.00	(3,198)
Total from Continuation page						(1,702)
<u>SUPPORTING FACILITIES</u>						2,610
Electric Service		LS	--		--	(525)
Water, Sewer, Gas		LS	--		--	(254)
Paving, Walks, Curbs & Gutters		LS	--		--	(181)
Storm Drainage		LS	--		--	(522)
Site Imp( 599) Demo( )		LS	--		--	(599)
Information Systems		LS	--		--	(436)
Antiterrorism Measures		LS	--		--	(49)
A/G Fuel Oil Storage Tank		LS	--		--	(44)
ESTIMATED CONTRACT COST						15,955
CONTINGENCY (5.00%)						798
SUBTOTAL						16,753
SUPV, INSP & OVERHEAD (6.50%)						1,089
TOTAL REQUEST						17,842
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design medium Tactical Equipment Maintenance Facility (TEMF) to support a Multiple Launch Rocket System (MLRS) Field Artillery (FA) Battalion (BN) and its four organic Batteries and a Forward Support Company. Primary facilities include the medium Vehicle Maintenance Shop with required organizational vehicle parking, organizational storage, oil storage building, hazardous material storage, special foundations, building information system, fire protection & alarm, connection to energy monitoring and control system (EMCS), and installation of intrusion detection system (IDS) are required. Antiterrorism/Force Protection (AT/FP) will be provided as appropriate, including mass notification system and site measures. Comprehensive building and furnishings-related interior design services are required. Access for persons with disabilities will be provided. Vehicle exhaust system and compressed air system will be provided in the vehicle bays. Supporting facilities include underground utilities; security lighting; parking, paving, walks, curbs and gutters; fencing & gates; storm drainage; exterior information systems; fire protection, site improvements, oil/water separators, waste fluid recycling & storage, signage, and fuel oil storage tank. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 90 kW/26 Tons).						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  58399
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundation	LS	--	--	(859)
IDS Installation	LS	--	--	(15)
EMCS Connection	LS	--	--	(20)
SDD and EPAct05	LS	--	--	(166)
Antiterrorism Measures	LS	--	--	(166)
Building Information Systems	LS	--	--	(476)
			Total	1,702

11. REQ: 14,686 m2 ADQT: NONE SUBSTD: NONE  
PROJECT: Construct a Standard design Medium Tactical Equipment Maintenance Facility at Camp Humphreys, Korea. (Current Mission)  
REQUIREMENT: This project is associated with global defense posture changes. This project is required to execute relocation of Fires Brigade from Area I to Area III, USAG-Humphreys, as part of the nation to nation Land Partnership Plan (LPP) agreement. The first phase of relocation will move one Field Artillery Battalion and support battalion elements. This project provides the required TEMF for the FA BN (MLRS). The relocation of this unit is a US Government responsibility under the LPP agreement. The LPP is the critical, strategic, agreement between the US and Republic of Korea (ROK) governments which allows US Forces to be consolidated south of the Han River and numerous smaller Army Garrisons to be returned to host nation. The LPP agreement is accompanied by the wholly ROK funded, Yongsan Relocation Plan (YRP) agreement which together fund the USAG-Humphreys master plan execution. This project will be built on USAG Humphreys which is an enduring installation.  
CURRENT SITUATION: There are not sufficient Tactical Equipment Maintenance Facilities on USAG - Humphreys capable of meeting requirements of the Fires BDE units re-stationing to USAG - Humphreys. There are no existing facilities that can be upgraded or expanded to meet the requirements for maintenance of organizational weapon systems, vehicles and organizational equipment.  
IMPACT IF NOT PROVIDED: If this project is not provided, the US government will not be able to meet its obligations under the nation to nation LPP agreement. US forces will remain stationed in Area I, north of the Han, which is not strategically advantageous. The US government will be required to continue to operate numerous small installations at greater cost than consolidating our forces. This project is critical for the continued execution of both the LPP and YRP. Failure to fund this project risks continued ROK investment in Special Measures Agreement funding, Host Nation Construction funding which greatly reduces US Government MILCON requirements to support mission and Soldier quality of life.

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  58399
--	--------------------------------

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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>OCT 2007</u>
(b) Percent Complete As Of January 2009.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2009</u>
(d) Date Design Complete.....	<u>OCT 2009</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 Bliss

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

(a) Production of Plans and Specifications.....	<u>680</u>
(b) All Other Design Costs.....	<u>403</u>
(c) Total Design Cost.....	<u>1,083</u>
(d) Contract.....	<u>          </u>
(e) In-house.....	<u>1,083</u>

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

(5) Construction Start..... APR 2010

(6) Construction Completion..... APR 2012

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Vehicle Maintenance Shop	5. PROJECT NUMBER  58399
--	--------------------------------

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: Bartolome Mirabel  
Phone Number: DSN (315) 753-6050

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Camp Humphreys Korea				4. PROJECT TITLE Fire Stations		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 730	7. PROJECT NUMBER 60783		8. PROJECT COST (\$000) Auth 13,200 Approp 13,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,642
Fire Station		m2 (SF)	2,900 ( 31,215)		2,110	(6,118)
Satellite Fire Station		m2 (SF)	901 ( 9,698)		2,190	(1,973)
Special Foundation		LS	--		--	(741)
Emergency Generator		EA	1 --		335,536	(336)
IDS Installation		LS	--		--	(25)
Total from Continuation page						(449)
<u>SUPPORTING FACILITIES</u>						2,237
Electric Service		LS	--		--	(801)
Water, Sewer, Gas		LS	--		--	(244)
Paving, Walks, Curbs & Gutters		LS	--		--	(222)
Storm Drainage		LS	--		--	(307)
Site Imp( 380) Demo( 106)		LS	--		--	(486)
Information Systems		LS	--		--	(89)
Antiterrorism Measures		LS	--		--	(43)
A/G Fuel Oil Storage Tank		LS	--		--	(45)
ESTIMATED CONTRACT COST						11,879
CONTINGENCY (5.00%)						594
SUBTOTAL						12,473
SUPV, INSP & OVERHEAD (6.50%)						811
TOTAL REQUEST						13,284
TOTAL REQUEST (ROUNDED)						13,200
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a combined Airport Rescue Fire Fighting (ARFF)/Structural fire station (Central Fire Station) with a 911 Emergency Korea Wide Dispatch Center and standard design one company satellite fire station. Central fire station includes an apparatus room to house fire protection vehicles, a vehicle wash/maintenance bay, support and administrative area for a vehicle maintenance, laundry, storage, disinfecting facilities for emergency medical equipment, alarm communication center, kitchen, emergency operations center, telecommunications/computer room, training facilities, administrative offices, living quarters for twenty four fire fighters, personal lockers, physical therapy room, and latrines/showers. The 911 Emergency Operation Korea wide Dispatch Center facilities include an operations control area. An emergency generator, special foundations, fire protection sprinkler, installation of Intrusion Detection System (IDS), alarm systems, and building information systems also are required. Supporting facilities include utilities, security lighting, fire protection, a new access road, parking, paving, sidewalks, curbs and gutters, storm drainage, site improvements, exterior information systems, oil/water separator connected to the wastewater collection system, two wells, and fuel oil storage tanks. Heating and air conditioning will be provided by a self-contained systems. Antiterrorism/force protection (AT/FP) measures include laminated glass, blast						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Fire Stations	5. PROJECT NUMBER  60783
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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	--	--	(160)
Antiterrorism Measures	LS	--	--	(162)
Building Information Systems	LS	--	--	(127)
			Total	449

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
resistant doors and windows frames, ballistic obscuring, and seismic detailing. The site will have street lighting, exterior security lights, passive vehicle barriers and landscaping for visual screening. 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. Demolish 4 Buildings (TOTAL 2,027 m2/21,818 SF). Air Conditioning (Estimated 640 kW/182 Tons).

11. REQ: 4,222 m2 ADQT: 421 m2 SUBSTD: NONE  
PROJECT: Construct two fire stations at Camp Humphreys, Korea. (Current Mission)

REQUIREMENT: This project is required to support 24-hour fire fighting and emergency response operations at Camp Humphreys including Airfield operations. A centrally located facility is needed to meet response times for Desiderio Army Airfield and the main post area, and a satellite fire station is required. A new centralized 911 Emergency Operation Korea-wide Dispatch Center facility is required to have a centralized dispatch system to receive and dispatch for terrorism, fire, medical emergencies and daily military and domestic violence calls.

CURRENT SITUATION: The location of the current fire station does not comply with response times for several areas of the installation. The station was constructed in 1952 with asbestos corrugated sheet roofing and siding for use as a temporary motor pool. The building has long exceeded its life expectancy and usefulness. Operational and maintenance costs are excessively high. The heating system and the electrical system are inefficient and do not comply with current safety standards. Dry rot has deteriorated the main building columns. Currently, over thirty 911 emergency facilities are scattered all over Korea and use an antiquated conference call system where 3 different offices, fire department, MP station and hospital are connected in a line to receive an emergency call. An ambitious master planning and re-stationing initiative is in progress to relocate all of the U.S. military population from installations located north of Seoul to Camp Humphreys. As this initiative is actualized, Camp Humphreys will be the primary installation for U.S. Forces,

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009												
3. INSTALLATION AND LOCATION  Camp Humphreys, Korea														
4. PROJECT TITLE  Fire Stations	5. PROJECT NUMBER  60783													
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>Korea (USFK). The fire stations and the dispatch center will be essential facilities needed to support and protect the increased population and facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the post will continue to suffer from inadequate fire protection, which will adversely effect the safety of the post population, property, high dollar equipment, resulting in negative impact on military operations, maintenance, and mission readiness. The response time to critical areas of the installation, such as the airfield and a military intelligence compound, will continue to be much longer than the required regulatory response time. This will continue to endanger life, property, and mission capacity. Korea will continue to have disconnected emergency dispatch facilities and be forced to rely on an antiquated conference call to receive and dispatch emergency calls.</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. 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>														
<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>OCT 2007</td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2009</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>SEP 2009</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> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Bliss</p>			(a) Date Design Started.....	OCT 2007	(b) Percent Complete As Of January 2009.....	35.00	(c) Date 35% Designed.....	JAN 2009	(d) Date Design Complete.....	SEP 2009	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Design-bid-build	
(a) Date Design Started.....	OCT 2007													
(b) Percent Complete As Of January 2009.....	35.00													
(c) Date 35% Designed.....	JAN 2009													
(d) Date Design Complete.....	SEP 2009													
(e) Parametric Cost Estimating Used to Develop Costs	YES													
(f) Type of Design Contract: Design-bid-build														

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Korea

4. PROJECT TITLE  Fire Stations	5. PROJECT NUMBER  60783
---------------------------------------	--------------------------------

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.....	622
(b) All Other Design Costs.....	497
(c) Total Design Cost.....	1,119
(d) Contract.....	622
(e) In-house.....	497
(4) Construction Contract Award.....	MAR 2010
(5) Construction Start.....	APR 2010
(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>
NA			

Installation Engineer: Bartolome Mirabal  
Phone Number: DSN (315) 753-6050

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 MILITARY CONSTRUCTION (Part I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST			
Kuwait	Kuwait Various (FORSCOM) Camp Arifjan					
71485	APS Warehouses	82,000	82,000	N		661
	Subtotal Kuwait Various Part I	\$ 82,000	82,000			
	* TOTAL MCA FOR Kuwait	\$ 82,000	82,000			
	** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 391,000	437,000			

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1.COMONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Camp Arifjan Kuwait (Kuwait Various)				4.PROJECT TITLE APS Warehouses		
5.PROGRAM ELEMENT  01010A		6.CATEGORY CODE  441	7.PROJECT NUMBER  71485		8.PROJECT COST (\$000) Auth 82,000 Approp 82,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						64,132
Controlled Humidity Warehouse		m2 (SF)	89,187 ( 960,001)		631.74	(56,343)
Separate Toilet/Shower Building		m2 (SF)	66.89 ( 720)		613.01	(41)
Hardstand - Parking		m2 (SF)	41,110 ( 442,504)		131.90	(5,422)
Access Roads		m2 (SF)	9,615 ( 103,495)		115.20	(1,108)
Information Systems		LS	--		--	(1,218)
<u>SUPPORTING FACILITIES</u>						8,907
Electric Service		LS	--		--	(4,218)
Water, Sewer, Gas		LS	--		--	(1,685)
Storm Drainage		LS	--		--	(14)
Site Imp( 2,797) Demo( )		LS	--		--	(2,797)
Information Systems		LS	--		--	(193)
ESTIMATED CONTRACT COST						73,039
CONTINGENCY (5.00%)						3,652
SUBTOTAL						76,691
SUPV, INSP & OVERHEAD (6.50%)						4,985
TOTAL REQUEST						81,676
TOTAL REQUEST (ROUNDED)						82,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Construct Humidity Controlled Warehouses. Primary facilities include humidity controlled warehouses, roof mounted exhaust fans, fire detection and suppression systems, Intrusion Detection System installation, interior communication systems, vehicle hardstand area, access roads, and four central latrine facilities. Supporting facilities include utilities (electrical, water, sewer), security lighting, water storage tank with fire pumps, storm drainage, roads, surface areas; fencing, signage, gravel road removal, site preparation, and communication lines. Air Conditioning (Estimated 2,800 kWr/796 Tons).						
11. REQ:		89,187 m2	ADQT: NONE		SUBSTD:	89,187 m2
PROJECT: Construct Humidity Controlled Warehouses to support Army Pre-Positioned Sets(APS) equipment storage at Camp Arifjan, Kuwait. (Current Mission)						
REQUIREMENT: This project is required to provide adequate facilities to support the Department of Army requirement for storage of Army Prepositioned Sets in humidity controlled warehouse conditions. Humidity controlled storage is required to enable Army Material Command (AMC) to fully support war fighting units as they continue Operation Enduring Freedom and prepare for future operations.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Camp Arifjan, Kuwait (Kuwait Various)

4. PROJECT TITLE  APS Warehouses	5. PROJECT NUMBER  71485
--	--------------------------------

CURRENT SITUATION: When not in use, the APS equipment set is stored in open desert environment and exposed to the harsh Kuwait weather. Continuous desert exposure increases maintenance costs and reduces equipment readiness. Most existing Arifjan warehouse space has been converted to administrative and maintenance space to support other Operation Iraqi Freedom missions at Camp Arifjan as directed by Coalition Forces Land Component Command (CFLCC). Existing Warehouses at Camp Arifjan are not available for APS long term storage. This storage facility is an essential element of the United States strategic plan for power projection in Southwest Asia and is required in order to allow AMC(Forward) to effectively manage the equipment storage mission.

IMPACT IF NOT PROVIDED: If this project is not provided, the Combatant Command's ability to quickly and decisively respond to regional contingencies will be hampered due to open desert storage degradation to the combat readiness of the APS sets. Army Pre-positioned Stocks will continue to require significant resources in order to be maintained at full mission capability. Outside desert storage results in increased cost and resources to support the regional contingencies and has a negative impact on the war fighter. Failure to fund this project will require increased maintenance expense or risk placing Soldiers in danger and possible loss of life due to lack of combat ready APS equipment.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	APR 2009
(b) Percent Complete As Of January 2009.....	.00
(c) Date 35% Designed.....	NOV 2009
(d) Date Design Complete.....	MAR 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: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	3,845
(b) All Other Design Costs.....	3,076
(c) Total Design Cost.....	6,921
(d) Contract.....	3,845
(e) In-house.....	3,076

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
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3. INSTALLATION AND LOCATION  
  
Camp Arifjan, Kuwait (Kuwait Various)

4. PROJECT TITLE  APS Warehouses	5. PROJECT NUMBER  71485
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (4) Construction Contract Award..... APR 2010
  - (5) Construction Start..... MAY 2010
  - (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>
NONE			

Installation Engineer: LTC Russell K. Sears  
Phone Number: 404-464-4893

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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			
62154	Host Nation Support FY 10	0	25,000	667
62152	Planning & Design FY10	0	153,029	669
		-----	-----	
	Subtotal Planning and Design Part I	\$ 0	178,029	
	Minor Construction (MINOR)			
62166	Minor Construction FY 10	0	23,000	671
		-----	-----	
	Subtotal Minor Construction Part I	\$ 0	23,000	
	* TOTAL MCA FOR Worldwide Various	\$ 0	201,029	
	** TOTAL WORLDWIDE FOR MCA	\$ 0	201,029	
	MILITARY CONSTRUCTION (Part I) TOTAL	\$ 3,116,350	3,660,779	

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1.COMONENT  ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  12 MAY 2009	
3.INSTALLATION AND LOCATION Planning and Design Host Nation Worldwide Various (Planning and Design)				4.PROJECT TITLE Host Nation Support FY 10		
5.PROGRAM ELEMENT  91211A		6.CATEGORY CODE  000	7.PROJECT NUMBER  62154		8.PROJECT COST (\$000) Auth Approp  25,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,000
Planning & Design - Host Nation		LS	--		--	(25,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						25,000
CONTINGENCY (.00 %)						0
SUBTOTAL						25,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						25,000
TOTAL REQUEST (ROUNDED)						25,000
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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning & Design FY10		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 62152		8. PROJECT COST (\$000) Auth Approp 153,029	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Planning & Design		LS	--		--	153,029 (153,029)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						153,029
CONTINGENCY (.00 %)						0
SUBTOTAL						153,029
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						153,029
TOTAL REQUEST (ROUNDED)						153,029
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 2010 program; for advancement to final design of projects in FY 2011 and for initiation of design of projects in FY 2012. The funds request for the annual planning and design requirement includes value						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  12 MAY 2009
3. INSTALLATION AND LOCATION  Planning and Design, Worldwide Various		
4. PROJECT TITLE  Planning & Design FY10	5. PROJECT NUMBER  62152	
<p>REQUIREMENT: (CONTINUED)</p> <p>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.</p>		

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 12 MAY 2009	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Minor Construction FY 10		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 962	7. PROJECT NUMBER 62166		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		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) 2010 Budget Estimates  
Justification Data Submitted to Congress**

**May 2009**

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
SUMMARY

(\$ in Thousands)

FY 2010 Budget Request	\$ 796,654
FY 2009 Current Estimate	\$1,374,260
FY 2009 President Budget Request	\$1,394,690

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 2010 Budget Request funds the Department's goal of providing fully adequate Family housing units. It also supports the Army's authorized strength and improves military housing for our Soldiers and their Families.

MAJOR FACTORS

**Army Family Housing Construction:** The FY 2010 request includes the second and final increment of funding for three authorized FY 2009 projects to complete 250 replacement Family housing units and a FY 2010 project to construct 38 Family housing units to replace units which are not economical to revitalize and will be demolished or returned to Host Nation. These units are located at installations that have been identified as enduring.

**Army Family Housing Operations:** Annual changes to the inventory drive program changes in most budget accounts. Programmatic adjustments to the FY 2010 request address cost avoidances associated with a declining inventory, partially offset by the higher cost of operations of the remaining owned inventory which are primarily located at foreign and overseas locations. Reductions in government-owned U.S. inventory, as summarized in the FH-2 display, are primarily the result of privatization, while foreign inventory reductions reflect inactivation of European facilities.

EFFECT OF PRIVATIZATION

The Army continues to make progress in improving the well being of Army's Soldiers and their Families. Our housing privatization program continues to privatize Family housing in FY 2010 through the Residential Communities Initiative (RCI) Program.

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SUMMARY (Continued)

PROGRAM SUMMARY

Authorization is requested for the performance of certain operation, maintenance, leasing, privatization, and construction of Army Family Housing in the amount of \$764,654,000 for:

Appropriation of \$796,654,000 is requested to fund:

- a. Family Housing Construction and
- b. Family Housing Operations already authorized in existing legislation.

REQUEST

A summary of the FY 2010 AFH funding program follows:

	<u>(\$ in Thousands)</u>	<u>(\$ in Thousands)</u>
CONSTRUCTION REQUEST		\$273,236
New Construction	50,000	
Post Acquisition Construction	219,300	
Planning and Design	3,936	
 OPERATIONS AND MAINTENANCE REQUEST		 \$523,418
Operations	88,440	
Maintenance of Real Property	115,854	
Utilities	<u>81,650</u>	
Subtotal Government Owned	285,944	
Leasing	205,685	
Privatization	31,789	
 TOTAL FAMILY HOUSING APPROPRIATION REQUEST		 \$796,654
 REIMBURSABLE PROGRAM		 \$18,000
 TOTAL FAMILY HOUSING PROGRAM		 \$814,654

Note 1: Request for appropriation includes \$32,000,000 for three construction projects authorized in FY2009.

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 FISCAL YEAR 2010  
 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 Cnty			
71421	Family Housing Replacement Construction		18,000	18,000
	Wiesbaden Mil Cnty			
74358	Family Housing Replacement Const Inc 2		0	10,000
74359	Family Housing Replacement Const Inc 2		0	11,000
74360	Family Housing Replacement Const Inc 2		0	11,000
			-----	-----
	SUBTOTAL Germany Various Part IIA	\$	18,000	50,000
	* TOTAL AFH FOR Germany	\$	18,000	50,000
	** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$	18,000	50,000
	MILITARY CONSTRUCTION (Part IIA) TOTAL	\$	18,000	50,000

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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	-----		-----	-----
-----	-----		-----	-----
Alaska	Fort Richardson (IMCOM)			
66648	Family Housing Privatization		46,000	46,000
			-----	-----
	SUBTOTAL Fort Richardson Part IIB	\$	46,000	46,000
	Fort Wainwright (IMCOM)			
66643	Family Housing Privatization		52,000	52,000
			-----	-----
	SUBTOTAL Fort Wainwright Part IIB	\$	52,000	52,000
	* TOTAL AFH FOR Alaska	\$	98,000	98,000
California	Fort Irwin (IMCOM)			
72702	Family Housing Privatization		30,000	30,000
			-----	-----
	SUBTOTAL Fort Irwin Part IIB	\$	30,000	30,000
	* TOTAL AFH FOR California	\$	30,000	30,000
Kentucky	Fort Knox (IMCOM)			
66654	Family Housing Privatization		26,700	26,700
72703	Family Housing Privatization		14,000	14,000
			-----	-----
	SUBTOTAL Fort Knox Part IIB	\$	40,700	40,700
	* TOTAL AFH FOR Kentucky	\$	40,700	40,700
Louisiana	Fort Polk (IMCOM)			
72704	Family Housing Privatization		18,400	18,400
			-----	-----
	SUBTOTAL Fort Polk Part IIB	\$	18,400	18,400
	* TOTAL AFH FOR Louisiana	\$	18,400	18,400
North Carolina	Fort Bragg (IMCOM)			
66655	Family Housing Privatization		5,400	5,400
			-----	-----
	SUBTOTAL Fort Bragg Part IIB	\$	5,400	5,400
	* TOTAL AFH FOR North Carolina	\$	5,400	5,400

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 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	-----	-----	-----
-----	-----	-----	-----
Oklahoma	Fort Sill (IMCOM)		
72707	Family Housing Privatization	20,300	20,300
		-----	-----
	SUBTOTAL Fort Sill Part IIB	\$ 20,300	20,300
	* TOTAL AFH FOR Oklahoma	\$ 20,300	20,300
Virginia	Fort Eustis (IMCOM)		
66657	Family Housing Privatization	6,500	6,500
		-----	-----
	SUBTOTAL Fort Eustis Part IIB	\$ 6,500	6,500
	* TOTAL AFH FOR Virginia	\$ 6,500	6,500
	** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 219,300	219,300

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2010  
 ARMY FAMILY HOUSING  
 POST ACQUISITION (Part IIB)  
 (DOLLARS ARE IN THOUSANDS)  
 WORLDWIDE

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----		
-----	-----		
Worldwide Various	Planning and Design (PLNGDES)		
62213	Family Housing P&D	3,936	3,936
		-----	-----
	SUBTOTAL Planning and Design Part IIB	\$ 3,936	3,936
	* TOTAL AFH FOR Worldwide Various	\$ 3,936	3,936
	** TOTAL WORLDWIDE FOR AFH	\$ 3,936	3,936
	MILITARY CONSTRUCTION (Part IIB) TOTAL	\$ 223,236	223,236

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DEPARTMENT OF ARMY  
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Army Family Housing  
PERFORMANCE METRICS

The FY 2010 Budget Request funds: completion of the construction of 250 replacement units at US Army Garrison (USAG) Wiesbaden, GE (authorized in FY 2009); replacement of 38 units at USAG Baumholder, GE; and, privatization at Fort Richardson, AK. Operational control of privatized Family housing at Fort Richardson will transfer to the developer in FY 2010. Exhibits FH-7 and FH-8, which follow, outline the elimination of the inadequate Family housing identified below.

Inadequate Family Housing Inventory

FY 2009, Beginning of Year:

Government Owned Inventory: 26,787 units

Total Inadequate: 1,542 units

Total Transitional: 6,434 units (e.g., BRAC, excess, non-enduring)

Percent Inadequate (excluding privatized units): 6%

FY 2010, Beginning of Year:

Government Owned Inventory: 17,715 units

Total Inadequate: 873 units

Total Transitional: 3,803 units (e.g., BRAC, excess, non-enduring)

Percent Inadequate (excluding privatized units): 5%

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Army Family Housing**  
**FH-7 Exhibit: Summary of Inadequate Unit Elimination**

	<u>FY2002</u>	<u>FY2003</u>	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
Beginning Fiscal Year Inventory	101,796	94,295	89,225	69,995	50,805	37,692	31,116	26,787	17,715
Adequate Inventory	29,580	31,378	28,831	24,972	18,690	16,957	18,143	18,811	13,039
Inadequate Inventory	72,216	62,917	60,394	45,023	32,115	20,735	9,484	1,542	873
Transitional Inadequate Inventory *	-	-	-	-	-	-	2,500	6,434	3,803
Percent Inadequate	71%	67%	68%	64%	63%	55%	34%	6%	5%
<b>Budget Impact</b>									
Inadequate Reduced	9,299	4,906	15,371	12,908	11,380	11,251	8,052	669	74
Milicon/O&M	2,653	820	1,191	1,922	1,760	2,162	471	549	38
Privatization	5,345	3,357	13,161	9,833	8,269	3,143	-	-	-
Demolition/Divestiture *	1,301	729	1,019	1,153	1,351	5,285	7,581	120	36
Funded by Host Nation	-	-	-	-	-	661	-	-	-
Adequate Units Privatized	1,189	1,227	4,787	7,935	3,133	1,265	1,515	4,429	1,202
Adequate change by Other **	334	243	(263)	(269)	(360)	617	27	(1,892)	61
Estimated EOY Inadequate Inventory	62,917	58,011	45,023	32,115	20,735	9,484	1,432	873	799
Estimated EOY Adequate Inventory	31,378	31,214	24,972	18,690	16,957	19,132	17,126	13,039	11,936
Estimated EOY Transitional Inadequate Inventory *	-	-	-	-	-	2,500	8,229	3,803	3,684
Estimated EOY Total Inventory	94,295	89,225	69,995	50,805	37,692	31,116	26,787	17,715	16,419

Note: Inventory adjustments for privatized housing are based on estimated date the units are privatized (no longer requiring FH O&M funds)

Inventory adjustment for traditional Family housing are shown according to year funded

\* Includes surplus, BRAC, & non-enduring foreign units beginning fiscal year 2007

\*\* Includes closed Bases, transfer to Host Nation, new construction or acquisition

DEPARTMENT OF ARMY  
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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2002

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2002	101,796	72,216	9,299
FY 2002 total traditional construction (Milicon) projects O&M projects to eliminate inadequate units			
* C/Improve/Aberdeen Proving Grounds	1,065	15	10
* C/Improve/Fort Rucker	1,516	1,064	28
* C/Improve/USAG Ansbach	1,162	773	128
* C/Improve/USAG Baumholder	1,875	1,490	188
* C/Improve/USAG Darmstadt	928	1,565	180
* C/Improve/USAG Stuttgart	1,687	1,327	75
* C/Improve/USAG Vicenza	373	315	156
* C/Improve/USAG Wiesbaden	2,724	2,218	432
* C/Improve/West Point Military Academy	1,003	318	51
* C/Improve/Yongsan	272	262	17
* C/Replace/Fort Bliss	2,762	2,089	76
* C/Replace/Fort Huachuca	1,959	1,543	72
* C/Replace/Fort Leavenworth	1,586	2,743	84
* C/Replace/Fort Sam Houston	941	394	70
* C/Replace/Fort Wainwright	1,269	998	32
* O/Revite/USAG Bamberg	785	693	54
* O/Revite/USAG Baumholder	1,875	1,302	132
* O/Revite/USAG Darmstadt	928	838	234
* O/Revite/USAG Grafenwohr	277	156	48
* O/Revite/USAG Heidelberg	1,987	1,632	19
* O/Revite/USAG Mannheim	2,093	1,873	318
* O/Revite/USAG Schweinfurt	961	789	36
* O/Revite/USAG Stuttgart	1,687	1,252	27
* O/Revite/USAG Vilsack	1,222	272	18
* O/Revite/USAG Wiesbaden	2,724	1,786	72
* O/Revite/USAG Wuerzburg	732	12,676	96

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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2002 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY 2002 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/Fort Lewis	3,637	2,749	2,749
* RCI/Fort Meade	2,862	2,596	2,596
FY2002 total units demolished/divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Fort Bliss (Part of Replacement Project)	2,762	2,013	34
* Demolition/Fort Huachuca (Part of Replacement Project)	1,959	1,471	8
* Demolition/Fort Wainwright (Part of Replacement Project)	1,269	926	16
* Demolition/USAG Stuttgart (Part of Improvement Project)	1,687	1,214	15
* Demolition/Fort Benning	4,026	3,854	3
* Demolition/Fort Dix	758	164	164
* Demolition/Fort Huachuca	1,967	1,471	166
* Demolition/Fort Knox	3,487	2,743	176
* Demolition/Fort Monmouth	893	322	224
* Demolition/Fort Polk	3,641	3,081	17
* Demolition/Fort Redstone	543	197	114
* Demolition/Fort Sam Houston	955	324	14
* Demolition/Fort Wainwright	1,269	966	40
* Demolition/Hawthorne	130	50	50
* Demolition/Schofield Barracks	5,185	2,628	186
* Demolition/White Sands Missile Range	526	289	74
Total Units at end of FY 2002	94,295	62,917	9,299

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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2003

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2003	94,295	62,917	4,906
FY 2003 total traditional construction (Milcon) projects to eliminate inadequate units			
* C/Improve/Carlisle Barracks	324	321	36
* C/Improve/Stuttgart	1,687	1,239	72
* C/Improve/West Point Military Academy	1,001	267	54
* C/Replace/Fort Wainwright	1,253	3,007	38
* C/Replace/Yuma Proving Ground	275	275	33
* O/Revite/Chievres	3	3	3
* O/Revite/Garmisch	120	97	24
* O/Revite/Heidelberg	1,988	1,372	80
* O/Revite/Hohenfels	179	75	27
* O/Revite/Stuttgart	1,687	1,167	187
* O/Revite/Wiesbaden	2,724	1,635	266
FY 2003 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/Fort Bragg		3,357	3,357

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2003 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY2003 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Yuma Proving Ground (Part of Replace Project)	275	242	4
* Demolition/USAG Stuttgart (Part of Improvement Project)	1,687	972	83
* Demolition/USAG Wiesbaden (Part of Improvement Project)	2,724	1,369	42
* Demolition/Carlisle Barracks (Part of Improvement Project)	324	285	8
* Demolition/USAG Garmisch (Return to Host Nation)	120	73	4
* Demolition/USAG Hohenfels (Return to Host Nation)	179	48	48
* Demolition/Cornhusker	1	1	1
* Demolition/Fort Benning	4,023	3,812	12
* Demolition/Fort Campbell	4,240	2,840	2
* Demolition/Fort Knox	3,299	3,148	92
* Demolition/Fort Monmouth	1,021	840	198
* Demolition/Fort Richardson	1,210	942	1
* Demolition/Letterkenny	13	13	9
* Demolition/Moffett Federal Airfield	711	241	15
* Demolition/Selfridge ANGB	596	219	20
* Demolition/USAG Babenhausen	666	666	72
* Demolition/USAG Bamberg	785	703	10
* Demolition/USAG Giessen	1,681	1,580	6
* Demolition/USAG Mannheim	2,085	1,589	14
* Demolition/USAG Schweinfurt	961	799	3
* Demolition/USAG Stuttgart	1,687	980	8
* Demolition/Yongsan Garrison	273	260	37
* Demolition/ Ravanna (Closing)	15	15	15
* Demolition/ Indiana (Closing)	49	25	25
Units at end of FY 2003	89,225	58,011	4,906

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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2004

	Total Inventory	Total Inadequate Inventory <sup>1</sup>	Total Inadequate Addressed
Total Units at beginning of FY 2004	89,225	60,394	15,371
FY 2004 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/Dugway Proving Grounds	364	260	191
* C/Improve/West Point Military Academy	1,001	196	56
* C/Replace/Fort Huachuca	1,793	1,434	220
* C/Replace/Fort Knox	3,207	3,007	178
* C/Replace/Fort Lee	1,327	956	89
* C/Replace/Fort Riley	3,052	1,899	62
* C/Replace/Fort Sill	1,415	912	120
* C/Replace/White Sands Missile Range	452	419	58
* O/Revite/USAG Ansbach	1,159	511	49
* O/Revite/USAG Garmisch	116	69	38
* O/Revite/USAG Grafenwoehr	277	144	84
* O/Revite/USAG Stuttgart	1,665	889	46

FY 2004 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCi/Fort Belvoir	2,070	1,851	1,851
* RCi/Fort Campbell	4,238	2,838	2,838
* RCi/Fort Detrick/ Walter Reed Missile Center	412	150	150
* RCi/Fort Hamilton	436	436	436
* RCi/Fort Irwin/Moffett/ Camp Parks	2,762	866	866
* RCi/Fort Polk	3,428	3,121	3,121
* RCi/Fort Stewart/Hunter Army Airfield	2,927	2,230	2,230
* RCi/POM	1,675	1,669	1,669

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2004 (Continued)

	Total Inventory	Total Inadequate Inventory <sup>1</sup>	Total Inadequate Addressed
FY2004 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Dugway Proving Grounds (Part of Improvement Project)	364	69	69
* Demolition/Fort Huachuca (Part of Replacement Project)	1,793	1,214	10
* Demolition/Fort Riley (Part of Replacement Project)	3,052	1,837	10
* Demolition/USAG Ansbach (Part of Improvement Project)	1,159	462	30
* Demolition/Camp Hialeah	91	91	1
* Demolition/Fort Bliss	2,752	2,045	401
* Demolition/Fort Knox	3,207	2,829	108
* Demolition/Fort Monmouth	823	642	150
* Demolition/Fort Monroe	183	98	14
* Demolition/Picatinny Arsenal	73	73	3
* Demolition/Schofield Barracks	4,977	2,312	8
* Demolition/Selfridge Air National Guard Base	588	190	87
* Demolition/USAG Ansbach	1,159	432	42
* Demolition/USAG Hanau	1,965	1,744	34
* Demolition/USAG Heidelberg	1,988	1,292	9
* Demolition/USAG Mannheim	2,071	1,575	22
* Demolition/USAG Schweinfurt	958	796	6
* Demolition/USAG Wuerzburg	1,475	1,106	2
* Demolition/Yuma Proving Grounds	274	266	13
<b>Total Units at end of FY 2004</b>	<b>69,995</b>	<b>45,023</b>	<b>15,371</b>

Note 1. Between end of FY03 and beginning of FY04, there was inventory adjustment to current inventory condition and updated schedule 48, resulting in an increase of 2,383DU inadequate units.

DEPARTMENT OF ARMY  
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 Army Family Housing  
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2005

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2005	69,995	45,023	12,908
FY 2005 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/Fort Jackson	1,186	956	298
* C/Improve/Fort Riley	3,052	1,827	434
* C/Improve/USAG Grafenwoehr	273	60	48
* C/Improve/USAG Stuttgart	1,648	843	47
* C/Improve/West Point Military Academy	997	140	36
* C/Replace/Fort Huachuca	1,505	1,204	201
* C/Replace/Fort Lee	1,324	867	196
* C/Replace/Fort Richardson	1,209	941	82
* C/Replace/Fort Riley	3,052	1,393	126
* C/Replace/Fort Sill	1,415	792	247
* C/Replace/White Sands Proving Grounds	730	361	156
* C/Replace/Yuma Proving Grounds	261	253	49
* Minor M&R/Fort Huachuca	1,505	946	2
FY 2005 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort Bliss/White Sands Missile Range	3,081	1,849	1,849
* RCI/ Fort Drum	2,272	2	2
* RCI/ Fort Eustis/Story	1,115	1,103	1,103
* RCI/ Fort Leonard Wood	2,496	2,446	2,446
* RCI/ Fort Sam Houston	924	315	315
* RCI/ Fort Shafter/ Scofield Barracks	7,880	4,118	4,118

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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2005 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY2005 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/USAG Babenhausen (Return to Host Nation)	594	594	81
* Demolition/USAG Bad Aibling Station (Return to Host Nation)	122	122	122
* Demolition/USAG Baumholder (Return to Host Nation)	1,871	1,416	77
* Demolition/USAG Giessen (Return to Host Nation)	1,675	1,574	84
* Demolition/Fort Jackson (Part of Improvement Project)	1,186	658	74
* Demolition/USAG Grafenwoehr (Part of Improvement Project)	273	12	12
* Demolition/USAG Stuttgart (Part of Improvement Project)	1,648	796	13
* Demolition/Fort Huachuca (Part of Replacement Project)	1,505	1,003	57
* Demolition/Fort Lee (Part of Replacement Project)	1,324	671	110
* Demolition/Yuma Proving Grounds (Part of Replacement Project)	261	204	25
* Demolition/Aberdeen Proving Grounds	1,064	623	39
* Demolition/Camp Zama	1,021	735	65
* Demolition/Fort Jackson	1,186	584	4
* Demolition/Fort Knox	2,882	2,721	45
* Demolition/Fort Monmouth	673	492	6
* Demolition/USAG Ansbach (including Illesheim)	1,087	390	64
* Demolition/USAG Hanau	1,964	1,710	43
* Demolition/USAG Heidelberg	1,979	1,283	180
* Demolition/USAG Mannheim	2,049	1,553	1
* Demolition/USAG Schweinfurt	952	790	18
* Demolition/USAG Vilseck	1,222	152	2
* Demolition/West Point Military Academy	997	104	31
Total Units at end of FY 2005	50,805	32,115	12,908

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 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2006

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2006	50,805	32,115	11,380
FY 2006 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Replace/Fort Huachuca	1,062	944	131
* C/Replace/Fort Lee	1,324	561	96
* C/Replace/Fort Richardson	1,209	859	117
* C/Replace/Fort Sill	1,415	545	129
* C/Replace/Fort Wainwright	1,380	769	212
* C/Replace/Yuma Proving Ground	191	179	35
* C/Improve/Fort Huachuca	1,062	813	20
* C/Improve/Fort Lee	1,324	465	128
* C/Improve/USAG Ansbach	1,001	326	48
* C/Improve/USAG Garmisch	109	31	25
* C/Improve/USAG Stuttgart	1,597	783	270
* C/Improve/USAG Vilseck	1,220	150	134
* C/Improve/USAG Wiesbaden	2,679	1,327	379
* C/Improve/West Point Military Academy	966	73	36
FY 2006 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort Benning	4,011	3,800	3,800
* RCI/ Fort Rucker	1,513	1,036	1,036
* RCI/ Fort Gordon	876	592	592
* RCI/ Fort Riley	3,052	1,267	1,267
* RCI/ Carlisle Barracks/Picatiny Arsenal	426	347	347
* RCI/ Fort Leavenworth	1,578	1,227	1,227

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2006 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY2006 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Fort Huachuca ( Part of Replacement Project)	1,062	793	44
* Demolition/Fort Lee ( Part of Replacement Project)	1,324	337	70
* Demolition/Fort Wainwright ( Part of Replacement Project)	1,415	557	60
* Demolition/Yuma Proving Grounds (Part of Replacement Project)	191	144	52
* Demolition/USAG Ansbach (Part of Improvement Project)	1,220	278	12
* Demolition/USAG Garmisch (Part of Improvement Project)	109	6	6
* Demolition/USAG Stuttgart (Part of Improvement Project)	1,597	513	131
* Demolition/USAG Viseck (Part of Improvement Project)	1,220	16	16
* Demolition/USAG Wiesbaden (Part of Improvement Project)	966	948	96
* Demolition/Camp Hialeah	90	90	90
* Demolition/Camp Zama	1,010	670	28
* Demolition/Fort Myer	178	118	118
* Demolition/Natick Soldier Systems Center	80	9	2
* Demolition/Red River Army Depot	1	1	1
* Demolition/Redstone Arsenal	463	202	2
* Demolition/USAG Giessen	1,591	1,490	400
* Demolition/USAG Hanau	1,921	1,667	16
* Demolition/USAG Heidelberg	1,799	1,103	3
* Demolition/USAG Illesheim	342	342	19
* Demolition/USAG Schweinfurt	934	772	183
* Demolition/West Point Military Academy	2,679	37	2
<b>Total Units at end of FY 2006</b>	<b>37,692</b>	<b>20,735</b>	<b>11,380</b>

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2007

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2007	37,692	20,735	11,251
FY 2007 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/USAG Ansbach	678	266	84
* C/Improve/Fort Huachuca	1,443	749	16
* C/Improve/Fort Richardson	1,107	742	86
* C/Improve/Fort Sill	1,415	416	416
* C/Improve/USAG Stuttgart	1,562	382	233
* C/Improve/USAG Wiesbaden	2,677	852	174
* C/Replace/Fort McCoy	25	13	13
* C/Replace/Fort Richardson	1,107	656	162
* C/Replace/Fort Wainwright	1,267	497	234
* C/Replace/Fort Huachuca	1,443	733	119
* C/Replace/Pine Bluff Arsenal	44	44	6
* Minor M&R/Fort McNair	29	8	8
* Minor M&R/Fort Richardson	1,107	494	430
* Minor M&R/Fort Wainwright	1,267	263	137
* Minor M&R/Lowa Army Ammunition Plant	2	2	2
* Minor M&R/Lake City Army Ammunition Plant	11	11	11
* Minor M&R/Letterkenny	4	4	4
* Minor M&R/Natick Soldier Systems Center	78	7	7
* Minor M&R/Watervliet Arsenal	71	68	20
FY 2007 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCII/ Redstone Arsenal	453	200	200
* RCII/ Fort Knox	2,861	2,676	2,676
* RCII/ Fort Lee	1,094	267	267

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing

FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2007 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY 2007 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/USAG Ansbach (Part of Improvement Project)	678	182	22
* Demolition/USAG Stuttgart (Part of Improvement)	1,562	149	32
* Demolition/USAG Wiesbaden (Part of Improvement)	2,677	678	60
* Demolition/Fort Richardson (Part of Improvement)	1,107	64	24
* Demolition/Fort Huachuca (Part of Replacement)	1,443	614	149
* Demolition/Fort Wainwright (Part of Replacement)	1,267	126	126
* Demolition/Camp Zama	994	642	5
* Demolition/Selfridge Air National Guard Base (BRAC)	548	103	103
* Demolition/USAG Babenhausen	513	513	162
* Demolition/USAG Hanau	1,833	1,651	72
* Demolition/USAG Wiesbaden	2,677	852	75
* Demolition/Watervliet Arsenal	71	71	3
* Divestiture/USAG Wuerzburg (Kitzingen Closing)	1,433	1,104	781
* Divestiture/USAG Giessen (Non-enduring) (Closed)	1,191	1,090	1,090
* Conversion/USAG Stuttgart	1,562	117	38
* Conversion/USAG Schweinfurt	751	589	43

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2007 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY 2007 total units addressed by others (Host Nation, or Excess)			
* Funded by Host Nation/ Camp Walker	100	72	24
* Funded by Host Nation/ Camp Zama	548	637	637
* Redesignated as Excess/Aberdeen Proving Grounds	1,023	584	584
* Redesignated as Excess/Fort Huachuca	1,443	465	465
* Redesignated as Excess/Fort Jackson	1,170	580	580
* Redesignated as Excess/Fort Richardson	1,107	40	40
* Redesignated as Excess/Pine Bluff Arsenal	44	38	38
* Redesignated as Excess/Watervliet Arsenal	71	48	48
* Redesignated as Excess/West Point Military Academy	964	35	35
* Redesignated as Excess/Yuma Proving Grounds	198	92	92
* Redesignated as Excess/Fort Monroe (BRAC)	168	84	84
* Redesignated as Excess/Umatilla Chemical Depot (BRAC)	6	6	6
* Redesignated as Excess/Fort Monmouth (BRAC)	667	486	486
* Redesignated as Excess/Fort McPherson (BRAC)	112	42	42
Total Units at end of FY 2007	31,116	9,484	11,251

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2008

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2008	31,116	9,484	8,052
FY 2008 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Replace/USAG Ansbach	673	160	106
* O/Revite/USAG Illesheim	323	323	288
* O/Revite/USAG Stuttgart	1,562	79	12
* Minor M&R/USAG Illesheim	323	35	17
* Minor M&R/Camp Walker	100	48	48
FY 2008 total units privatized (no longer require FH O& M) to eliminate inadequate housing			
* RCI/ West Point Military Academy	964	-	-
* RCI/ Fort Jackson	1,166	-	-

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2008 (Continued)

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY2008 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/USAG Heidelberg (Return to Host Nation)	1,745	1,100	196
* Demolition/USAG Hanau (Non-enduring) (Return to Host Nation)	1,833	1,579	900
* Demolition/USAG Stuttgart (Return to Host Nation)	1,562	67	38
* Demolition/USAG Wuerzburg	684	323	72
* Conversion/USAG Illesheim	323	18	18
* Redesignated as Excess /USAG Baumholder	1,769	1,339	554
* Redesignated as Excess /USAG Babenhausen (Non-enduring)	351	351	351
* Redesignated as Excess/USAG Bamberg (Non-enduring)	743	693	693
* Redesignated as Excess/USAG Darmstadt (Non-enduring)	931	604	604
* Redesignated as Excess/USAG Hanau (Non-enduring)	1,833	679	679
* Redesignated as Excess/USAG Heidelberg (Non-enduring)	1,745	904	904
* Redesignated as Excess/USAG Mannheim (Non-enduring)	1,986	1,552	1,552
* Redesignated as Excess/USAG Schweinfurt (Non-enduring)	707	546	546
* Redesignated as Excess/USAG Wuerzburg (Non-enduring)	684	251	251
* Redesignated as Excess/Yongan Garrison (Non-enduring)	262	223	223
Total Units at end of FY 2008	26,787	1,432	8,052

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

FH-8 Exhibit: Annual Inadequate Family Housing Elimination 2009

	Total Inventory	Total Inadequate Inventory <sup>1</sup>	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 <sup>2</sup>	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
FY 2009 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/Fort Huachuca/Yuma Proving Grounds	1,480	-	-
* RCI/Aberdeen Proving Grounds	1,006	-	-
* RCI/Fort Sill	1,411	-	-
* RCI/Fort Wainwright/ Fort Greely	1,666	-	-
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	17,715	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 requested in FY10.

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Fiscal Year (FY) 2010 Budget Estimates  
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	17,715	873	74
FY 2010 total traditional construction (Milcon) and O&M projects to eliminate inadequate units * C/Replace/USAG Baumholder	1,577	873	38
FY 2010 total units privatized (no longer require FH O&M) to eliminate inadequate housing * RCI/Fort Richardson	1,242	-	-
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

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Fiscal Year (FY) 2010 Budget Estimates  
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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
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
Germany	USAG Baumholder	38 units	18,000,000
	Total	38 units	18,000,000

(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 [\$579,000] \$3,936,000.

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 [\$420,001,000] \$219,300,000.

DEPARTMENT OF ARMY  
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Army Family Housing  
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

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, [~~\$678,580,000~~] \$273,236,000.

(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 [~~\$716,110,000~~] \$523,418,000.

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, [~~\$646,580,000~~] \$273,236,000 to remain available until [September 30, 2013] September 30, 2014.

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, [~~\$716,110,000~~] \$523,418,000.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

Items of Interest – MILCON Appropriations Committees

Public Law 110-329, Consolidated Security, Disaster Assistance, and Continuing Appropriations, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2009

General and Flag Officer Quarters (GFOQ), Maintenance and Repair (M&R) over \$35K

Section 123, the Committee directed the Services to notify Congress before spending more than \$35,000 per unit annually. (See Tab, GFOQ M&R over \$35K).

General and Flag Officer Quarters, Cost Reports

Section 123, the Committee directed the Under Secretary of Defense (Comptroller) to report annually all operations and maintenance (O&M) expenditures for each individual GFOQ for the prior fiscal year. (Submitted separately).

Items of Interest - Armed Services Committees

Public Law 110-417, Duncan Hunter National Defense Authorization Act for Fiscal Year 2009

Annual Report on Maintenance and Repair to Privatized General and Flag Officer Quarters (GFOQ)

Section 2805 (f), the Committees amended Title X, United States Code, Section 2884(b) requiring the Secretary of Defense to report annually all operations, maintenance, and repair costs for each individual privatized GFOQ that exceeded \$50,000 for the prior fiscal year. (see Exhibit, FH-12).

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Army Family Housing

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DEPARTMENT OF ARMY  
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NEW CONSTRUCTION

(\$ in Thousands)

FY 2010 Budget Request	\$50,000
FY 2009 Current Estimate	\$226,000
FY 2009 President Budget Request	\$258,000

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

1. Authorization is requested in FY 2010 for construction of 38 Family housing units, including demolition of 24 existing units. After completion of this project, an additional 50 existing units will be returned to Host Nation.

2. Authorization is requested in FY 2010 for appropriation in the amount of \$50,000,000 to fund construction of 38 Family housing units, demolition of 24 existing units and the second and final increment of funding for three projects authorized in FY 2009.

A summary of the requested new construction funding program for FY 2010 follows:

Location	Mission	Number of Units		Amount (\$000)
		Constr.	Divested	
Baumholder, Germany	Current	38	74	18,000
Wiesbaden, Germany	Current	n/a	n/a	10,000 *
Wiesbaden, Germany	Current	n/a	n/a	11,000 *
Wiesbaden, Germany	Current	n/a	n/a	11,000 *
TOTAL:		38	74	50,000

\* Second and final increment of funding for three projects authorized in FY 2009.

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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1. COMPONENT ARMY	FY 2010-2011 MILITARY CONSTRUCTION PROGRAM						2. DATE MAY 2009
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	
A. AS OF 31 OCT 2008	5919	32574	18196	0	329	16	
B. END FY 2015	5107	21274	14250	0	209	22	
						2985	
						5971	
						19084	
						85,074	
						2971	
						5938	
						18790	
						68,561	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....			3,193 AC				
B. INVENTORY TOTAL AS OF 31 DEC 2008.....					2,409,110		
C. AUTHORIZATION NOT YET IN INVENTORY.....					1,042,665		
D. AUTHORIZATION REQUESTED IN THE FY 2010 PROGRAM.....					18,000		
E. AUTHORIZATION REQUESTED IN THE FY 2011 PROGRAM.....					TBD		
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....					TBD		
G. REMAINING DEFICIENCY.....					TBD		
H. GRAND TOTAL.....					TBD		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2010 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
711	71421	Family Housing Replacement Construction		18,000	TURNKEY		
711	74358	Family Housing Replacement Const Inc 2		10,000	TURNKEY		
711	74360	Family Housing Replacement Const Inc 2		11,000	TURNKEY		
711	74359	Family Housing Replacement Const Inc 2		11,000	TURNKEY		
TOTAL				50,000			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2011 PROGRAM:				TBD			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):				TBD			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				TBD			
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 2010-2011 MILITARY CONSTRUCTION PROGRAM	2. DATE MAY 2009
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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 2010 MILITARY CONSTRUCTION PROJECT DATA			2.DATE  MAY 2009	
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  71421		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>						10,990
Family Housing, Junior NCO/Enli		FA	25	--	248,742	(6,219)
Family Housing, Junior NCO/Enli		FA	13	--	298,161	(3,876)
SDD and EPAct05		LS	--	--	--	(339)
Building Information Systems		LS	--	--	--	(556)
<u>SUPPORTING FACILITIES</u>						5,319
Electric Service		LS	--	--	--	(355)
Water, Sewer, Gas		LS	--	--	--	(970)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(800)
Storm Drainage		LS	--	--	--	(360)
Site Imp( 1,210) Demo( 500)		LS	--	--	--	(1,710)
Information Systems		LS	--	--	--	(1,124)
ESTIMATED CONTRACT COST						16,309
CONTINGENCY (5.00%)						815
SUBTOTAL						17,124
SUPV, INSP & OVERHEAD (6.50%)						1,113
TOTAL REQUEST						18,237
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Replace existing inadequate stairwell housing buildings with construction of 38 new townhouse style units for Junior Non-Commissioned Officer (JNCO) Families (25 three- and 13 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 demolition, 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, 220V electric systems, masonry walls, 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. Upon completion of these townhouses, 74 existing units will be divested from the Family housing inventory, 24 by demolition and 50 will be returned to the Host Nation.						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		MAY 2009

3. INSTALLATION AND LOCATION  
 Baumholder Mil Cmty, Germany (Germany Various)

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing Replacement Construction	71421

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	#Units	Total (\$K)
JNCO	3	1,310	1,630	151	1.14	1,445	25	6,219
JNCO	4	1,560	1,950	181	1.14	1,445	13	3,876
TOTALS							38	10,095

Demolish 1 Building (24DU) at Baumholder Fam Hsg GE07K, GY (TOTAL 3,462 m2/37,263 PROJECT: Replacement construction of 38 Junior Non-Commissioned Officer Family housing units to include neighborhood amenities, energy conservation and supporting infrastructure. Upon completion of construction, 74 existing units will be divested (24 by demolition and 50 will be returned to the Host Nation). (Current Mission)

REQUIREMENT: 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 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Baumholder Mil Cmty, Germany (Germany Various)		
4. PROJECT TITLE  Family Housing Replacement Construction	5. PROJECT NUMBER  71421	
<p>ADDITIONAL: (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) 20090414		2. FISCAL YEAR 2010		REPORT CONTROL SYMBOL DD-AT&L(AR)1716	
3. DOD COMPONENT Army		4. REPORTING INSTALLATION							
5. DATA AS OF 27 Feb 08		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		332	2,741	1,267	4,340	129	1,140	278	1,547
7. PERMANENT PARTY PERSONNEL		332	2,741	1,267	4,340	129	1,140	278	1,547
8. GROSS FAMILY HOUSING REQUIREMENTS		161	1,201	293	1,655	42	430	114	586
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	7	6	2	15
11. EFFECTIVE HOUSING REQUIREMENTS		159	1,161	289	1,609	35	424	112	571
12. HOUSING ASSETS (a+b)		195	1,350	283	1,828	145	591	30	766
a. UNDER MILITARY CONTROL		145	1,166	274	1,585	36	512	30	578
(1) Housed in Existing DoD Owned/Controlled		99	940	269	1,308	36	512	30	578
(2) Under Contract/Approved						0	0	0	0
(3) Vacant		43	224	5	272				
(4) Inactive		3	2	0	5				
b. PRIVATE HOUSING		50	184	9	243	109	79	0	188
(1) Acceptably Housed		45	159	9	213				
(2) Acceptable Vacant Rental		5	25	0	30				
13. EFFECTIVE HOUSING DEFICIT		-36	-189	6	-219	-110	-167	82	-195
14. PROPOSED PROJECT						0	0	38	38
15. REMARKS (Specify item number)									
Line 14: Project replaces 74 apartment style Family housing units with 38 Junior Non-Commissioned Officer townhouse style quarters. Project demolishes 24 units and converts 50 units to other uses after completion of construction.									
Junior NCO 25 3 bedroom units 13 4 bedroom units									

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Wiesbaden Mil Cnty Germany (Germany Various)				4. PROJECT TITLE Family Housing Replacement Const Inc 2		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 74358		8. PROJECT COST (\$000) Auth Approp 10,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,322
Construct 3 BR CGO Townhouses		FA	15 --		212,533	(3,188)
Construct 4 BR CGO Townhouse		FA	16 --		245,719	(3,932)
Construct 3 BR FGO Townhouse		FA	6 --		230,960	(1,386)
Construct 4 Br FGO Townhouse		FA	10 --		264,130	(2,641)
Other Special Construction		FA	47 --		20,257	(952)
SDD and EPAct05		LS	--		--	(223)
<u>SUPPORTING FACILITIES</u>						5,639
Electric Service		LS	--		--	(500)
Water, Sewer, Gas		LS	--		--	(515)
Steam And/Or Chilled Water Dist		LS	--		--	(800)
Paving, Walks, Curbs & Gutters		LS	--		--	(592)
Storm Drainage		LS	--		--	(350)
Site Imp( 2,155) Demo( )		LS	--		--	(2,155)
Information Systems		LS	--		--	(727)
ESTIMATED CONTRACT COST						17,961
CONTINGENCY (5.00%)						898
SUBTOTAL						18,859
SUPV, INSP & OVERHEAD (6.50%)						1,226
TOTAL REQUEST						20,085
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$20M was requested in FY 2009 (PN 66245) with the first funding increment of \$10M. The second funding increment of \$10M is requested in FY 2010 (PN 74358). Provides whole neighborhood revitalization by construction of 47 Company Grade Officer (CGO) (15 three-bedroom and 16 four-bedroom units) and Field Grade Officer (FGO) (6 three-bedroom and 10 four-bedroom units) townhouse Family quarters including neighborhood amenities and supporting infrastructure, built to current standards, to replace 90 Family units in 7 multi-unit stairwell buildings that will be returned to the Host Nation. Construction consists of variously configured townhouse style units which are conventionally on-site constructed. Project will provide individual heating controls, hard-wired interconnected smoke and carbon monoxide detectors, garages, storage, deck or patio, fencing, full landscaping, and all equipment and appliances for functional living units. Supporting facility work includes new roads and utilities as well as recreation amenities. Five percent of these units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Special construction includes dual voltage (110/220), and masonry construction using local construction technology.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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3. INSTALLATION AND LOCATION  
  
Wiesbaden Mil Cnty, Germany (Germany Various)

4. PROJECT TITLE  Family Housing Replacement Const Inc 2	5. PROJECT NUMBER  74358
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	# Units	Total (\$K)
CGO	3	1,500	1,860	173	1.331	923	15	3,188
CGO	4	1,730	2,150	200	1.331	923	16	3,932
FGO	3	1,630	2,020	188	1.331	923	6	1,386
FGO	4	1,860	2,310	215	1.331	923	10	2,641
TOTALS							47	11,147

PROJECT: Whole neighborhood revitalization by construction of 47 Company and Field Grade Officer townhouse Family housing units including neighborhood amenities, energy conservation and supporting infrastructure to replace 90 Family units in 7 multi-unit stairwell apartment buildings that will be returned to the Host Nation. (Current mission)

REQUIREMENT: This project is required to improve existing Family housing living conditions at an enduring location for Company and Field Grade Officers and their Families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability, and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards. This project will provide an equivalent housing standard as that provided to CONUS based Soldiers and Families.

CURRENT SITUATION: The existing structures were constructed between 1949 and 1957, and are inadequately sized. They have not undergone a major upgrade or renovation since their construction, and all utility systems, doors, windows, roofing, exterior facades, kitchens and baths are failing from age.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing that will continue to deteriorate, increasing 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 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009												
3. INSTALLATION AND LOCATION  Wiesbaden Mil Cmty, Germany (Germany Various)														
4. PROJECT TITLE  Family Housing Replacement Const Inc 2	5. PROJECT NUMBER  74358													
<table border="0"> <thead> <tr> <th></th> <th style="text-align: center;">FY2009</th> <th style="text-align: center;">Requested FY2010</th> </tr> </thead> <tbody> <tr> <td>Authorization</td> <td style="text-align: right;">\$20,000</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Authorization of Appropriation</td> <td style="text-align: right;">\$10,000</td> <td style="text-align: right;">\$10,000</td> </tr> <tr> <td>Appropriation</td> <td style="text-align: right;">\$10,000</td> <td style="text-align: right;">\$10,000</td> </tr> </tbody> </table> <p>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.</p>				FY2009	Requested FY2010	Authorization	\$20,000	\$0	Authorization of Appropriation	\$10,000	\$10,000	Appropriation	\$10,000	\$10,000
	FY2009	Requested FY2010												
Authorization	\$20,000	\$0												
Authorization of Appropriation	\$10,000	\$10,000												
Appropriation	\$10,000	\$10,000												

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Wiesbaden Mil Cnty Germany (Germany Various)				4. PROJECT TITLE Family Housing Replacement Const Inc 2		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 74359		8. PROJECT COST (\$000) Auth Approp 11,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,836
Family Housing, General Officer		FA	6 --		345,167	(2,071)
Family Housing, Senior Officer		FA	2 --		261,500	(523)
Family Housing, FGO 3 BR		FA	10 --		210,000	(2,100)
Family Housing, FGO 4 BR		FA	20 --		240,100	(4,802)
Family Housing, Senior NCO 3 BR		FA	25 --		193,210	(4,830)
Total from Continuation page						(11,510)
<u>SUPPORTING FACILITIES</u>						12,291
Electric Service		LS	--		--	(1,374)
Water, Sewer, Gas		LS	--		--	(2,735)
Steam And/Or Chilled Water Dist		LS	--		--	(1,906)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,766)
Storm Drainage		LS	--		--	(1,108)
Site Imp( 2,604) Demo( )		LS	--		--	(2,604)
Information Systems		LS	--		--	(798)
ESTIMATED CONTRACT COST						38,127
CONTINGENCY (5.00%)						1,906
SUBTOTAL						40,033
SUPV, INSP & OVERHEAD (6.50%)						2,602
TOTAL REQUEST						42,635
TOTAL REQUEST (ROUNDED)						43,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$43M was requested in FY 2009 (PN 66318) with the first funding increment of \$32M. The second funding increment of \$11M is requested in FY 2010 (PN 74359). Provides whole neighborhood revitalization by construction of 103 enlisted and officer Family quarters consisting of 6 General Officer (GO) four-bedroom single Family detached quarters, 2 Senior Officer (SO) four-bedroom single Family detached quarters, 30 Field Grade Officer (FGO) (10 three-bedroom and 20 four-bedroom) townhouse Family quarters, and 65 Senior Non-Commissioned Officer (SNCO) (25 three-bedroom and 40 four-bedroom) townhouse Family quarters including recreation amenities and supporting infrastructure, all to current standards to replace 102 existing Family units in 8 multi-unit stairwell apartment buildings which are uneconomical to revitalize and will be returned to the Host Nation after this project is complete. Construction consists of variously configured single Family and townhouse type units which are conventionally on-site constructed. Project will provide individual heating controls, hard-wired interconnected smoke and carbon monoxide detectors, storage, garages, patio or deck, fencing, full landscaping, and all equipment and appliances for functional living units. Supporting facility work includes new roads and utilities as well as recreation amenities. Five percent of these units will be accessible and						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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3. INSTALLATION AND LOCATION  
  
Wiesbaden Mil Cnty, Germany (Germany Various)

4. PROJECT TITLE  Family Housing Replacement Const Inc 2	5. PROJECT NUMBER  74359
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Family Housing, Senior NCO 4 BR FA		40 --	223,375	(8,935)
Other Special Construction FA		103 --	20,483	(2,110)
SDD and EAct05 LS		--	--	(465)
			Total	11,510

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

easily modifiable to accommodate the requirements of the handicapped. Special construction includes dual voltage (110/220) and masonry construction using local construction technology.

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	# Units	Total (\$K)	
GO	4	2,690	3,330	309	1.21	923	6	2,071	
SO	4	2,030	2,520	234	1.21	923	2	523	
FGO	3	1,630	2,020	188	1.21	923	10	2,100	
FGO	4	1,860	2,310	215	1.21	923	20	4,802	
SNCO	3	1,500	1,860	173	1.21	923	25	4,830	
SNCO	4	1,730	2,150	200	1.21	923	40	8,935	
							TOTALS	103	23,261

PROJECT: Whole neighborhood revitalization by construction of 103 officer (6 General Officer, 2 Senior Officer single Family housing units, 30 Field Grade Officer townhouse type units) and 65 Senior Noncommissioned Officer townhouse type Family housing units to include neighborhood amenities, energy conservation and supporting infrastructure, all to current standards, in the proximity of the Wiesbaden Army Airfield, to replace 102 Family units in 8 existing multi-unit stairwell buildings that will be returned to the Host Nation. (Current Mission)

REQUIREMENT: 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 development will give Soldiers and Families an equivalent housing standard as that provided to CONUS based Soldiers.

CURRENT SITUATION: The new townhouse units constructed under this project will be replacing inventory that is being converted to administrative use (102 units) at the Kastel Housing area. These existing units were constructed in the 1950s and are inadequately sized. They have not undergone a major upgrade or renovation since their original construction, and all utility systems,

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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3. INSTALLATION AND LOCATION  
  
Wiesbaden Mil Cmty, Germany (Germany Various)

4. PROJECT TITLE  Family Housing Replacement Const Inc 2	5. PROJECT NUMBER  74359
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CURRENT SITUATION: (CONTINUED)  
doors, windows, roofing, exterior facades, and kitchens and baths are failing from age. To bring the stairwell buildings up to current standards, meeting force protection, fire protection, energy conservation and size standards, new construction is more cost effective than renovation.  
IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing that will continue to deteriorate, increasing 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 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	Requested FY2010
Authorization	\$43,000	\$0
Authorization of Appropriation	\$32,000	\$11,000
Appropriation	\$32,000	\$11,000

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.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Wiesbaden Mil Cnty Germany (Germany Various)				4. PROJECT TITLE Family Housing Replacement Const Inc 2		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 74360		8. PROJECT COST (\$000) Auth Approp 11,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						21,376
Family Housing, Junior NCO/Enli		FA	40 --		168,641	(6,746)
Family Housing, Junior NCO/Enli		FA	60 --		202,146	(12,129)
Other Special Construction		FA	100 --		21,225	(2,123)
SDD and EPAct05		LS	--		--	(378)
<u>SUPPORTING FACILITIES</u>						12,383
Electric Service		LS	--		--	(1,500)
Water, Sewer, Gas		LS	--		--	(3,300)
Steam And/Or Chilled Water Dist		LS	--		--	(1,600)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,000)
Storm Drainage		LS	--		--	(850)
Site Imp( 2,325) Demo( )		LS	--		--	(2,325)
Information Systems		LS	--		--	(808)
ESTIMATED CONTRACT COST						33,759
CONTINGENCY (5.00%)						1,688
SUBTOTAL						35,447
SUPV, INSP & OVERHEAD (6.50%)						2,304
TOTAL REQUEST						37,751
TOTAL REQUEST (ROUNDED)						38,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$38M was requested in FY 2009 (PN 66319) with the first funding increment of \$27M. The second funding increment of \$11M is requested in FY 2010 (PN 74360). Provides whole neighborhood revitalization by construction of 100 Junior Non-Commissioned Officer (JNCO) townhouse Family quarters (40 three-bedroom and 60 four-bedroom units) including recreation amenities and supporting infrastructure, all built to current standards to replace 138 existing units in 9 multi-unit stairwell buildings which are uneconomical to revitalize and will be returned to the Host Nation after this project is complete. Construction consists of variously configured townhouse type units which are conventially on-site constructed. Project will provide individual heating controls, hard-wired interconnected smoke and carbon monoxide detectors, storage, garages, deck or patio, fencing, full landscaping, and all equipment and appliances for functional living units. Supporting facility work includes new roads and utilities as well as recreation amenities. Five percent of these units will be handicapped accessible and easily modifiable to accommodate the requirements of the handicapped. Special construction includes dual voltage (110/220) and masonry construction using local construction technology.						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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3. INSTALLATION AND LOCATION  
  
Wiesbaden Mil Cnty, Germany (Germany Various)

4. PROJECT TITLE  Family Housing Replacement Const Inc 2	5. PROJECT NUMBER  74360
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	# Units	Total (\$K)
JNCO	3	1,310	1,630	151	1.21	923	40	6,746
JNCO	4	1,560	1,950	181	1.21	923	60	12,129
TOTALS							100	18,875

PROJECT: Whole neighborhood revitalization by construction of 100 Junior Non-Commissioned Officer townhouse Family housing units to include neighborhood amenities, energy conservation and supporting infrastructure, all to current standards, in proximity of Wiesbaden Army Airfield, to replace 138 existing Family units in 9 multi-unit stairwell apartment buildings that will be returned to the Host Nation. (Current Mission)

REQUIREMENT: 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 project will provide an equivalent housing standard as that provided to CONUS based Soldiers and Families.

CURRENT SITUATION: The new townhouse units constructed under this project will be replacing inventory that is being converted to administrative/UPH use (138 units) on Wiesbaden Army Airfield. These existing units were constructed in the 1950s and are inadequately sized. They have not undergone a major upgrade or renovation since their original construction, and all utility systems, doors, windows, roofing, exterior facades, and kitchens and baths are failing from age. To bring the stairwell buildings up to current standards, meeting force protection, fire protection, energy conservation and size standards, new construction is more cost effective than renovation.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing that will continue to deteriorate, increasing 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 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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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3. INSTALLATION AND LOCATION  Wiesbaden Mil Cmty, Germany (Germany Various)	
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4. PROJECT TITLE  Family Housing Replacement Const Inc 2	5. PROJECT NUMBER  74360
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	FY2009	Requested FY2010
Authorization	\$38,000	\$0
Authorization of Appropriation	\$27,000	\$11,000
Appropriation	\$27,000	\$11,000

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.

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DEPARTMENT OF ARMY  
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POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)

FY 2010 Budget Request	\$219,300
FY 2009 Current Estimate	\$420,001
FY 2009 President Budget Request	\$420,001

### 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 contributions to finance Public-Private Venture (PPV) actions. Traditional revitalization of military Family housing units is requested when it is more economical to renovate rather than replace. The proposed investment in privatization and post-acquisition construction will increase the useful life of the revitalized units by 35 years and concurrently reduce maintenance and repair requirements.

In FY 2010, the Army will operate and maintain an average inventory of 17,020 Family housing units with an average age exceeding 35 years. Many of these units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood. This concept includes the dwelling units, supporting utility systems, energy conservation, roads, playgrounds, and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

Privatization will provide new and revitalized facilities by leveraging the Army's equity contribution, housing property, and the Soldier's housing allowance to obtain 50-year contracts for construction, revitalization and sustainment of Army Family Housing. Nine privatization projects are included in this request.

DEPARTMENT OF ARMY  
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Army Family Housing  
POST-ACQUISITION CONSTRUCTION (Continued)

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization, privatization and improvements to 2,083 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>				
Fort Wainwright, AK	No	All Grades	176	52,000
Fort Irwin, CA	No	All Grades	90	30,000
Fort Knox, KY	No	All Grades	205	26,700
Fort Knox, KY	No	All Grades	129	14,000
Fort Polk, LA	No	All Grades	144	18,400
Fort Bragg, NC	No	GFOQ	11	5,400
Fort Sill, OK	No	All Grades	78	20,300
Fort Eustis, VA	No	GFOQ	8	6,500
Subtotal			841	173,300

Projects which do not exceed the statutory funding limitation (10 USC 2835) 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>				
Fort Richardson, AK	No	All Grades	1,242	46,000
Subtotal			1,242	46,000
Total Post Acquisition			2,083	219,300

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POST- ACQUISITION CONSTRUCTION (Continued)

FUNDING SUMMARY

<u>Construction Improvements Program (\$000)</u>	<u>Requested Authorization Amount (\$000)</u>
\$219,300	\$219,300

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
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 223,236		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
Planning and Design		LS			3,936	
Privatization using Alternative Authorities for Improvement		LS			219,300	
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)		LS			0	
Total					223,236	
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. Privatized new construction and revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructures.</p> <p>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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2009
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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
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction -----	ECIP ----	CWE (\$000)  Total -----
Alaska			
Fort Richardson (Project Number 66648)	46,000		
Privatization of Family housing using alternative authorities for improvement and acquisition of military housing - 1,242 units. (Separate DD Form 1391 is attached).			
Installation Total			46,000
Alaska			
Fort Wainwright (Project Number 66643)	52,000		
Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 176 units. (Separate DD Form 1391 is attached).			
Installation Total			52,000
California			
Fort Irwin (Project Number 72702)	30,000		
Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 90 units. (Separate DD Form 1391 is attached).			
Installation Total			30,000
Kentucky			
Fort Knox (Project Number 66654)	26,700		
Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 205 units. (Separate DD Form 1391 is attached).			

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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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
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DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project	Post Acquisition Construction	ECIP	CWE (\$000) Total
	-----	----	-----
(Project Number 72703) Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 129 units. (Separate DD Form 1391 is attached).	14,000		
Installation Total			40,700
Louisiana			
Fort Polk (Project Number 72704) Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 144 units. (Separate DD Form 1391 is attached).	18,400		
Installation Total			18,400
North Carolina			
Fort Bragg (Project Number 66655) Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 11 units. (Separate DD Form 1391 is attached).	5,400		
Installation Total			5,400
Oklahoma			
Fort Sill (Project Number 72707) Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 78 units. (Separate DD Form 1391 is attached).	20,300		
Installation Total			20,300

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
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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
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction -----	ECIP ----	CWE (\$000)  Total -----
Virginia			
Fort Eustis (Project Number 66657)	6,500		
Privatized construction of Family housing using alternative authorities for improvement and acquisition of military housing - 8 units. (Separate DD Form 1391 is attached).			
Installation Total			6,500
USA TOTALS	219,300		219,300



1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Richardson Alaska				4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 66648		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> Privatize Family Housing		FA	1,242 --		37,037	46,000 (46,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						46,000
CONTINGENCY (.00 %)						0
SUBTOTAL						46,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						46,000
TOTAL REQUEST (ROUNDED)						46,000
INSTALLED EQT-OTHER APPROP						(0)
<p>10. Description of Proposed Construction      During 2010, the Army will privatize Family housing at Fort Richardson, Alaska. Privatization may include renovation, demolition, replacement and/or new construction, environmental mitigation, and operation, repair, maintenance and management of Family housing functions. The requested funding will provide for the Army's equity contribution to the project scope. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) to support privatization of Army Family housing.</p> <p><u>PROJECT:</u> Privatization of Family housing using 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 financial contribution to support the privatization of Family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new Family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.</p>						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Richardson, Alaska		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  66648	
<p><u>CURRENT SITUATION:</u> The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that none of Fort Richardson's inventory of 1,242 units is inadequate.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, both officer and enlisted personnel will continue to reside in Family housing that does not meet current standards. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. This will adversely affect the health, safety and quality of life of the occupants.</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. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute a construction project for replacement of 80 enlisted and officer Family quarters at the programmed amount of this project. 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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 66643	8. PROJECT COST (\$000) Auth 52,000 Approp 52,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	176 --	295,455	52,000 (52,000)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					52,000
CONTINGENCY (.00 %)					0
SUBTOTAL					52,000
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					52,000
TOTAL REQUEST (ROUNDED)					52,000
INSTALLED EQT-OTHER APPROP					(0)
<p>10. Description of Proposed Construction      The Army privatized Family housing operations at Fort Wainwright and Fort Greely, Alaska in April 2009 with the transfer of 1,628 homes to be renovated and/or replaced during the initial development period. This funding request will provide for the Army's equity contribution towards addressing a growing Family housing deficit in support of the Army Modular Force initiative. Construction will consist of 176 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 Wainwright.</p> <p><u>PROJECT:</u> Construction of 176 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 financial contribution to support the construction of 176 new homes to reduce the Family housing deficit at Fort Wainwright. Construction will conform to current local standards of adequate size, habitability, safety, and energy conservation.</p> <p><u>CURRENT SITUATION:</u> In April 2009, the Army and Actus Lend Lease established a limited liability corporation for the purpose of managing Family housing at Fort Wainwright. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land. In</p>					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Wainwright, Alaska		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  66643	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>exchange, Actus Lend Lease will plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Fort Wainwright, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support additional deficit reduction at Fort Wainwright.</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.</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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Irwin California			4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 72702	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>					
Family Housing Privatization		FA	90 --	333,333	30,000 (30,000)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					30,000
CONTINGENCY (.00 %)					0
SUBTOTAL					30,000
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					30,000
TOTAL REQUEST (ROUNDED)					30,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction					
<p>In March 2004, the Army privatized Family housing operations in a combined project at Fort Irwin, Moffett Airfield and Parks Reserve Training Center, CA. The Army transferred 2,290 homes, and an additional 90 homes will be built under the development plan. The requested funds are required to address a growing Family housing deficit in support of the Army Modular Force initiative. Construction will consist of 90 houses 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 Irwin.</p> <p><u>PROJECT:</u> Construction of 90 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 financial contribution to support the construction of 90 new homes to reduce the Family housing deficit at Fort Irwin. Construction will conform to current local standards of adequate size, habitability, safety and energy conservation.</p> <p><u>CURRENT SITUATION:</u> In March 2004, the Army and Clark-Pinnacle established a limited liability corporation for the purpose of managing Family housing at Fort Irwin, Moffett Airfield and Parks RTC. The government conveyed the existing Family housing inventory and certain associated improvements, and</p>					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Irwin, California		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  72702	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>leased the underlying land. In exchange, Clark-Pinnacle will 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 additional deficit reduction at Fort Irwin.</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 economy. Failure to provide adequate housing will adversely affect the health, safety and quality of life of military Families.</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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Knox Kentucky			4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 66654	8. PROJECT COST (\$000) Auth 26,700 Approp 26,700		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	205 --	130,244	26,700 (26,700)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					26,700
CONTINGENCY (.00 %)					0
SUBTOTAL					26,700
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					26,700
TOTAL REQUEST (ROUNDED)					26,700
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction <p>In December 2006, the Army privatized Family housing operations at Fort Knox, KY. The Army transferred 2,998 homes which will be renovated and/or replaced during the initial development period. This funding request will provide for the Army's equity contribution towards increased replacement construction rather than renovation as originally envisioned. Replacement construction will consist of 205 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 Knox.</p> <p><u>PROJECT:</u> Replacement construction of 205 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 financial contribution to support the replacement of 205 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 2006, the Army and Actus Lend Lease established a limited liability corporation for the purpose of managing Family housing at Fort Knox. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land.</p>					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Knox, Kentucky		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  66654	
<p>CURRENT SITUATION: (CONTINUED)</p> <p>In exchange, Actus Lend Lease will plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Fort Knox, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support additional replacement construction at Fort Knox.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing that will continue to deteriorate, increasing maintenance and energy cost. This will adversely affect the health, safety and quality of life of military Families.</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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Knox Kentucky				4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 72703		8. PROJECT COST (\$000) Auth 14,000 Approp 14,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	129 --		108,527	14,000 (14,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						14,000
CONTINGENCY (.00 %)						0
SUBTOTAL						14,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						14,000
TOTAL REQUEST (ROUNDED)						14,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction <p>In December 2006, the Army privatized Family housing at Fort Knox, Kentucky. The Army transferred 2,998 homes which will be renovated and/or replaced during the initial development period. In addition another 129 homes will be constructed in support of a growing housing deficit. The requested funding will provide the Army's equity contribution towards addressing a growing Family housing deficit resulting from the stationing of additional Soldiers and their Families at Fort Knox. Construction will consist of 129 homes including neighborhood amenities and supporting infrastructure. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) for use at Fort Knox.</p> <p><u>PROJECT:</u> Construction of 129 Family housing units including neighborhood amenities and supporting infrastructure 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 financial contribution to support the construction of 129 new homes to reduce the growing Family housing deficit resulting from the stationing of additional Soldiers and their Families at Fort Knox. Construction will conform to current local standards of adequate size, habitability, safety, and energy conservation.</p>						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Knox, Kentucky		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  72703	
<p><u>CURRENT SITUATION:</u> In December 2006, the Army and Actus Lend Lease established a limited liability corporation for the purpose of managing Family housing at Fort Knox. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land. In exchange, Actus Lend Lease will plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Fort Knox, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support additional deficit reduction at Fort Knox.</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.</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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Polk Louisiana			4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 72704	8. PROJECT COST (\$000) Auth 18,400 Approp 18,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	144 --	127,778	18,400 (18,400)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					18,400
CONTINGENCY (.00 %)					0
SUBTOTAL					18,400
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					18,400
TOTAL REQUEST (ROUNDED)					18,400
INSTALLED EQT-OTHER APPROP					(0)
<p>10. Description of Proposed Construction In September 2004, the Army privatized Family housing operations at Fort Polk, Louisiana. The Army transferred 3,466 homes to be renovated and/or replaced during the initial development period. In addition another 144 homes will be constructed in support of a growing Family housing deficit. The requested funding will provide the Army's equity contribution towards addressing a growing Family housing deficit resulting from the stationing of additional Soldiers and their Families at Fort Polk. Construction will consist of 144 homes including neighborhood amenities and supporting infrastructure. In accordance with 10 USC, Section 2883, these funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) for use at Fort Polk.</p> <p><u>PROJECT:</u> Construction of 144 Family housing units including neighborhood amenities and supporting infrastructure 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 financial contribution to support the construction of 144 new homes to reduce the growing Family housing deficit resulting from the stationing of additional Soldiers and their Families at Fort Polk. Construction will conform to current local standards of adequate size, habitability, safety, and energy</p>					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Polk, Louisiana		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  72704	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>conservation.</p> <p><u>CURRENT SITUATION:</u> In September 2004, the Army and Picerne Military Housing, LLC established a limited liability corporation for the purpose of managing Family housing at Fort Polk. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land. In exchange, Picerne will plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Fort Polk, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support additional deficit reduction at Fort Polk.</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.</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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 66655	8. PROJECT COST (\$000) Auth 5,400 Approp 5,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Family Housing, General Officer		EA	11 --	490,000	5,390 (5,390)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					5,390
CONTINGENCY (.00 %)					0
SUBTOTAL					5,390
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					5,390
TOTAL REQUEST (ROUNDED)					5,400
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction					
<p>In August 2003, the Army privatized Family housing operations at Fort Bragg, NC. The Army transferred 4,746 homes which will be renovated and/or replaced during the initial development period, and 834 new units will be constructed. The requested funds are required to address a BRAC05 Family housing deficit by constructing eleven(11) General and Flag Officer Quarters (GFOQ) including neighborhood amenities 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 Bragg.</p> <p><u>PROJECT:</u> Construction of eleven(11) GFOQ Family housing units using the alternative authorities for improvement and acquisition of military housing in 10 USC, Section 2872 et al. (Current Mission)</p> <p><u>REQUIREMENT:</u> This funding is required to provide for the Army's financial contribution to support the construction of eleven(11) new GFOQs in support of BRAC05 relocations at Fort Bragg. Construction will conform to current local standards of adequate size, habitability, safety, and energy conservation.</p> <p><u>CURRENT SITUATION:</u> In August 2003, the Army and Picerne Military Housing established a limited liability corporation for the purpose of managing Family housing at Fort Bragg. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land.</p>					

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Bragg, North Carolina		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  66655	
<p>CURRENT SITUATION: (CONTINUED)</p> <p>In exchange, Picerne Military Housing, LLC will plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Fort Bragg, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support GFOQ deficit reduction at Fort Bragg.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the installation will not be able to house key and essential General Officers and their Families on post. 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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. PROJECT TITLE Family Housing Privatization			
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 72707		8. PROJECT COST (\$000) Auth 20,300 Approp 20,300		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	78 --		260,256	20,300 (20,300)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						20,300
CONTINGENCY (.00 %)						0
SUBTOTAL						20,300
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						20,300
TOTAL REQUEST (ROUNDED)						20,300
INSTALLED EQT-OTHER APPROP						(0)
<p>10. Description of Proposed Construction In November 2008, the Army privatized Family housing at Fort Sill, Oklahoma. The Army transferred 1,411 homes to be renovated and/or replaced during the initial development period. In addition another 78 homes will be constructed in support of a growing housing deficit. The requested funding will provide for the Army's equity contribution towards addressing a growing Family housing deficit. Construction will consist of 78 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 Sill.</p> <p><u>PROJECT:</u> Construction of 78 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 financial contribution to support the construction of 78 new homes to reduce the Family housing deficit at Fort Sill. Construction conform to current local standards of adequate size, habitability, safety, and energy conservation.</p> <p><u>CURRENT SITUATION:</u> In 2008, the Army and Picerne Military Housing, LLC established a limited liability corporation for the purpose of managing Family housing at Fort Sill. The government conveyed the existing Family housing inventory and certain associated improvements, and leased the underlying land.</p>						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  72707	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>In exchange, Picerne will plan, design, develop, renovate, demolish, construct, own, operate, maintain and manage a rental housing development at Fort Sill, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support additional deficit reduction at Fort Sill.</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.</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. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Fort Eustis Virginia				4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 66657		8. PROJECT COST (\$000) Auth 6,500 Approp 6,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,285
Family Housing, General Officer		EA	8 --		770,000	(6,160)
Building Information Systems		LS	--		--	(125)
<u>SUPPORTING FACILITIES</u>						206
Information Systems		LS	--		--	(206)
ESTIMATED CONTRACT COST						6,491
CONTINGENCY (.00 %)						0
SUBTOTAL						6,491
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						6,491
TOTAL REQUEST (ROUNDED)						6,500
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. The requested funds are required to address a BRAC05 Family housing deficit by constructing eight (8) General and Flag Officer Quarters (GFOQ) including neighborhood amenities 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> Construction of eight (8) GFOQ Family housing units using the alternative authorities for improvement and acquisition of military housing in 10 USC, Section 2872 et al. (Current Mission)</p> <p><u>REQUIREMENT:</u> This funding is required to provide for the Army's financial contribution to support the construction of eight (8) new GFOQs in support of BRAC05 relocations at Fort Eustis. 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 GMH Military Housing, LLC 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. In exchange, GMH will plan, design, develop, renovate,</p>						

1. COMPONENT  ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MAY 2009
3. INSTALLATION AND LOCATION  Fort Eustis, Virginia		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  66657	
<p>CURRENT SITUATION: (CONTINUED)</p> <p>demolish, construct, own, operate, maintain and manage a rental housing development at Fort Eustis, as well as any utilities conveyed or constructed by the developer, for 50 years. This increment of funds will support GFOQ deficit 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 key and essential General Officers and their Families on post. 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) 2010 Budget Estimates  
Army Family Housing  
PLANNING AND DESIGN

(\$ in Thousands)

FY 2010 Budget Request	\$3,936
FY 2009 Current Estimate	\$ 579
FY 2009 President Budget Request	\$ 579

### 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 2010 Planning and Design request will be used to support the Military Housing Privatization Initiatives (MHPI).

### Authorization and Appropriation Request

Authorization requested for \$3,936,000 and appropriation requested for \$3,936,000 in FY 2010 to fund Family housing construction planning and design activities excluding MHPI.

### PROGRAM SUMMARY

Planning and Design funds will provide for final design work on FY 2010 and FY 2011 projects to ensure that construction contracts can be awarded in the respective fiscal years. This funding also provides for studies, and updating construction standards and criteria.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE MAY 2009	
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 62213		8. PROJECT COST (\$000) Auth 3,936 Approp 3,936	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						3,936
Planning & Design		LS	--		--	(3,936)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						3,936
CONTINGENCY (.00 %)						0
SUBTOTAL						3,936
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						3,936
TOTAL REQUEST (ROUNDED)						3,936
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. PROJECT: Planning and design funding for Family housing. REQUIREMENT: 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 2010 program; for advancement to final design of projects in FY 2011 and for initiation of design of projects in FY 2012. IMPACT IF NOT PROVIDED: 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 2010, 2011 and 2012 construction programs.						

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION, MAINTENANCE, AND UTILITIES

(\$ in Thousands)

FY 2010 Budget Request	\$285,944
FY 2009 Current Estimate	\$491,227
FY 2009 President Budget Request	\$491,227

### 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 housing units, as applicable:

a. Management - Provides resources for Family housing management, installation administrative support and for services provided by Housing Services Offices. Referral service provides information to place Families into local community housing. It also includes 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 Housing Operation Management Systems (HOMES) to support effective housing management, and includes personnel costs for residual housing staff at privatized housing locations.

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, 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.

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. This account also provides for repairs and improvements to extend the useful life of foreign units retained in service longer than initially programmed.

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION, MAINTENANCE, AND UTILITIES (Continued)

c. Exterior Utilities - Includes costs for M&R of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use 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 for less than \$3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects. Also 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 \$285,944,000 for FY 2010. This amount, together with estimated reimbursements of \$18,000,000, will fund the Operation, Utilities, and Maintenance program at \$303,944,000. A summary follows:

(\$ in Thousands)

<u>Operation</u>	<u>Maintenance</u>	<u>Utilities</u>	<u>Total Direct</u>	<u>Reimburse-ments</u>	<u>Total Program</u>
88,440	115,854	81,650	285,944	18,000	303,944

EXHIBIT FH-2 SUMMARY

In general, Family housing at foreign installations is more expensive to operate than units located in CONUS. In FY 2009, the foreign inventory represented 74 percent of the total owned inventory. By FY 2010, the foreign inventory will represent 85 percent of the total owned inventory.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

**Family Housing Operations and Maintenance Reprogramming Actions**  
**Fiscal Year 2008**

Account	FY 2008	FY 08 DD	FY 08 BLW	Percent	FY 2008 End
	Appropriation	1415 RPG	THD RPG	Reprogrammed	of Year
	(\$000)	(\$000)	(\$000)		(\$000)
<b>Utilities</b>	145,366		-4,926	-3%	140,440
<b>Operations</b>	127,432		-9,028	-7%	118,404
<b>Management</b>	64,864		-4,556	-7%	60,308
<b>Services</b>	29,500		-7,617	-26%	21,883
<b>Furnishings</b>	31,940		3,191	10%	35,131
<b>Miscellaneous</b>	1,128		-46	-04%	1,082
<b>Leasing</b>	206,129	-24,985	-3,233	-14%	177,911
<b>Maintenance</b>	215,585	-40,000	17,481	10%	193,066
<b>Adjustments</b>			1,121		1,121
<b>Privatization Support</b>	37,408		-1,415	-4%	35,993
<b>FCF</b>		76,491			76,491
<b>Total</b>	731,920	11,506	0		743,426

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Army Family Housing**  
**OPERATION, MAINTENANCE, AND UTILITIES (Continued)**  
**OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)**  
*Excludes Leased & Privatized Units and Costs*

A. INVENTORY DATA	FY 2008 ACTUALS		FY 2009 CURRENT ESTIMATE		FY 2010 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		31,116		26,787		17,715
INVENTORY END OF YEAR		26,787		17,715		16,419
EFFECTIVE AVERAGE INVENTORY		29,663		22,003		16,965
HISTORIC UNITS		900		426		426
UNITS REQUIRING O&M FUNDING:						
a. Contiguous US		7,614		3,585		1,860
b. U.S. Overseas		2,779		2,155		637
c. Foreign		19,270		16,263		14,468
d. Worldwide		29,663		22,003		16,965
<b>B. FUNDING REQUIREMENT</b>						
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	2,033	60,308	2,634	60,254	2,932	49,744
b. Services	738	21,883	980	22,437	962	16,325
c. Furnishings	1,184	35,131	1,840	42,089	1,249	21,194
d. Miscellaneous	36	1,082	54	1,241	69	1,177
SUBTOTAL - OPERATION	3,991	118,404	5,508	126,021	5,212	88,440
2. UTILITIES	4,734	140,440	4,940	113,017	4,812	81,650
3. MAINTENANCE						
a. Annual Recurring M&R	3,694	109,568	4,348	99,466	2,779	47,160
b. Major M&R Projects	2,050	60,810	5,121	117,142	3,191	54,138
c. Exterior Utilities	249	7,386	513	11,737	209	3,559
d. M&R, Other Real Prop.	453	13,439	866	19,823	532	9,041
e. Alts. & Additions	63	1,863	175	4,021	115	1,956
SUBTOTAL MAINTENANCE	6,509	193,066	11,023	252,189	6,826	115,854
FCF with PY adjustments	N/A	76,491	0	0	0	0
4. APPROPRIATION	15,234	528,401	21,471	491,227	16,850	285,944
5. REIMBURSABLE PROGRAM	606	18,000	786	18,000	1,061	18,000
6. TOTAL O&M PROGRAM	15,840	546,401	22,257	509,227	17,911	303,944

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION, MAINTENANCE, AND UTILITIES (Continued)  
 OPERATION AND MAINTENANCE, SUMMARY (CONUS)  
 Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2008 ACTUALS		FY 2009 CURRENT ESTIMATE		FY 2010 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		8,003		5,807		1,864
INVENTORY END OF YEAR		5,807		1,864		1,857
EFFECTIVE AVERAGE INVENTORY		7,614		3,585		1,860
HISTORIC UNITS		899		426		426
<b>B. FUNDING REQUIREMENT</b>						
<b>1. OPERATION</b>						
a. Management	3,524	26,832	6,965	25,486	12,258	22,800
b. Services	677	5,153	708	2,591	744	1,384
c. Furnishings	186	1,415	156	570	105	195
d. Miscellaneous	<u>111</u>	<u>847</u>	<u>339</u>	<u>1,241</u>	632	<u>1,177</u>
SUBTOTAL - OPERATION	4,498	34,247	8,168	29,888	13,739	25,556
<b>2. UTILITIES</b>	5,556	42,310	3,813	13,951	4,500	8,371
<b>3. MAINTENANCE</b>						
a. Annual Recurring M&R	4,818	36,686	3,480	12,735	3,977	7,398
b. Major M&R Projects	1,466	11,165	1,575	5,765	1,800	3,349
c. Exterior Utilities	225	1,718	241	879	274	510
d. M&R, Other Real Prop.	765	5,832	829	3,029	945	1,759
e. Alts. & Additions	<u>16</u>	<u>128</u>	<u>26</u>	<u>98</u>	<u>30</u>	<u>57</u>
SUBTOTAL MAINTENANCE	7,290	55,529	6,151	22,506	7,026	13,073
<b>4. APPROPRIATION</b>	17,344	132,086	18,132	66,345	25,265	47,000
<b>5. REIMBURSABLE PROGRAM</b>	<u>1,809</u>	<u>13,909</u>	3,801	<u>13,909</u>	<u>7,477</u>	<u>13,909</u>
<b>6. TOTAL O&amp;M PROGRAM</b>	19,153	145,995	21,933	80,254	32,742	60,909

EXHIBIT FH-2

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 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 2008 ACTUALS		FY 2009 CURRENT ESTIMATE		FY 2010 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		2,609		2,949		1,361
INVENTORY END OF YEAR		2,949		1,361		119
EFFECTIVE AVERAGE INVENTORY		2,779		2,155		637
HISTORIC UNITS		1		0		0
<b>B. FUNDING REQUIREMENT</b>						
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
<b>1. OPERATION</b>						
a. Management	1,591	4,422	1,427	2,458	3,019	1,923
b. Services	531	1,477	417	719	595	379
c. Furnishings	1,286	3,573	1,034	1,780	1,260	803
d. Miscellaneous	84	235	0	0	0	0
SUBTOTAL - OPERATION	3,492	9,707	2,878	4,957	4,874	3,105
<b>2. UTILITIES</b>						
<b>3. MAINTENANCE</b>						
a. Annual Recurring M&R	5,108	14,196	5,044	8,687	302	193
b. Major M&R Projects	2,611	7,257	6,790	11,694	408	260
c. Exterior Utilities	1,154	3,207	2,942	5,067	175	112
d. M&R, Other Real Prop.	555	1,543	1,471	2,534	87	56
e. Alts. & Additions	54	151	113	195	7	5
SUBTOTAL MAINTENANCE	9,482	26,354	16,360	28,177	979	626
<b>4. APPROPRIATION</b>						
<b>5. REIMBURSABLE PROGRAM</b>						
<b>6. TOTAL O&amp;M PROGRAM</b>	20,131	55,950	25,411	43,765	12,624	8,044
	294	819	475	819	1,285	819
	20,425	56,769	25,886	44,584	13,909	8,863

EXHIBIT FH-2

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION, MAINTENANCE, AND UTILITIES (Continued)  
 OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)  
 Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2008 ACTUALS		FY 2009 CURRENT ESTIMATE		FY 2010 BUDGET REQUEST	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
INVENTORY BEGINNING OF YEAR		20,504		18,031		14,490
INVENTORY END OF YEAR		18,031		14,490		14,443
EFFECTIVE AVERAGE INVENTORY		19,270		16,263		14,468
HISTORIC UNITS		0		0		0
<b>B. FUNDING REQUIREMENT</b>						
1. OPERATION						
a. Management	1,508	29,054	1,847	32,310	1,729	25,021
b. Services	792	15,253	1,093	19,127	1,000	14,562
c. Furnishings	1,564	30,143	2,271	39,739	1,396	20,196
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	3,864	74,450	5,211	91,176	4,125	59,779
2. UTILITIES	4,060	78,241	4,887	88,435	4,766	68,966
3. MAINTENANCE						
a. Annual Recurring M&R	3,045	58,686	4,461	78,044	2,735	39,569
b. Major M&R Projects	2,200	42,388	5,698	99,683	3,492	50,529
c. Exterior Utilities	128	2,461	331	5,791	202	2,937
d. M&R, Other Real Prop.	315	6,064	815	14,260	499	7,226
e. Alts. & Additions	82	1,584	213	3,728	131	1,894
SUBTOTAL MAINTENANCE	5,770	111,183	11,518	201,506	7,059	102,155
FCF with PY adjustments	N/A	76,491				
4. APPROPRIATION	13,694	340,365	21,616	381,117	15,950	230,900
5. REIMBURSABLE PROGRAM	168	3,272	187	3,272	226	3,272
6. TOTAL O&M PROGRAM	13,862	343,637	21,803	384,389	16,176	234,172

EXHIBIT FH-2

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION, MAINTENANCE, AND UTILITIES (Continued)  
 DOLLARS REQUIRING CONVERSION TO FOREIGN CURRENCY  
 (\$ in Thousands)

Curr.	FY2008		FY2009		FY2010	
	Budget Exchange Rates	Dollars Requiring Conversion	Budget Exchange Rates	Dollars Requiring Conversion	Budget Exchange Rates	Dollars Requiring Conversion
EURO	0.8259	386,479	0.7905	312,360	0.7737	188,602
YEN	114.7781	980	114.3007	980	108.9969	592
WON	1025.6971	47,821	981.0592	69,074	1191.5708	41,706
<b>Total</b>		<b>435,280</b>		<b>382,414</b>		<b>230,900</b>
	Market Rates	Cost of Conversion (All Currencies)	Market Rates	Cost of Conversion (All Currencies)	Market Rates	Cost of Conversion (All Currencies)
EURO	0.78		0.78		0.77	
YEN	117.17	<b>24,280</b>	117.17	<b>21,413</b>	99.30	<b>10,744</b>
WON	965.2		965.2		1328	

EXHIBIT PB-18

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$ 88,440
FY 2009 Current Estimate	\$126,021
FY 2009 President Budget Request	\$126,021

### 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 2010 estimate include the transfer of additional field personnel dedicated to RCI management and oversight to the RCI account, as well as 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 2010 estimate include savings associated with a declining inventory partially offset by the higher cost of operations of the remaining owned inventory, 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 2010 estimate include savings associated with a declining inventory. The higher cost of operations of the remaining owned inventory resides at more expensive foreign and overseas locations.

The Miscellaneous sub-account is based on our best estimate of anticipated interagency reimbursement (Dept. of Defense to Dept. of Transportation) for housing provided to Army personnel by the Coast Guard.

### Summary of Primary Adjustments in FY 2010 Budget

The FY 2010 requirement reflects a net reduction to owned inventory, resulting from privatization, and the closure of facilities in Europe. These savings are partially offset by the higher operational costs of foreign units, a weaker dollar, and inflation.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION ACCOUNT  
 MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$49,744
FY 2009 Current Estimate	\$60,254
FY 2009 President Budget Request	\$60,254

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 pay, non-pay inflation, and currency factors. The overall FY 2010 Management sub-account budget request is reduced from the FY 2009 current estimate, due to reduced inventory.

Installations continue to require a post-privatization housing staff to provide other 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

As the privatization program expands, personnel costs in the management account decline as a result of downsizing the housing work force, in accordance with OPM and union rules. This reduction represents savings from a reduced inventory and the transfer of dedicated privatization personnel from the Management account to privatization account with reductions in associated support costs.

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION ACCOUNT  
 MANAGEMENT SUB-ACCOUNT  
 RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	\$ In Thousands	
1. <b>FY 2009 President Budget Request</b>		<b>60,254</b>
2. <b>FY 2009 Current Estimate</b>		<b>60,254</b>
3. Price Adjustments:		-425
a. Civilian Pay Inflation	-90	
b. Non-Pay Inflation	-335	
4. Program Adjustment: Reduction in inventory due to privatization & European closures		-10,085
5. <b>FY 2010 President Budget Request</b>		<b>49,744</b>

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION ACCOUNT  
 SERVICES SUB-ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$16,325
FY 2009 Current Estimate	\$22,437
FY 2009 President Budget Request	\$22,437

The Services account is significantly affected by changes in inventory. The FY 2010 request is based on the required level of support for refuse collection, street cleaning and 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. The FY 2009 estimate includes savings associated with a declining inventory, partially offset by the higher per-unit cost of operating foreign and overseas inventory. The reduction in the program from FY 2009 to FY 2010 reflects saving due to reductions of U.S. inventory due to BRAC and privatization and the closure of European facilities.

EFFECT OF PRIVATIZATION

Program decrease to the Services account is due to inventory reduction.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION ACCOUNT  
SERVICES SUB-ACCOUNT  
RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 2009 President Budget Request</b>	<b>22,437</b>
2. <b>FY 2009 Current Estimate</b>	<b>22,437</b>
3. Price Adjustments: Non-pay inflation	-279
4. Program adjustment: FY 2009 to FY 2010 inventory reduction primarily due to privatization of U.S. inventory	-5,833
5. <b>FY 2010 President Budget Request</b>	<b>16,325</b>

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 OPERATION ACCOUNT  
 FURNISHINGS SUB-ACCOUNT

(\$ in Thousands)	
FY 2010 Budget Request	\$21,194
FY 2009 Current Estimate	\$42,089
FY 2009 President Budget Request	\$42,089

The furnishings sub-account is primarily used for procuring, controlling, managing, moving and handling, maintaining, and repairing household equipment (e.g., refrigerators, ranges, and where authorized, washers and dryers). In overseas and foreign locations, furniture items such as beds, tables, dressers, etc., are authorized.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors. The FY 2010 request is reduced because of inventory reductions due to privatization and the fact that FY 2009 funding for extended use of inventory was a one-time requirement.

**EFFECT OF PRIVATIZATION**

The Army will only fund furnishings for special command positions at privatized locations.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION ACCOUNT  
FURNISHINGS SUB-ACCOUNT  
RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 2009 President Budget Request</b>	<b>42,089</b>
2. <b>FY 2009 Current Estimate</b>	<b>42,089</b>
3. Price Adjustments: Non-Pay Inflation	-559
4. Program Adjustment: Reduced requirement resulting from inventory reduction due to privatization and no additional support for extended use of inventory.	-20,336
5. <b>FY 2010 President Budget Request</b>	<b>21,194</b>

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION ACCOUNT  
MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$1,177
FY 2009 Current Estimate	\$1,241
FY 2009 President Budget Request	\$1,241

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to U.S. Soldiers. The FY 2010 request will fund housing provided by the U.S. Coast Guard for Army Families in California, New Jersey, Massachusetts, Puerto Rico, Ohio, and Florida.

EFFECT OF PRIVATIZATION

The housing privatization program has no impact on the Miscellaneous Sub-account.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION ACCOUNT  
MISCELLANEOUS SUB-ACCOUNT  
RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 2009 President Budget Request</b>	<b>1,241</b>
2. <b>FY 2009 Current Estimate</b>	<b>1,241</b>
3. Program Adjustment	-64
4. <b>FY 2010 President Budget Request</b>	<b>1,177</b>

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
MAINTENANCE AND REPAIR ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$115,854
FY 2009 Current Estimate	\$252,189
FY 2009 President Budget Request	\$252,189

Maintenance and Repair (M&R) requirements are computed using Departmental cost factors provided by the DoD Facilities Sustainment Model (FSM). Cost factors are established at the installation level and converted to per-unit requirements that are then adjusted to budget year estimates by applying non-pay inflation, and currency revaluation factors. The resulting average per unit requirement provides for annual recurring and major M&R.

The Army maintains a Government-owned Family Housing inventory valued at approximately \$5.5 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 2009 to FY 2010 program decrease reflects the continued loss of government owned inventory due to privatization in the U.S. and European closures. The FY 2009 program also included \$71 million for major maintenance projects to extend the useful life of non-enduring European housing which is not repeated in the FY 2010 request.

EFFECT OF PRIVATIZATION

Program decrease to the Maintenance and Repair account is due to inventory reduction.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
OPERATION ACCOUNT  
MAINTENANCE AND REPAIR ACCOUNT  
RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 2009 President Budget Request</b>	<b>252,189</b>
2. <b>FY 2009 Current Estimate</b>	<b>252,189</b>
3. Price Adjustments: Foreign Currency Adjustments	-5,814
4. Program adjustments: Reflects decreased maintenance and repair due to inventory reduction and no additional support for extended use of inventory.	-130,521
5. <b>FY 2010 President Budget Request</b>	<b>115,854</b>

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER QUARTERS (GFOQ)  
ESTIMATED MAINTENANCE AND REPAIRS  
EXCEEDING \$35,000 PER DWELLING UNIT

The project list in this section is provided in accordance with the reporting requirement stated in Public Law 110-329, Consolidated Security, Disaster Assistance, and Continuing Appropriations Act 2009, Division E, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2009, Section 123. This section provides information regarding the anticipated costs for those GFOQ where maintenance and repair obligations in FY 2010 are expected to exceed \$35,000 per dwelling unit.

The Army's long-term GFOQ management program includes privatization of units in the United States, where feasible, and whole house renovations for units to be retained long-term. Additionally, large historic units that are uneconomical to retain are being considered for alternative uses. Thus the Army's GFOQ plan for FY 2010 includes 69 GFOQs with a total maintenance and repair cost that exceed \$35,000 per dwelling unit, totaling \$12,586,700. Maintenance and repairs include 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. Most of the Army's GFOQs were built prior to any Congressional size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally-directed preservation responsibilities.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies whenever feasible, in lieu of programming multiple smaller projects spread over several years. The Army's project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs in a timely manner will impact the condition of quarters and may render them uninhabitable.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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**

(PN# 72627, 74758, 74759)

201 Second Avenue	3,184	Yes	1903	\$343,500	-	-
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Operations/Utilities/Security - \$77,100; Total O&M - \$420,600

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$35,000; interior paint - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repairs of the entry columns to include replacement with fiber glass, and painting of the metal railings - \$60,000; replace windows and doors - \$120,000; repair exterior concrete, re-pointing bricks, etc. - \$80,000.

**Quarters 2**

(PN# 72627, 72628, 74758)

205 Second Avenue	3,184	Yes	1903	\$298,500	-	-
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Operations/Utilities/Security - \$87,100; Total O&M - \$385,600

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and paint metal railings - \$60,000; exterior repair - \$50,000; replace windows and doors - \$120,000.

**Quarters 3**

(PN# 72628, 74758, 74759)

209 Second Avenue	3,184	Yes	1903	\$301,500	-	-
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Operations/Utilities/Security - \$87,100; Total O&M - \$388,600

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$18,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and paint metal railings - \$60,000; replace windows and doors - \$120,000; repair exterior concrete, re-pointing bricks, etc. - \$80,000.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 4**

(PN# 72627, 74758, 74759)

213 Second Avenue	3,169	Yes	1903	\$295,000	-	-
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Operations/Utilities/Security - \$77,100; Total O&M - \$372,100  
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and paint metal railings - \$60,000; replace windows and doors - \$120,000; repair exterior concrete, re-pointing bricks, etc. - \$80,000

**Quarters 5**

(PN# 72627, 74758, 74759)

217 Second Avenue	2,876	Yes	1903	\$353,500	-	-
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Operations/Utilities/Security - \$87,100; Total O&M - \$440,600  
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$50,000; interior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; replace windows and doors - \$120,000; repair exterior concrete, re-pointing bricks, etc. - \$80,000

**Quarters 6**

(PN# 72627, 72628, 74758)

221 Second Avenue	2,834	Yes	1903	\$260,000	-	-
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Operations/Utilities/Security - \$77,100; Total O&M - \$337,100  
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$45,000; replace windows and doors - \$120,000

**Quarters 7**

(PN# 72627, 74758, 74759)

225 Second Avenue	4,436	Yes	1903	\$295,000	-	-
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Operations/Utilities/Security - \$78,500; Total O&M - \$373,500  
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; replace windows and doors - \$120,000; repair exterior concrete, re-pointing bricks, etc. - \$80,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 8**

(PN# 72627, 72628, 74758)

229 Second Avenue 4,057 Yes 1903 \$298,500 - -

Operations/Utilities/Security - \$88,500; Total O&amp;M - \$387,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$50,000; replace windows and doors - \$120,000

**Quarters 9**

(PN# 72627, 72628, 74758)

233 Second Avenue 4,278 Yes 1903 \$298,500 - -

Operations/Utilities/Security - \$87,100; Total O&amp;M - \$385,600

Maintenance and repairs including service calls - \$10,000; including change of occupancy - \$25,000; interior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$50,000; replace windows and doors - \$120,000

**Quarters 10**

(PN# 72627, 72628, 74758)

237 Second Avenue 3,169 Yes 1903 \$265,000 - -

Operations/Utilities/Security - \$77,500; Total O&amp;M - \$342,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$50,000; replace windows and doors - \$120,000

**Quarters 11**

(PN# 72627, 74758, 74759)

241 Second Avenue 3,169 Yes 1903 \$295,000 - -

Operations/Utilities/Security - \$76,500; Total O&amp;M - \$371,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; replace windows and doors - \$120,000; Repair exterior concrete, re-pointing bricks, etc. - \$80,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 12**

(PN# 72627, 72628, 74758)

245 Second Avenue      3,169   Yes      1903      \$255,000      -      -

Operations/Utilities/Security - \$77,500; Total O&amp;M - \$332,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$40,000; replace windows and doors - \$120,000

**Quarters 13**

(PN # 72627, 72628, 74758)

249 Second Avenue      3,169   Yes      1903      \$265,000      -      -

Operations/Utilities/Security - \$77,500; Total O&amp;M - \$342,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$50,000; replace windows and doors - \$120,000

**Quarters 14**

(PN # 72627, 72628, 74758)

253 Second Avenue      3,184   Yes      1903      \$298,500      -      -

Operations/Utilities/Security - \$87,500; Total O&amp;M - \$386,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$50,000; replace windows and doors - \$120,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT&	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE
						WORK

**Fort McNair (Continued)****Quarters 15**

(PN# 72627, 72628, 74758)

257 Second Avenue 3,169 Yes 1903 \$265,000 - -

Operations/Utilities/Security - \$77,500; Total O&amp;M - \$342,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair to replace columns with fiberglass and repair and paint metal railings - \$60,000; repair exterior and foundation - \$50,000; replace windows and doors - \$120,000

**ILLINOIS****Rock Island Arsenal****Quarters 4**

(PN #72988)

3294 Terrace Drive 4,455 Yes 1872 \$68,400 - -

Operations/Utilities/Security - \$19,100; Total O&amp;M - \$87,500

Maintenance and repairs including service calls - \$8,000; routine maintenance and repairs including change of occupancy - \$9,000; self-help - \$500; grounds maintenance - \$600; incidental improvements - \$300; major repair project to paint and encapsulate lead paint on interior on first and second floor and refinish hardwood floors on second floor - \$50,000

**VIRGINIA****Fort Myer****Quarters 1**

(PN #74929)

206 Washington 8,460 Yes 1899 \$472,000 - -

Operations/Utilities/Security - \$93,000; Total O&amp;M - \$565,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$40,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major project for roof repair, replacement doors and windows, and porch repair - \$397,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 2**

(PN# 72634, 74931)

202 Washington	3,618	Yes	1899	\$315,000	-	-
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Operations/Utilities/Security – \$75,500; Total O&amp;M - \$390,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major project to replace back porch and paint exterior - \$80,000; replace doors and windows – \$200,000

**Quarters 5**

(PN# 72632)

114 Grant Ave	3,405	Yes	1903	\$263,500	-	-
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Operations/Utilities/Security - \$85,500; Total O&amp;M - \$349,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint - \$15,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair project to renovate two bathrooms - \$50,000; paint exterior, replace windows - \$150,000

**Quarters 6**

(PN # 74118, 74758)

110 Grant Ave	7,365	Yes	1908	\$642,000	-	-
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Operations/Utilities/Security - \$88,500; Total O&amp;M - \$730,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,500; grounds maintenance - \$10,500; incidental improvements - \$3,000, Major project to renovate kitchen, baths ventilation lighting floors spindles and handrails, landscaping and front porch - \$430,000; replace windows - \$175,000.

**Quarters 7**

(PN # 72635)

106 Grant Ave	4,707	Yes	1909	\$350,000	-	-
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Operations/Utilities/Security - \$82,500; Total O&amp;M - \$432,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; incidental improvements - \$3,000; major project to replace front porch - \$120,000; replace windows, paint exteriors - \$195,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 8**

(PN #72633, 74928)

102 Grant Ave	4,255	Yes	1903	\$278,500	-	-
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Operations/Utilities/Security - \$90,500; Total O&amp;M - \$369,000

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 - \$10,500; incidental improvements - \$3,000; major project to renovate three bathrooms - \$75,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 11A**

(PN# 74928)

321-A Jackson Ave	2,742	Yes	1892	\$187,000	-	-
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Operations/Utilities/Security - \$70,500; Total O&amp;M - \$257,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$13,500; exterior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 11B**

(PN# 74928)

321-B Jackson Ave	2,951	Yes	1892	\$185,000	-	-
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Operations/Utilities/Security - \$70,500; Total O&amp;M - \$255,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; grounds maintenance - \$10,500; exterior paint - \$20,000; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 12A**

(PN# 74928)

317-A Jackson Ave	2,701	Yes	1892	\$210,500	-	-
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Operations/Utilities/Security - \$80,500; Total O&amp;M - \$291,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior paint \$12,000; exterior paint \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 12B**

(PN# 74928)

317-B Jackson Ave	2,774	Yes	1892	\$208,500	-	-
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Operations/Utilities/Security - \$80,500; Total O&amp;M - \$289,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior painting - \$10,000; exterior painting - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 13A**

(PN# 74928)

313-A Jackson Ave	1,980	Yes	1903	\$210,500	-	-
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Operations/Utilities/Security - \$77,500; Total O&amp;M - \$288,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior painting - \$12,000; exterior paint - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 13B**

(PN# 74928)

313-B Jackson Ave	1,973	Yes	1903	\$210,500	-	-
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Operations/Utilities/Security - \$77,500; Total O&amp;M - \$288,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior painting - \$12,000; exterior painting - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 14A**

(PN# 74928)

309-A Jackson Ave	1,998	Yes	1903	\$183,500	-	-
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Operations/Utilities/Security - \$68,500; Total O&amp;M - \$252,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$10,000; grounds maintenance - \$10,500; exterior painting - \$20,000; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 14B**

(PN# 74928)

309-B Jackson Ave 1,927                      Yes                      1903                      \$190,500                      -                      -

Operations/Utilities/Security - \$77,500; Total O&amp;M - \$268,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$25,000; interior painting - \$12,000; exterior paint \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 15A**

(PN# 59474, 74928)

305-A Jackson Ave 2,535                      Yes                      1908                      \$385,000                      -                      -

Operations/Utilities/Security - \$71,500; Total O&amp;M - \$456,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major repair project to renovate kitchen, three bathrooms and replace hardwood floors in the entertainment area - \$200,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 15B**

(PN# 74928)

305-B Jackson Ave 2,324                      Yes                      1908                      \$185,000                      -                      -

Operations/Utilities/Security - \$71,500; Total O&amp;M - \$256,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 16A**

(PN# 74928)

301-A Jackson Ave 2,463                      Yes                      1908                      \$185,000                      -                      -

Operations/Utilities/Security - \$71,500; Total O&amp;M - \$256,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 16B**

(PN# 74928)

301-B Jackson Ave	2,463	Yes	1908	\$185,000	-	-
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Operations/Utilities/Security - \$71,500; Total O&amp;M - \$256,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$20,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 19A**

(PN# 74928)

213-A Lee Ave	2,108	Yes	1932	\$208,500	-	-
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Operations/Utilities/Security - \$78,500; Total O&amp;M - \$287,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; interior painting - \$15,000; exterior painting - \$15,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 19B**

(PN# 74928)

213-B Lee Ave	1,796	Yes	1932	\$208,500	-	-
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Operations/Utilities/Security - \$78,500; Total O&amp;M - \$287,000

Maintenance and repairs, including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; interior painting - \$15,000; exterior painting - \$15,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 23A**

(PN# 74928)

228-A Lee Ave	2,778	Yes	1896	\$190,000	-	-
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Operations/Utilities/Security - \$72,500; Total O&amp;M - \$262,500

Maintenance and repairs including service calls - \$10,000; routine maintenance - \$11,500; exterior paint - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 24B**

(PN #74928)

224-B Lee Ave	2,682	Yes	1896	\$190,000	-	-
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Operations/Utilities/Security - \$71,500; Total O&amp;M - \$261,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 25B**

(PN #74928)

220-C Lee Ave	2,594	Yes	1896	\$190,000	-	-
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Operations/Utilities/Security - \$71,500; Total O&amp;M - \$261,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs - \$11,500; exterior painting - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 26A**

(PN#74928)

216-A Lee Ave	2,999	Yes	1896	\$229,500	-	-
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Operations/Utilities/Security - \$72,500; Total O&amp;M - \$302,000

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$36,000; interior paint - \$15,000; exterior paint \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; replace doors and windows, exterior porch repair - \$130,000

**Quarters 27A**

(PN#74928)

212-A Lee Ave	3,715	Yes	1903	\$281,000	-	-
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Operations/Utilities/Security - \$76,500; Total O&amp;M - \$357,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy - \$36,500; interior paint - \$16,000; exterior paint - \$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major project, replace doors and windows - \$180,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER 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 27B**

(PN# 74928)

212-B Lee Ave	2,718	Yes	1903	\$242,000	-	-
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Operations/Utilities/Security - \$74,500; Total O&amp;M - \$316,500

Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs \$13,500; exterior paint -\$25,000; grounds maintenance - \$10,500; incidental improvements - \$3,000; major project, replace doors and windows - \$180,000.

**BELGIUM****(0.7737 / 1 \$ budget rate)****NSSG/Chievres****1 Chateau Gendebien**

	10,010	No	1892	\$66,100	-	-
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Operations/Utilities/Security - \$130,300; Total O&amp;M - \$196,400

Maintenance and repairs including service calls - \$21,600; routine maintenance and repairs - \$25,700; interior painting - \$10,500; self-help - \$5,300; incidental improvements - \$3,000

**27 Keizerlaan**

	4,133	No	1950	\$45,700	\$143,900	-
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Operations/Utilities/Security - \$76,300; Total O&amp;M - \$265,900

Maintenance and repairs including service calls - \$7,300; routine maintenance and repairs including change of occupancy maintenance - \$14,900; interior painting - \$13,800; self-help - \$500; grounds maintenance - \$9,200

**38 Chemnin D. Hoogvorst**

PQ007	3,175	No	1930	\$51,600	\$70,500	-
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Operations/Utilities/Security - \$41,700; Total O&amp;M - \$163,800;

Maintenance and repairs including service calls - \$6,400; routine maintenance including change of occupancy - \$23,000; interior painting - \$15,900; self help - \$400; grounds maintenance - \$5,900



DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO. Heidelberg (Continued)	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT& REPAIRS	LEASE	NEW WORK
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**45 San Jacinto Drive**  
(PN 72544)

1,659	No	1956	\$95,000	-	-
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Operations/Utilities/Security - \$29,600; Total O&M - \$124,600

Maintenance and repairs including service calls - \$3,200; routine maintenance and repairs including change of occupancy maintenance - \$15,500; interior painting - \$3,300; self-help - \$700; grounds maintenance - \$800; major project to include replacement of roof- \$71,500

**1 Concord Strasse**  
(PN 72543)

1,659	No	1956	\$94,000	-	-
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Operations/Utilities/Security - \$26,600; Total O&M - \$120,600

Maintenance and repairs including service calls - \$3,100; routine maintenance and repairs including change of occupancy - \$16,100; interior paint - \$3,500; self help - \$700; grounds maintenance - \$600; major project to include replacement of heating system- \$70,000

**Stuttgart**  
**2429 Florida Strasse**  
(PN# 69584)

1,636	No	1957	\$54,300	-	-
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Operations/Utilities/Security - \$25,100; Total O&M - \$79,800

Maintenance and repairs including service calls - \$4,100; routine maintenance and repairs including change of occupancy maintenance - \$6,200; interior painting - \$2,000; self-help - \$500; grounds maintenance - \$600; major repair project to replace entire kitchen and bathrooms - \$40,900

**2433/25 Florida Strasse**  
(PN# 69585)

1,636	No	1957	\$243,500	-	-
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Operations/Utilities/Security - \$34,300; Total O&M - \$277,800

Maintenance and repairs including service calls - \$7,100; routine maintenance and repairs including change of occupancy maintenance - \$12,000; interior painting - \$3,400; self-help - \$500; grounds maintenance - \$500; major repair project to include replacement of the electrical and heating systems - \$220,000

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO. Stuttgart (Continued)	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT& REPAIRS	LEASE	NEW WORK
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**2435 Florida Strasse**

1,636	No	1957	\$39,300	-	-
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Operations/Utilities/Security - \$36,700; Total O&M - \$76,000

Maintenance and repair including service calls - \$6,900; routine maintenance including change of occupancy - \$8,600; interior paint - \$3,400; grounds maintenance - \$500; self help - \$400; major repair project to replace bathrooms - \$19,500

**2437 Florida Strasse**

(PN# 69586)

1,636	No	1957	\$114,600	-	-
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Operations/Utilities/Security - \$21,800; Total O&M - \$136,400

Maintenance and repair including service calls - \$4,100; self help - \$500; major repair project to include replacement of the heating and electrical systems - \$110,000

**2439 Florida Strasse**

1,636	No	1957	\$46,400	-	-
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Operations/Utilities/Security - \$38,100; Total O&M - \$84,500

Maintenance and repair including service calls - \$6,900; routine maintenance including change of occupancy - \$15,000; interior paint - \$4,100; grounds maintenance - \$500; self help - \$400; major repair project to replace bathrooms - \$19,500

**2443 Florida Strasse**

1,636	No	1957	\$45,400	-	-
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Operations/Utilities/Security - \$36,300; Total O&M - \$81,700

Maintenance and repair including service calls - \$6,900; routine maintenance including change of occupancy - \$14,400; interior paint - \$3,700; grounds maintenance - \$500; self help - \$400; major repair project to replace bathrooms - \$19,500

**2445 Florida Strasse**

2,153	No	1957	\$40,000	-	-
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Operations/Utilities/Security - \$38,000; Total O&M - \$78,000;

Maintenance and repair including service calls - \$6,900; routine maintenance including change of occupancy - \$9,000; interior paint - \$3,700; grounds maintenance - \$500; self help - \$400; major repair project to replace kitchen- \$19,500

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
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GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO. Stuttgart (Continued)	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT& REPAIRS	LEASE	NEW WORK
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**2450 Florida Strasse**

2,153	No	1957	\$40,000	-	-
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Operations/Utilities/Security - \$37,600; Total O&M - \$77,600

Maintenance and repair including service calls - \$6,900; routine maintenance including change of occupancy - \$9,000; interior paint - \$3,700; grounds maintenance - \$500; self help - \$400; major repair project to replace bathrooms - \$19,500

**2452 Florida Strasse**

2,153	No	1957	\$40,200	-	-
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Operations/Utilities/Security - \$39,200; Total O&M - \$79,400

Maintenance and repair including service calls - \$6,800; routine maintenance including change of occupancy - \$9,000; interior paint - \$3,700; grounds maintenance - \$500; self help - \$400; major repair project to replace bathrooms - \$19,800

**ITALY**

(.7737/ 1 \$ budget rate)

**Vicenza****150 Villa Michaelis**

2,257	No	1986	\$42,200	-	-
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Operations/Utilities/Security - \$14,200; Total O&M - \$56,400

Maintenance and repair including service calls - \$8,300; routine maintenance including change of occupancy - \$7,700; interior paint - \$3,100; grounds maintenance - \$2,200; self help - \$2,500; and major repair project to replace bathroom - \$18,400

**KOREA**

(1191.5708 / 1 \$ budget rate)

**Yongsan****4421 South Post**

(PN # 69380)	3,066	No	1952	\$37,400	-	-
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Operations/Utilities/Security - \$10,600; Total O&M - \$48,000

Maintenance and repairs including service calls - \$2,700; routine maintenance and repairs - \$7,200 ; exterior painting - \$5,400; self-help - \$300; incidental improvements - \$800; other real property - \$800; major project to upgrade electrical and plumbing - \$20,200

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT& REPAIRS	LEASE	NEW WORK
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**Yongsan (Continued)**

**7047B South Post**

(PN # 69380)

2,070	No	1959	\$37,000	-	-
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Operations/Utilities/Security - \$11,000; Total O&amp;M - \$48,000

Maintenance and repairs including service calls - \$2,200; routine maintenance and repairs including change of occupancy - \$9,400; interior painting - \$4,100; self-help - \$200; incidental improvements - \$800; other real property - \$800; major repair project to upgrade electrical and plumbing - \$19,500

**7060A South Post**

(PN # 69380)

2,070	No	1958	\$37,000	-	-
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Operations/Utilities/Security - \$17,200; Total O&amp;M - \$54,200

Maintenance and repairs including service calls - \$2,200; routine maintenance and repairs including change of occupancy - \$9,400; interior paint - \$4,100; self-help - \$200; incidental improvements - \$800; other real property - \$800; major repair project to upgrade electrical and plumbing - \$19,500

**7060B South Post**

(PN #69380)

2,070	No	1958	\$37,000	-	-
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Operations/Utilities/Security - \$17,200; Total O&amp;M - \$54,200

Maintenance and repairs including service calls - \$2,200; routine maintenance and repairs including change of occupancy - \$9,400; interior paint - \$4,100; self-help - \$200; incidental improvements - \$800; other real property - \$800; major repair project to upgrade electrical and plumbing - \$19,500

**7080 South Post**

(PN #69380)

2,269	No	1958	\$38,500	-	-
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Operations/Utilities/Security - \$17,100 ; Total O&amp;M - \$55,600

Maintenance and repairs including service calls - \$2,200; routine maintenance and repairs including change of occupancy - \$10,300; interior painting - \$4,000; self-help - \$200; incidental improvements - \$800; other real property - \$800; major repair project to upgrade electrical and plumbing - \$20,200

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
GENERAL/FLAG OFFICER QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT& REPAIRS	LEASE	NEW WORK
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**7081 South Post**

(PN #69380)

	2,265	No	1958	\$38,500	-	-
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Operations/Utilities/Security - \$15,500; Total O&amp;M - \$54,000

Maintenance and repairs including service calls - \$2,200 ; routine maintenance and repairs - \$3,100; exterior paint - \$4,600; self-help - \$200; incidental improvements - \$800; other real property - \$800; major repair project to upgrade electrical and plumbing - \$20,200; replace front door - \$6,600

**7084 South Post**

(PN #69380)

	2,406	No	1958	\$37,000	-	-
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Operations/Utilities/Security - \$15,500; Total O&amp;M - \$52,500

Maintenance and repairs including service calls - \$2,200; routine maintenance and repairs - \$5,500 ; self-help - \$200; incidental improvements -\$1,500; other real property - \$800; major repair project to upgrade electrical and plumbing - \$20,200; replace front door - \$6,600

**7085 South Post**

(PN # 69380)

	2,517	No	1958	\$38,200	-	-
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Operations/Utilities/Security - \$18,200; Total O&amp;M - \$56,400

Maintenance and repairs, including service calls - \$2,600; routine maintenance and repairs including change of occupancy - \$9,400; interior painting - \$4,200; self help - \$200; incidental improvements - \$800; other real property - \$800; major repair project to upgrade electrical and plumbing - \$20,200

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Army Family Housing**  
**GENERAL/FLAG OFFICERS QUARTERS (Continued)**  
**Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for FY 2010**

State/Country	Installation_Name	Qtrs#	Year Built	Size NSF	Operations	Maintenance	Repair	Total M&R	Security	Total	Utilities	Leases	Total O&M	
Belgium	NSSG/Chievres	196/PQ09	1928	3,229	13,900	26,200	0	26,200	6,100	46,200	4,600	56,200	107,000	
	NSSG/Chievres	PQ001/001	1892	10,010	38,700	63,100	3,000	66,100	38,800	143,600	52,800	0	196,400	
	NSSG/Chievres	PQ002/002	1967	3,983	20,900	7,300	0	7,300	19,600	47,800	16,900	39,800	104,500	
	NSSG/Chievres	PQ007/007	1930	3,175	20,500	51,600	0	51,600	5,600	77,700	15,600	70,500	163,800	
	NSSG/Chievres	PQ008/008	1950	4,133	22,700	45,700	0	45,700	36,400	104,800	17,200	143,900	285,900	
	NSSG/Chievres	PQ011/011	1953	4,951	25,100	22,900	0	22,900	5,000	53,000	13,900	102,500	169,400	
	NSSG/Chievres	PQ012/012	1956	3,766	22,900	6,300	3,100	9,400	5,500	37,800	15,700	112,900	166,400	
	NSSG/Chievres	PQ13/2177	1965	4,951	34,000	43,500	0	43,500	20,900	98,400	18,800	112,900	230,100	
	NSSG/Chievres	PQ020/020	1965	4,090	28,600	12,200	0	12,200	4,800	45,600	14,100	91,500	151,200	
	NSSG/Chievres	PQ024/024	1963	2,431	20,900	38,400	0	38,400	4,500	63,800	11,800	49,400	125,000	
	NSSG/Chievres	PQ030/030	2002	4,306	19,700	30,800	0	30,800	5,100	55,600	11,200	49,900	116,700	
	NSSG/Chievres	PQ031/031	2002	4,306	21,700	30,800	3,100	33,900	5,100	60,700	11,200	49,900	121,800	
	NSSG/Chievres	PQ032/032	2002	4,306	29,600	27,100	0	27,100	5,100	61,800	16,000	49,900	127,700	
	NSSG/Chievres	PQ033/033	2002	4,306	16,900	30,300	3,100	33,400	5,100	55,400	9,700	47,200	112,300	
	Germany	Garmisch	505	1936	2,583	9,300	8,000	54,000	62,000	0	71,300	10,300	0	81,600
		Heidelberg	4765 Concord	1956	1,659	16,000	21,700	0	21,700	800	38,500	7,000	0	45,500
		Heidelberg	4768 Concord	1956	1,659	18,700	22,100	0	22,100	800	41,600	6,900	0	48,500
		Heidelberg	4770 Concord	1956	1,659	14,900	20,800	0	20,800	800	36,500	6,900	0	43,400
		Heidelberg	3750/26	1963	4,612	23,700	41,500	0	41,500	5,200	70,400	21,900	0	92,300
		Heidelberg	4757/26	1956	2,342	20,700	21,700	0	21,700	700	43,100	7,600	0	50,700
Heidelberg		4758/28	1956	2,342	23,000	21,700	0	21,700	700	45,400	7,600	0	53,000	
Heidelberg		4759/30	1956	2,342	18,900	23,400	0	23,400	700	42,900	7,000	0	49,900	
Heidelberg		4761/4761	1956	1,659	20,800	21,300	0	21,300	800	40,600	6,900	0	47,500	
Heidelberg		4763/2	1956	1,659	18,800	21,000	0	21,000	800	39,500	6,900	0	46,400	
Heidelberg		4764/4	1956	1,659	18,800	19,900	0	19,900	800	38,700	6,900	0	45,600	
Heidelberg		4767/9	1956	1,659	15,900	22,000	0	22,000	800	38,800	6,900	0	45,600	
Heidelberg		4771/1	1956	1,659	19,000	22,500	71,500	94,000	800	113,800	6,800	0	120,600	
Heidelberg		4772/45	1956	1,659	19,400	23,500	71,500	95,000	1,600	116,000	8,600	0	124,600	
Heidelberg		4774/41	1956	1,659	18,900	21,900	0	21,900	800	41,600	7,000	0	48,600	
Heidelberg		4785/32	1956	1,659	18,900	23,200	0	23,200	800	42,900	6,900	0	49,800	
Stuttgart		039/39	1921	1,023	23,900	29,100	0	29,100	6,300	59,300	23,500	0	82,800	
Stuttgart		2429/19	1957	1,636	18,300	13,400	40,900	54,300	900	73,500	6,300	0	79,800	
Stuttgart		2433/25	1957	1,636	27,200	23,500	220,000	243,500	900	271,600	6,200	0	277,800	
Stuttgart		2434/24	1957	1,636	27,400	20,000	0	20,000	800	48,200	7,000	0	55,200	
Stuttgart	2435/27	1957	1,636	28,700	19,800	19,500	39,300	900	68,900	7,100	0	76,000		
Stuttgart	2436/26	1957	1,636	21,400	16,000	0	16,000	900	38,300	7,700	0	46,000		
Stuttgart	2437/29	1957	1,636	14,700	4,600	110,000	114,600	900	130,200	6,200	0	136,400		
Stuttgart	2439/31	1957	1,636	29,500	26,900	19,500	46,400	900	76,800	7,700	0	84,500		
Stuttgart	2441/33	1957	1,636	29,400	20,600	0	20,600	900	50,900	7,400	0	58,300		
Stuttgart	2443/35	1957	1,636	27,100	25,900	19,500	45,400	900	73,400	8,300	0	81,700		
Stuttgart	2445/37	1957	2,153	29,000	20,500	19,500	40,000	900	69,900	8,100	0	78,000		

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Army Family Housing**  
**GENERAL/FLAG OFFICERS QUARTERS (Continued)**  
**Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for FY 2010**

State/Country	Installation_Name	Qtrs#	Year Built	Size NSF	Operations	Maintenance	Repair	Total M&R	Security	Total	Utilities	Leases	Total O&M	
Germany	Stuttgart	2446/ 36	1957	1,636	26,800	20,500	0	20,500	900	48,200	8,500	0	56,700	
	Stuttgart	2447/ 39	1957	2,153	29,200	20,500	0	20,500	900	50,600	9,100	0	59,700	
	Stuttgart	2448/ 38	1957	1,636	29,500	20,500	0	20,500	900	50,900	8,900	0	59,800	
	Stuttgart	2449/ 50	1957	2,885	32,600	28,800	0	28,800	900	62,300	12,400	0	74,700	
	Stuttgart	2450/ 40	1957	2,153	29,400	20,500	19,500	40,000	900	70,300	7,300	0	77,600	
	Stuttgart	2452/ 42	1957	2,153	30,200	20,400	19,800	40,200	900	71,300	8,100	0	79,400	
	Stuttgart	3407/ C4	1957	1,636	23,800	20,900	0	20,900	900	45,600	6,200	0	51,800	
	Stuttgart	3420/ 47	1957	1,636	17,500	12,300	10,700	23,000	900	41,400	5,300	0	46,700	
	Stuttgart	3426/ 16	1957	1,636	26,000	19,800	0	19,800	800	46,300	7,000	0	53,300	
	Stuttgart	3427/ 18	1957	1,636	25,900	19,800	0	19,800	800	46,600	7,700	0	54,300	
	Wiesbaden	PO7238/ A00	1957	2,788	6,400	18,700	0	18,700	800	45,400	7,700	0	53,100	
	Italy	Vicenza	P00150	1986	2,257	7,900	16,800	18,400	42,200	0	49,700	10,800	0	60,500
	Korea	Yongsan	SO070/ 85	1958	2,517	9,400	17,200	21,000	38,200	0	50,100	6,300	0	56,400
		Yongsan	SP004/ 421	1952	3,066	7,100	16,400	21,000	37,400	0	47,600	8,800	0	56,400
		Yongsan	SP004/ 433	1952	4,252	11,000	16,700	800	17,500	0	28,500	3,500	0	48,000
Yongsan		SP070/ 47B	1959	2,070	7,700	16,700	20,300	37,000	0	44,500	8,600	0	53,100	
Yongsan		SP070/ 60A	1958	2,070	8,400	16,700	20,300	37,000	0	44,700	3,300	0	48,000	
Yongsan		SP070/ 60B	1958	2,070	8,400	16,700	20,300	37,000	0	45,400	8,800	0	54,200	
Yongsan		SP070/ 80	1958	2,269	8,300	17,500	21,000	38,500	0	45,400	8,800	0	54,200	
Yongsan		SP070/ 81	1958	2,265	6,700	10,900	27,600	38,500	0	46,800	8,800	0	55,600	
Yongsan		SP070/ 84	1958	2,406	6,700	8,700	28,300	37,000	0	45,200	8,800	0	54,000	
DC		Fort McNair	NPG01/ 001	1903	3,184	34,500	80,500	263,000	343,500	1,000	43,700	8,800	0	52,500
		Fort McNair	NPG02/ 002	1905	3,184	44,500	65,500	233,000	298,500	1,000	379,000	41,600	0	420,600
		Fort McNair	NPG03/ 003	1903	3,184	44,500	38,500	263,000	301,500	1,000	344,000	41,600	0	385,600
		Fort McNair	NPG04/ 004	1903	3,169	34,500	32,000	263,000	295,000	1,000	347,000	41,600	0	388,600
		Fort McNair	NPG05/ 005	1903	2,876	44,500	90,500	263,000	353,500	1,000	330,500	41,600	0	372,100
		Fort McNair	NPG06/ 006	1903	2,834	34,500	32,000	228,000	260,000	1,000	399,000	41,600	0	440,600
	Fort McNair	NPG07/ 007	1903	4,436	34,500	32,000	263,000	295,000	1,000	295,500	41,600	0	337,100	
	Fort McNair	NPG08/ 008	1903	4,057	44,500	65,500	233,000	298,500	1,000	330,500	43,000	0	373,500	
	Fort McNair	NPG09/ 009	1903	4,278	44,500	65,500	233,000	298,500	1,000	344,000	43,000	0	387,000	
	Fort McNair	NPG10/ 010	1903	3,169	34,500	32,000	233,000	265,000	1,000	344,000	41,600	0	385,600	
	Fort McNair	NPG11/ 011	1903	3,169	35,000	32,000	263,000	295,000	1,000	300,500	42,000	0	342,500	
	Fort McNair	NPG12/ 012	1903	3,169	34,500	32,000	263,000	255,000	1,000	331,000	41,000	0	372,000	
	Fort McNair	NPG13/ 013	1903	3,169	34,500	32,000	233,000	255,000	1,000	290,500	42,000	0	332,500	
	Fort McNair	NPG14/ 014	1903	3,169	44,500	65,500	233,000	298,500	1,000	300,500	42,000	0	342,500	
	Fort McNair	NPG15/ 015	1903	3,169	34,500	32,000	233,000	265,000	1,000	344,000	42,000	0	386,000	
FL	Miami/SOUTHCOM	3501/ SCCC	1947	4,857	11,300	25,100	3,000	28,100	9,300	48,700	21,400	54,000	124,100	

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Army Family Housing**

**GENERAL/FLAG OFFICERS QUARTERS (Continued)**

Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for FY 2010

State/Country	Installation_Name	Qtrs#	Year Built	Size NSF	Operations	Maintenance	Repair	Total M&R	Security	Total	Utilities	Leases	Total O&M
GA	Fort McPherson	00005/000	1889	5,077	18,300	27,100	0	27,100	500	45,900	8,100	0	54,000
	Fort McPherson	00015/ E	1904	4,037	10,300	27,200	0	27,200	500	38,000	6,800	0	44,800
	Fort McPherson	00017/ W	1892	3,885	10,300	27,200	0	27,200	500	38,000	6,800	0	44,800
IL	Rock Island Arsenal	004/ 4	1872	4,455	6,400	18,100	50,300	68,400	0	74,800	12,700	0	87,500
	Fort Monroe	101/ B	1906	3,894	18,800	30,100	3,000	33,100	0	51,900	11,200	0	63,100
VA	Fort Monroe	102/ A	1906	3,894	18,800	29,600	3,000	32,600	0	51,400	11,200	0	62,600
	Fort Monroe	119/ 119	1907	8,134	21,000	26,500	1,500	28,000	0	49,000	19,400	0	68,400
	Fort Monroe	124/ A	1909	4,733	16,100	21,000	1,500	22,500	0	38,600	11,200	0	49,800
	Fort Monroe	125/ 125	1909	4,666	17,400	31,300	3,000	34,300	0	51,700	12,300	0	64,000
	Fort Myer	PG001/ 001	1899	8,460	34,500	72,000	400,000	472,000	1,000	507,500	57,500	0	565,000
	Fort Myer	PG002/ 002	1899	3,618	34,500	32,000	283,000	315,000	1,000	350,500	40,000	0	390,500
	Fort Myer	PG005/ 005	1903	3,405	44,500	60,500	203,000	263,500	1,000	309,000	40,000	0	349,000
	Fort Myer	PG006/ 006	1908	7,365	34,500	34,500	608,000	642,000	1,000	677,500	53,000	0	730,500
	Fort Myer	PG007/ 007	1909	4,707	34,500	32,000	318,000	350,000	1,000	385,500	47,000	0	432,500
	Fort Myer	PG008/ 008	1903	4,255	44,500	70,500	208,000	278,500	1,000	324,000	45,000	0	369,000
Fort Myer	PG011/ 11A	1892	2,742	34,500	54,000	133,000	187,000	1,000	222,500	35,000	0	257,500	
Fort Myer	PG011/ 11B	1892	2,951	34,500	52,000	133,000	185,000	1,000	220,500	35,000	0	255,500	
Fort Myer	PG012/ 12A	1892	2,701	44,500	77,500	133,000	210,500	1,000	256,000	35,000	0	291,000	
Fort Myer	PG012/ 12B	1892	2,774	44,500	75,500	133,000	208,500	1,000	254,000	35,000	0	289,000	
Fort Myer	PG013/ 13A	1903	1,980	44,500	77,500	133,000	210,500	1,000	256,000	32,000	0	288,000	
Fort Myer	PG013/ 13B	1903	1,973	44,500	77,500	133,000	210,500	1,000	256,000	32,000	0	288,000	
Fort Myer	PG014/ 14A	1903	1,998	34,500	50,500	133,000	183,500	1,000	219,000	33,000	0	252,000	
Fort Myer	PG014/ 14B	1903	1,927	44,500	57,500	133,000	190,500	1,000	236,000	32,000	0	268,000	
Fort Myer	PG015/ 15A	1908	2,535	34,500	52,000	333,000	385,000	1,000	420,500	36,000	0	456,500	
Fort Myer	PG015/ 15B	1908	2,324	34,500	52,000	133,000	185,000	1,000	220,500	36,000	0	256,500	
Fort Myer	PG016/ 16A	1908	2,463	34,500	52,000	133,000	185,000	1,000	220,500	36,000	0	256,500	
Fort Myer	PG016/ 16B	1908	2,463	34,500	52,000	133,000	185,000	1,000	220,500	36,000	0	256,500	
Fort Myer	PG019/ 19A	1932	2,108	44,500	75,500	133,000	208,500	1,000	254,000	33,000	0	287,000	
Fort Myer	PG019/ 19B	1932	1,796	44,500	75,500	133,000	208,500	1,000	254,000	33,000	0	287,000	
Fort Myer	PG023/ 23A	1896	2,778	34,500	57,000	133,000	190,000	1,000	225,500	37,000	0	262,500	
Fort Myer	PG024/ 24B	1896	2,682	34,500	57,000	133,000	190,000	1,000	225,500	36,000	0	261,500	
Fort Myer	PG025/ 25B	1896	2,594	34,500	57,000	133,000	190,000	1,000	225,500	36,000	0	261,500	
Fort Myer	PG026/ 26A	1896	2,999	34,500	96,500	133,000	229,500	1,000	265,000	37,000	0	302,000	
Fort Myer	PG027/ 27A	1903	3,715	34,500	98,000	183,000	281,000	1,000	316,500	41,000	0	357,500	
Fort Myer	PG027/ 27B	1903	2,718	34,500	59,000	183,000	242,000	1,000	277,500	39,000	0	316,500	
<b>Total Units</b>					<b>3,006,700</b>	<b>4,010,700</b>	<b>9,612,500</b>	<b>13,623,200</b>	<b>287,600</b>	<b>16,917,500</b>	<b>2,368,100</b>	<b>1,030,500</b>	<b>20,316,100</b>

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
**GENERAL/FLAG OFFICERS QUARTERS (Continued)**  
**Operation, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner/Owner**  
**for Fiscal Year 2008**  
**(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 Cost
Hawaii	Fort Shafter	PAL0005	1909	6,940	\$0.1	\$58.1	\$14.3	\$72.5

Notes:  
 (1) Hawaii's Operation costs and total costs do not include utilities. The \$144.00 is based on \$12/month for trash service.  
 (2) Minor, Unscheduled Maintenance Costs.  
 (3) Capital Repair and Recovery Costs.

Exhibit FH-12

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Army Family Housing**  
**6,000 NSF Units for Fiscal Year 2010**  
**(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	\$ 196.40	GFOQ is owned by the Host Nation	N/A	N/A
	Garmisch	835 / 000	1914	6,997	\$ 33.70	GFOQ is owned by the Host Nation	N/A	N/A
Germany	Stuttgart	039/89	1921	11,011	\$ 82.80	GFOQ is owned by the Host ation. Congress directed the Army to retain this symbolic quarters in 2002 (C.R. 107-731)	N/A	N/A
			1891	7,327	\$ 33.00	Fort McPherson is closing in accordance with BRAC 2005	N/A	N/A
Georgia	Fort McPherson	00010 / 000	1891	7,327	\$ 33.00	Fort McPherson is closing in accordance with BRAC 2005	N/A	N/A
			1907	8,134	\$ 68.40	Fort Monroe is closing in accordance with BRAC 2005	N/A	N/A
Virginia	Fort Myer	PG001 / 001	1899	8,460	\$ 565.00	The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 1	N/A	N/A
			1908	7,365	\$ 730.50	The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 1	N/A	N/A
<b>TOTAL:</b>	<b>7 GFOQ Units</b>							

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
UTILITIES ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$ 81,650
FY 2009 Current Estimate	\$113,017
FY 2009 President Budget Request	\$113,017

Utilities requirements are estimated based on historic, per unit expenditures that are adjusted for non-pay and fuel inflation, and changes to foreign currency exchange rates. The FY 2009 to FY 2010 program decrease reflects the continued loss of government owned inventory due to privatization in the U.S. and foreign restationing.

This program provides for utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage.

As required by Executive Order No. 13423, January 24, 2007, an energy consumption reduction goal of three percent per year is reflected in the program. The energy conserving repair and improvement projects completed in prior years will continue in helping to achieve the energy reduction goals.

Non-pay inflation are computed at the OSD prescribed rates.

EFFECT OF PRIVATIZATION

Program decrease to the Utilities account is due to inventory reduction adjustments reflected by the average number of units reduced to include privatization.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

OPERATION ACCOUNT  
UTILITIES  
RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 2009 President Budget Request</b>	<b>113,017</b>
2. <b>FY 2009 Current Estimate</b>	<b>113,017</b>
3. Price Adjustments: Non-Pay Inflation	-559
4. Program Adjustments: Decrease reflects inventory reduction due to privatization and restationing.	-30,808
5. <b>FY 2010 President Budget Request</b>	<b>81,650</b>

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
LEASING ACCOUNT

(\$ in Thousands)

FY 2010 Budget Request	\$205,685
FY 2009 Current Estimate	\$192,849
FY 2009 President's Budget Request	\$192,849

**PURPOSE AND SCOPE**

The 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 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 and affordable housing. 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 continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas, the Army leases housing that the service members cannot ordinarily afford.

Leasing requirements are based on projections as submitted by installations. The requests are validated against historic execution and known programmatic changes, adjusted for pay and non-pay inflation, and changes to foreign currency exchange rates.

**PROGRAM SUMMARY**

Authorization and appropriation are requested for \$205,685 to fund leases and related expenses in FY 2010. A summary of the leasing program follows:

Lease Type	FY 2008 (Actual)		FY2009 (Current Est)		FY2010 (Request)	
	Leases	Cost	Leases	Cost	Leases	Cost
	Supported	\$000	Supported	\$000	Supported	\$000
Domestic	668	14,146	2,017	44,466	1,828	41,105
Section 2835	3,680	33,208	1,080	17,890	1,080	15,867
Foreign less GRHP	6,193	128,884	6,022	130,236	6,113	148,395
GRHP	83	1,673	0	257	15	318
<b>Total</b>	<b>10,624</b>	<b>177,911</b>	<b>9,119</b>	<b>192,849</b>	<b>9,036</b>	<b>205,685</b>

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
LEASING ACCOUNT

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides temporary housing for Army Families pending availability of permanent housing. Moderate decreases in the numbers of domestic leases are expected in FY 2010. This is primarily due to lessened requirements due to market responses at Fort Drum and Fort Wainwright. However, domestic leasing supports Army's authorized strength. It is expected that the number of Independent Duty leases for geographically dispersed Soldiers and Army Families from the U.S. Army Recruiting Command, Cadet Command, and the Active Component/Reserve Component programs will remain constant during FY 2010.

Section 2835: Starting in 1987, the Army leased a total of 4,080 Family housing units from private sector developers for 20-year leases at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be constructed (formerly known as Section 801 housing). This program reduced domestic Family housing deficits at installations where Army Families were most seriously affected by housing shortages. There will be 1,080 of these leases remaining in effect at the end of FY 2009 and funds are requested to continue payment of lease costs and operation and maintenance expenses for these during FY 2010. The FY 2010 budget request also reflects a reduction due to expirations of an additional 150 Section 2835 Leases at Fort Wainwright early in FY 2010. Another 300 of these leases at Fort Drum will expire at the very end of FY 2010.

Foreign Leasing: The FY 2010 foreign leasing program request consists of 6,128 leased units, the majority of which are in Germany. This represents a slight increase in the number of leased housing units in Europe in FY 2010 due to extended stationing of Army personnel in Europe. The number of housing units leased in Korea is expected to be fairly stable as the consolidation of forces in Korea under the Yongsan Relocation Program (YRP) will not significantly impact leasing implementation during FY 2010.

PROGRAM ADJUSTMENTS

As in FY 2009, offsetting fluctuations between the domestic and foreign leasing programs will result in total requirements in numbers of units leased being relatively constant in FY 2010. The overall budget increase is due to increasing/extended requirements in Europe and the continuing weakness of the dollar against the Euro.

EFFECT OF PRIVATIZATION

The housing privatization program has no direct effect on the leasing account because current plans do not include leases in any privatization project. However, it is expected that, all things being equal, the increase in housing stocks resulting from privatization project completions will lessen the need for leased Army Family housing.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
LEASING ACCOUNT  
RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 2009 President Budget Request</b>	<b>192,849</b>
2. <b>FY 2009 Current Estimate</b>	<b>192,849</b>
3. Price Adjustment: Non-Pay Inflation	-3,128
4. Program Adjustment:	15,964
a. Increase in Foreign leases	20,410
b. Decrease of domestic leases	-4,446
5. <b>FY 2010 President Budget Request</b>	<b>205,685</b>







DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 LEASING ACCOUNT, FH-4 DISPLAY (Continued)

FOREIGN LEASING continued	FY 2008 (Actual)		FY 2009 (Current Est)		FY 2010 (Request)	
	Units Supported	Lease Months (\$000)	Units Supported	Lease Months (\$000)	Units Supported	Lease Months (\$000)
Senegal	3	36	2	24	2	24
Serbia and Montenegro	1	12	0	0	0	0
Slovakia	1	12	1	12	1	12
Slovenia	1	12	1	12	1	12
South Africa	1	12	1	12	1	12
Suriname	1	12	2	24	2	24
Tunisia	4	48	4	48	4	48
Turkey	11	132	11	132	10	120
Ukraine	0	0	1	12	1	12
Zimbabwe	1	12	0	0	0	0
<b>Total Other Foreign</b>	<b>222</b>	<b>2,664</b>	<b>230</b>	<b>2,760</b>	<b>202</b>	<b>2,424</b>
<b>Total Foreign Leasing</b>	<b>6,276</b>	<b>75,312</b>	<b>6,022</b>	<b>72,264</b>	<b>6,128</b>	<b>73,536</b>
<b>TOTAL LEASING</b>	<b>10,624</b>	<b>107,988</b>	<b>9,119</b>	<b>109,428</b>	<b>9,036</b>	<b>106,782</b>
		<b>177,911</b>		<b>192,849</b>		<b>205,685</b>
		<b>130,557</b>		<b>130,493</b>		<b>148,713</b>
		<b>8,402</b>		<b>9,035</b>		<b>8,077</b>

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 LEASING ACCOUNT (Continued)  
 FY 2010 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 2010 BUDGET RATE</u>	<u>FY 2010 EST THRESHOLD</u>
Belgium	328	14	Franc	42.77	0.7737 (Euro)	\$62,100
Netherlands	120	3	Guilder	2.33	0.7737 (Euro)	\$61,928

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

\$20K CPI Est.		Permanent Belgium Franc to Euro Conversion Rate	FY 2010 Euro Budget Rate	FY 2010 High Cost Threshold
<u>FY 2010</u>	<u>FY 1988 Rate</u>	<u>Euro Conversion Rate</u>	<u>Budget Rate</u>	<u>Threshold</u>
\$45,317	x 42.77	÷ 40.3399	= 0.7737	\$62,100

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.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)

FY 2010 Budget Estimate	\$31,789
FY 2009 Current Estimate	\$32,034
FY 2009 President Budget Request	\$32,034

### MHPI Background

The Department of Army continues to employ authorities of the Military Housing Privatization Initiatives (MHPI) 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 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 selects 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 developer negotiate a comprehensive Community Development and Management Plan (CDMP). The CDMP includes the development scope and schedule, management and operations plan, and financing plan. Following Congressional approval of the CDMP, the Army and the developer execute final business agreements defining the partnership. The agreements include a ground lease of the Family housing footprint, conveyance of housing units and other facilities to the developer, and an operating agreement 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.

The RCI program will provide an economical and timely means to support Family housing at locations where needed to support authorized Army strength. The Army expects the local economy to continue to respond to meet the housing needs of most Families.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimate  
Army Family Housing  
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (continued)

RCI Program Status

By the end of FY 2010, the Army will transition Fort Richardson, AK, to privatized operations. This will increase the privatized inventory to a projected end state of close to 88,000 homes, 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 \$12.9 billion, of which the Army will have invested \$2.0 billion. The initial development, which varies from 3 to 14 years, is the timeframe in which all inadequate homes in a project will be renovated or replaced, and construction of additional units is completed.

Construction Funds for MHPI

The Army Family Housing Construction (AFHC) budget request for FY 2010 includes \$219.3 million for government investment in new, renovated and expanded Family housing privatization projects at below eight installations with 2,083 homes.

Fort Richardson, AK	\$ 46.0 million
Fort Wainwright, AK	\$ 52.0 million
Fort Irwin, CA	\$ 30.0 million
Fort Knox, KY	\$ 26.7 million
Fort Knox, KY	\$ 14.0 million
Fort Bragg, NC	\$ 5.4 million
Fort Eustis, VA	\$ 6.5 million
Fort Polk, LA	\$ 18.4 million
Fort Sill, OK	\$ 20.3 million

Explanation of Budget Request

The Army Family Housing Operations (AFHO) budget request for FY 2010 includes \$31.789 million for RCI program management and operations. Funding will support civilian pay, travel, and contracts for environmental and real estate surveys, training, and real estate and financial consultant services.

The budget request is based on cost factors associated with staffing and workload projections. Workload is driven by the number of projects in the transition phase, and post-privatization portfolio management. The applied cost factors for work elements of each phase are based on experience and/or established fees.

With FY10 request, Army will privatize 1,242 homes, at Fort Richardson, and fund direct investment for private sector to construct 636 new homes and to replace 205 privatized homes.

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

The table below summarizes FY 2010 RCI program costs (\$ thousands).

Program/Project Management and Oversight	\$15,047
Environmental/Real Estate/Training (U.S. Army Corps of Engineers Services)	\$ 4,979
Real Estate and Finance Advisory Services	\$ 1,725
Portfolio Management Advisory Support	<u>\$ 10,038</u>
 Total	 \$31,789

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimates  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)  
 RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	\$ In Thousands
1. <b>FY 2009 President Budget Request</b>	<b>32,034</b>
2. <b>FY 2009 Current Estimate</b>	<b>32,034</b>
3. Price Adjustments:	-1,024
a. Civilian-Pay Inflation	-432
b. Non-Pay Inflation	-391
c. Joint Basing transfer	-201
4. Program Adjustment: Increase in privatized inventory	779
5. <b>FY 2010 President Budget Request</b>	<b>31,789</b>

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimate  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Privatization Project Awards \*

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**	Replace	Add
	Transfer Ops								
Ft Carson, CO	Award		Loan Guarantee	\$10.131	50	1,823	Yr 1-5	Yr 1-5	1,237
	Sep-99						1,823	8	
	Transfer						Yr 6-50	Yr 6-50	
	Nov-99						1,237	1,823	
Ft Hood, TX	Award		Direct Investment	\$52.000	50	5,622	Yr 1-5	Yr 1-5	290
	Jun-00						1624	684	
	Transfer						Yr 6-50	Yr 6-50	
	Oct-01						7277	1895	
Ft Lewis / McChord AFB, WA (McChord, in Oct 08)	Award		None	\$16.200	50	4,615	Yr 1-14	Yr 1-14	0
	Aug-00						3,027	1,199	
	Transfer						Yr 15-50	Yr 15-50	
	Apr-02						1,524	2,573	
Ft Meade, MD	Award		None	\$0	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		Direct Investment	\$49.437	50	5,373	Yr 1-10	Yr 1-10	832
	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) 2010 Budget Estimate  
 Army Family Housing  
**MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)**  
 Privatization Project Awards (Continued)

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**	Replace	Add
	Transfer Ops								
Presidio of Monterey / Navy Postgraduate School, CA	Award Jul-02		None	\$0	50	2,268	Yr 1-10	Yr 1-10	0
	Transfer Oct-03						328	1,028	
Ft Stewart / Hunter Army Airfield, GA	Award Dec-02		Direct Investment	\$37.374	50	2,926	Yr 11-50	Yr 1-8	776
	Transfer Nov-03						1,441	1,443	
Ft Campbell, KY	Award Aug-02		Direct Investment	\$88.105	50	4,230	Yr 1-7	Yr 1-7	222
	Transfer Dec-03						1,013	1,011	
Ft Belvoir, VA	Award Sep-02		None	\$0	50	2,070	Yr 8-50	Yr 8-50	0
	Transfer Dec-03						3,684	1,741	
Ft Irwin / Moffett Fed Airfield / Parks RFTA, CA	Award Sep-02		Direct Investment	\$26.660	50	2,290	Yr 1-8	Yr 1-8	516
	Transfer Mar-04						170	1,630	
							9	494	
							Yr 9-50	Yr 9-50	
							170	1,900	
							3,843	1,535	

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimate  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)  
 Privatization Project Awards (Continued)

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**	Replace		Add
	Transfer Ops							Yr 1-5	Yr 6-50	
Ft Hamilton, NY	Award		Direct Investment	\$2.175	50	293	43	Yr 1-5	185	0
	Apr-03							Yr 6-50	0	
Ft Detrick, MD / Walter Reed Army Med Ctr, DC	Transfer		Direct Investment	\$1.285	50	410	15	Yr 1-5	220	187
	Jul-03							Yr 6-50	151	
Ft Polk, LA	Award		Direct Investment	\$53.650	50	3,466	2,303	Yr 1-10	382	195
	Apr-03							Yr 11-50	781	
Ft Shafter / Schofield Barracks, HI	Transfer		Loan Guarantee	\$10.350	50	8,132	0	Yr 1-10	5,388	0
	Aug-03							Yr 11-50	8,666	
Ft Eustis / Ft Story, VA	Award		Direct Investment	\$14.800	50	1,115	473	Yr 1-6	642	9
	Jan-03							Yr 7-50	1,944	
	Transfer									
	Dec-04									

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimate  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)  
 Privatization Project Awards (Continued)

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**		Replace		Add
	Transfer Ops						Yr 1-9		Yr 1-9		
Ft Leonard Wood, MO	Award		Direct 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		Direct 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		Direct 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		Direct Investment	\$72.960	50	3,315	Yr 1-6		Yr 1-6		93
	May-04						677		1,288		
	Transfer						Yr 7-50		Yr 7-50		
	Jul-05						3,565		2,279		
Ft Benning, GA	Award		Direct 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) 2010 Budget Estimate  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)  
 Privatization Project Awards (Continued)

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**		Replace	Add
	Transfer Ops	Award					Yr 1-9	Yr 1-9		
Ft Leavenworth, KS	Award		Direct Investment	\$15.000	50	1,578	Yr 1-9	Yr 1-9	703	5
	Dec-04						447	10-50		
	Transfer							Yr 10-50		
	Mar-06						1,271	444		
Ft Rucker, AL	Award		Direct Investment	\$24.000	50	1,512	Yr 1-8	Yr 1-8	946	0
	Dec-04						0	9-50		
	Transfer						Yr 9-50	Yr 9-50		
	Apr-06						547	309		
Ft Gordon, GA	Award		Direct Investment	\$9.000	50	876	Yr 1-6	Yr 1-6	299	11
	Apr-05						577	7-50		
	Transfer						Yr 7-50	Yr 7-50		
	May-06						495	570		
Carlisle Barracks, PA / Picatinny Arsenal, NJ	Award		Direct Investment	\$39.430	50	429	Yr 1-5	Yr 1-5	180	0
	Apr-04						78	6-50		
	Transfer						Yr 6-50	Yr 6-50		
	May-06						46	46		
Ft Riley, KS	Award		Direct Investment	\$123.000	50	3,114	Yr 1-10	Yr 1-10	1,717	400
	May-05						860	11-50		
	Transfer						Yr 11-50	Yr 11-50		
	Jul-06						2,685	1,145		

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimate  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**	Replace	Add
	Award	Transfer Ops							
Redstone Arsenal, AL	Award		Direct 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		Direct Investment	\$31.000	50	2,998	Yr 1-8	Yr 1-8	0
	Sep-05						1,042	850	
	Transfer						Yr 9-50	Yr 9-50	
	Dec-06						1,879	1,802	
Ft Lee, VA	Award		Direct 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		Direct 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						1179	377	
Ft Jackson, SC	Award		Direct 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	Award		Direct Investment	\$30.500	50	1,411	Yr 1-7	Yr 1-7	239
	Sep-07						810	193	
	Transfer						Yr 8-50	Yr 8-50	
	Nov-08						1,172	478	

DEPARTMENT OF ARMY  
 Fiscal Year (FY) 2010 Budget Estimate  
 Army Family Housing  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Installation	Contract Award		Type of Financing	\$ M	Term Years	Units Conveyed	Renovate**		Add
	Transfer Ops						Yr 1-6	Replace	
Ft. Wainwright/Ft Greely, AK	Award		Direct Investment	\$91.200	50	1,754	Yr 1-6	Yr 1-6	
	Jan 08						321	650	
	Transfer						Yr 7-50	Yr 7-50	
	Apr 09						3,667	288	
Ft. Huachuca/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	

\* This table does not include planned projects and expansions of existing projects not awarded as of May 5, 2009. See planned expansions in Exhibit FH-6.

\*\* 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.

\*\*\* Ft. Sill and Ft. Wainwright/Ft. Greely projects operational transfer only, renovation and replace numbers may change at financial closing.

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimate  
Army Family Housing

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimate  
Army Family Housing  
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

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	5,378	\$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/Hunter AAF	2,926	3,702	\$37.374	FY02	Improve	2,4
Dec-03	Ft Campbell	4,235	4,257	\$7.900	FY98	Improve	2,4
Dec-03	Ft Belvoir	2,070	2,070	\$0.000	FY02	Construct	2,4
Mar-04	Ft Irwin/Moffett/Parks	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(236)/Ft Detrick(354)	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/Story	1,115	1,124	\$14.800	FY03	Improve	2,4
Mar-05	Ft Leonard Wood	2,496	2,242	\$27.150	FY03	Improve	2,4
Mar-05	Ft Sam Houston	925	925	\$1.850	FY05	Improve	2,4
May-05	Ft Drum	2,272	3,115	\$6.600	FY04	Improve	2,4
Jul-05	Ft Bliss/White Sands Missile Range	3,315	3,285	\$52.000	FY04	Improve	2,4
Apr-06	Ft Bliss/White Sands Missile Range		123	\$31.000	FY05	Construct	2,4
Jan-06	Ft Benning	3,945	4,200	\$3.960	FY06	Construct	2,4
Mar-06	Ft Leavenworth	1,578	1,583	\$55.150	FY05	Improve	2,4
Apr-06	Ft Rucker	1,512	1,476	\$15.000	FY05	Improve	2,4
May-06	Ft Gordon	876	887	\$24.000	FY05	Improve	2,4
May-06	Carlisle Bks(277)/Picatinny Arsnl(71)	429	348	\$9.000	FY05	Improve	2,4
Jul-06	Ft Riley	3,114	3,514	\$0.494	FY02	Improve	2,4
Sep-06	Ft Campbell Phase II			\$22.000	FY04	Improve	2,4
Oct-06	Redstone Arsenal	453	200	\$5.940	FY06	Construct	2,4
Nov-06	Ft Carson Phase II	2,998	2,527	\$11.000	FY06	Improve	2,4
Dec-06	Ft Knox		396	\$56.000	FY05	Construct	2,4
Jan-07	Ft Meade Restructure		230	\$67.000	FY06	Improve	2,4
Apr-07	Ft Irwin Phase II Restructure (project cost increase, no net unit change)		0	\$28.000	FY06	Construct	2,4
Sep-07	Ft Lee	1,206	1,493	\$0.590	FY05	Improve	2,4
				\$0.000	N/A	Construct	4
				\$31.000	FY05	Improve	2,4
				\$0.000	N/A	N/A	4
				\$26.660	FY06	Improve	2,4
				\$19.305	FY06	Construct	2,4
				\$13.464	FY06	Improve	2,4

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Privatization Date	Installation/State	# Units Conveyed	End State # Units	Amount (\$M)	Funding		Type	Authorities** (See key below)
					Budget Year(s)			
Dec-07	Ft Bragg/Pope AFB (BRAC)	627	627	\$0.000	N/A		BRAC	4
Jun-08	Ft Leonard Wood Restructure		-436	\$0.000	N/A		N/A	4
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 - MCCChord	978	608	\$16.200	FY08		Improve	2,4
Jan-09	Presidio of Monterey Restructure		-644	\$0.000	N/A		N/A	4
Apr-09	Ft Wainwright	1,628	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 (1,394)/Yuma Proving Ground (205)	1,570	1,169	\$0.000	N/A		Improve	4
Aug-09	Ft Bliss Phase II		51	\$12.600	FY07		Construct	2,4
	Ft Bliss Deficit Construction		144	\$35.600	FY08			
Aug-09	Aberdeen Proving Ground	1,006	372	\$0.000	N/A		Improve	4
Sep-09	Ft Irwin Phase III (AMF)		94	\$31.000	FY07		Improve	2,4
Oct-09	Ft Bragg Deficit Construction		256	\$44.400	FY08		Construct	2,4
Nov-09	Ft Lewis Deficit Construction		378	\$72.700	FY08		Construct	2,4
Dec-09	Ft Carson Deficit Construction		368	\$98.300	FY08		Construct	2,4
Dec-09	Ft Carson Deficit Construction		385	\$103.000	FY 09		Construct	2,4
Feb-10	Ft Stewart Deficit Construction		523	\$103.800	FY09		Construct	2,4
Mar-10	Ft Bragg BRAC 2005		11	\$5.400	FY10		Construct	2
Mar-10	Ft Eustis/Story BRAC 2005		8	\$6.500	FY10		Construct	2
Apr-10	Ft Wainwright Phase III		176	\$52.000	FY10		Improve	2,4
Apr-10	Ft Knox Deficit Construction		129	\$14.000	FY10		Construct	2
Jun-10	Ft Bliss Deficit Construction		513	\$127.000	FY 09		Construct	2,4
Aug-10	Ft Irwin Phase IV		90	\$30.000	FY10		Improve	2,4
Sep-10	Ft Knox Phase II (205 Replacements Units)		0	\$26.700	FY10		Improve	2
Sep-10	Ft Sill Deficit Construction	1,242	78	\$20.300	FY10		Construct	2
Sep-10	Ft Richardson		1,242	\$46.000	FY10		Improve	2,4
Nov-10	Ft Polk Deficit Construction		144	\$18.400	FY10		Construct	2
		81,725	87,663	\$1,977.970				

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

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing  
REIMBURSABLE PROGRAM

(\$ in Thousands)

FY 2010 Budget Request	\$18,000
FY 2009 Current Estimate	\$18,000
FY 2009 President 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 2009 (Budget Request)	FY 2010 (Budget Estimate)
Non-Federal Sources	14,467	14,467
Federal Sources	3,533	3,533

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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# ***DEPARTMENT OF ARMY***

***Fiscal Year (FY) 2010 Budget Estimates***

**Homeowners Assistance Fund, Defense**

**Justification Data Submitted to Congress  
May 2009**

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Homeowners Assistance Fund, Defense  
SUMMARY

(In Thousands)  
FY 2010 Program/Appropriation \$41,977/23,225  
FY 2009 Program/Appropriation \$15,896/ 4,500

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.

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 2010 budget requests authorization of appropriations and appropriations in the amount of \$23,225,000 to fund Homeowners Assistance Fund program expenses. Total program estimate for FY 2010 is \$41,977,799 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 FY2010 HAP financial condition requires a budget request of \$23,225,000 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 FY2010 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.

May 2009

AUTHORIZATION AND  
APPROPRIATION LANGUAGE  
HOMEOWNERS ASSISTANCE FUND, DEFENSE  
FY 2010

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), [\$4,500,000] \$23,225,000 to become available on October 1, 2009 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) 2010 Budget Estimates**  
**Homeowners Assistance Fund, Defense**

(\$in Thousands)

The chart below is a summary of the funding for the FY2008, FY2009 and FY2010

**PROGRAM FINANCIAL SUMMARY**

	Actual FY 2008	Budget Request FY 2009	Budget Estimate FY 2010
<b>HOMEOWNERS ASSISTANCE FUND, DEFENSE</b>			
<b>PROGRAM RESOURCES</b>			
New Appropriation/TOA Requested	0	4,500	23,225
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	0	0	0
Total Budget Authority Requested	0	4,500	23,225
<b>REIMBURSABLE RESOURCES</b>			
Reimbursable Authority	0	0	0
<b>OTHER PROGRAM RESOURCES</b>			
Prior FY Unoblig Bal Brought FWD	8,016	4,317	0
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property	0	7,079	27,051
Recovery of Prior Year Balances	66	0	0
<b>TOTAL PROGRAM RESOURCES</b>	<b>8,082</b>	<b>15,896</b>	<b>50,276</b>
<b>PLANNED PROGRAM EXECUTION</b>			
Payments to Homeowners	446	6,211	5,294
Other Operating Cost	1,859	2,115	5,486
Acquisition of Real Property	1,460	7,570	31,197
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
<b>TOTAL PLANNED PROGRAM EXPENSE</b>	<b>3,765</b>	<b>15,896</b>	<b>41,977</b>
<b>ANTICIPATED EOY UNOBLIGATED :</b>			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	4,317	0	8,299

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 WORKLOAD AND OBLIGATION DATA  
 FY 2010

	Budget Actual - FY 2008		Budget Request - FY 2009		Budget Estimate - FY 2010	
	Units	Dollars (000)	Units	Dollars (000)	Units	Dollars (000)
		AVG (\$)		AVG (\$)		AVG (\$)
<b>1. INVESTMENT</b>						
a. Equity Payments	1	65	0	0	0	0
b. Liquidation of Mortgages						
(1) 1st Mortgage	11	1,261	48	7,070	172	30,977
(2) 2nd Mortgage	10	100	50	500	22	220
(3) Other Liens	3	34	0	0	0	0
c. Total: Payments	25	1,460	98	7,570	194	31,197
d. Mortgages Assumed	0	0	0	0	0	0
e. Total Investment	1,460		7,570		31,197	
<b>2. EXPENSE</b>						
a. Payments - Private Sales	53	416	279	4,575	259	4,347
b. Payments - Real Property	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	2	20	2	40
d. Payments - Reimbursements/Refunds	6	30	301	1,616	213	908
e. Subtotal - Payments to Homeowners	59	446	582	6,211	474	5,295
f. Appraisals	61	37	453	272	386	225
g. Administrative Expense		1,785		1,107		2,402
h. Total Expense - Acquisition	2,268		7,590		7,922	
<b>3. EXPENSE - MANAGEMENT &amp; DISPOSAL</b>						
a. Appraisals	0	0	5	2	10	3
b. Interest/Taxes/Insurance	2	1	51	25	83	41
c. Sales Expense	0	0	48	251	183	1,179
d. Maintenance & Operating Expense	3	1	176	216	288	502
e. Administrative Expense		35		242		1,133
f. Total Expense Management & Disposal	37		736		2,858	
<b>4. TOTAL EXPENSE</b>		2,305		8,326		10,780
<b>5. TOTAL PROGRAM - INVESTMENT AND EXPENSE</b>		3,765		15,896		41,977

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
WORKLOAD AND OBLIGATION DATA  
FY 2010

BRAC PROGRAMS

	Budget Actual - FY 2008		Budget Request - FY 2009		Budget Estimate - FY 2010	
	Units	Dollars (000)	Units	Dollars (000)	Units	Dollars (000)
<b>1. INVESTMENT</b>						
a. Equity Payments	1	65	0	0	0	0
b. Liquidation of Mortgages						
(1) 1st Mortgage	11	1,261	48	7,070	172	30,977
(2) 2nd Mortgage	10	100	50	500	22	220
(3) Other Liens	3	34	0	0	0	0
c. Total: Payments	25	1,460	98	7,570	194	31,197
d. Mortgages Assumed	0	0	0	0	0	0
e. Total Investment		1,460		7,570		31,197
<b>2. EXPENSE</b>						
a. Payments - Private Sales	53	416	253	3,275	238	3,297
b. Payments - Real Property	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	2	20	2	40
d. Payments - Reimbursements/Refunds	6	30	301	1,616	213	908
e. Subtotal - Payments to Homeowners	59	446	556	4,911	453	4,245
f. Appraisals	61	37	427	246	361	200
g. Administrative Expense		1,758		1,010		2,314
h. Total Expense - Acquisition		2,241		6,167		6,759
<b>3. EXPENSE - MANAGEMENT &amp; DISPOSAL</b>						
a. Appraisals	0	0	5	2	10	3
b. Interest/Taxes/Insurance	2	1	51	25	83	41
c. Sales Expense	0	0	48	251	183	1,179
d. Maintenance & Operating Expense	3	1	176	216	288	502
e. Administrative Expense		35		242		1,133
f. Total Expense Management & Disposal		37		736		2,858
<b>4. TOTAL EXPENSE</b>		2,278		6,903		9,617
<b>5. TOTAL PROGRAM - INVESTMENT AND EXPENSE</b>		3,738		14,473		40,814

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 WORKLOAD AND OBLIGATION DATA  
 FY 2010

	Budget Actual - FY 2008		NON-BRAC PROGRAMS		Budget Estimate - FY 2010	
	Units	Dollars (000)	Units	Dollars (000)	Units	Dollars (000)
<b>1. INVESTMENT</b>						
a. Equity Payments	0	0	0	0	0	0
b. Liquidation of Mortgages						
(1) 1st Mortgage	0	0	0	0	0	0
(2) 2nd Mortgage	0	0	0	0	0	0
(3) Other Liens	0	0	0	0	0	0
c. Total: Payments	0	0	0	0	0	0
d. Mortgages Assumed	0	0	0	0	0	0
e. Total Investment	0	0	0	0	0	0
<b>2. EXPENSE</b>						
a. Payments - Private Sales	0	0	26	1,300	21	1,050
b. Payments - Real Property	0	0	0	0	0	50,000
c. Payments - Foreclosures	0	0	0	0	0	0
d. Payments - Reimbursements/Refunds	0	0	0	0	0	0
e. Subtotal - Payments to Homeowners	0	0	26	1,300	21	1,050
f. Appraisals	0	0	26	26	25	50,000
g. Administrative Expense	27	27	97	97	88	1,000
h. Total Expense - Acquisition	27	27	1,423	1,423	1,163	1,163
<b>3. EXPENSE - MANAGEMENT &amp; DISPOSAL</b>						
a. Appraisals	0	0	0	0	0	0
b. Interest/Taxes/Insurance	0	0	0	0	0	0
c. Sales Expense	0	0	0	0	0	0
d. Maintenance & Operating Expense	0	0	0	0	0	0
e. Administrative Expense	0	0	0	0	0	0
f. Total Expense Management & Disposal	0	0	0	0	0	0
<b>4. TOTAL EXPENSE</b>	27	27	1,423	1,423	1,163	1,163
<b>5. TOTAL PROGRAM - INVESTMENT AND EXPENSE</b>	27	27	1,423	1,423	1,163	1,163

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 STATUS OF ACCOUNTS - PART I  
 FY 2008 Actual

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
<b>1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS</b>			
<b>a. RESOURCES</b>			
(1) Unobligated Balance Start of Year	8,016	0	8,016
(2) Appropriations	0	0	0
(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)	0	0	0
(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	66	0	66
(8) Total	8,082	0	8,082
<b>b. APPLICATIONS</b>			
(1) Payments on Acquisitions of Properties	446	0	446
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	3,319	0	3,319
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	3,765	0	3,765
<b>c. UNOBLIGATED BALANCE - END OF PERIOD</b>	4,317	0	4,317

STATUS OF ACCOUNTS - PART II  
 FY 2008 Actual

ITEM	TOTAL (\$000)
1. PROPERTY ACCOUNT	
a. ON HAND, START OF YEAR	0
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES	1,460
c. VALUE OF MORTGAGES PAYABLE ASSUMED	0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD	0
e. ON HAND, END OF YEAR	1,460
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	1,460
4. RECAPITULATION FOR PROPERTIES SOLD*	
a. SALES PRICE	0
b. LESS:	
(1) Acquisition Price	0
(2) M&D Expense	37
c. NET GAIN OR (LOSS)	(37)

Total  
 0  
 0  
 37  
 (37)

Avg (\$)  
 0  
 0  
 0  
 0

\*Excludes Acquisition Administrative Expense

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 STATUS OF ACCOUNTS - PART I  
 FY 2009

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
<b>1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS</b>			
<b>a. RESOURCES</b>			
(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)	7,079	0	7,079
(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	15,896	0	15,896
<b>b. APPLICATIONS</b>			
(1) Payments on Acquisitions of Properties	6,211	0	6,211
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	9,685	0	9,685
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	15,896	0	15,896
<b>c. UNOBLIGATED BALANCE - END OF PERIOD</b>			
	0	0	0

STATUS OF ACCOUNTS - PART II  
 FY 2009

ITEM	TOTAL (\$000)
1. PROPERTY ACCOUNT	
a. ON HAND, START OF YEAR	1,460
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES	7,570
c. VALUE OF MORTGAGES PAYABLE ASSUMED	0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD	7,079
e. ON HAND, END OF YEAR	1,951
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	1,951
4. RECAPITULATION FOR PROPERTIES SOLD*	
a. SALES PRICE	7,079
b. LESS:	
(1) Acquisition Price	765
(2) M&D Expense	74
c. NET GAIN OR (LOSS)	(124)

\*Excludes Acquisition Administrative Expense

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Homeowners Assistance Fund, Defense**

(\$in Thousands)

**STATUS OF ACCOUNTS - PART I**  
**FY 2010**

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
<b>1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS</b>			
<b>a. RESOURCES</b>			
(1) Unobligated Balance Start of Year	0	0	0
(2) Appropriations	23,225	0	23,225
(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	50,276	0	50,276
<b>b. APPLICATIONS</b>			
(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
<b>c. UNOBLIGATED BALANCE - END OF PERIOD</b>	8,299	0	8,299

EXHIBIT HA-2

STATUS OF ACCOUNTS - PART II  
 FY 2010

ITEM	TOTAL (\$000)
1. PROPERTY ACCOUNT	
a. ON HAND, START OF YEAR	1,951
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	6,097
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	6,097
4. RECAPITULATION FOR PROPERTIES SOLD*	
a. SALES PRICE	Total 27,051
b. LESS:	
(1) Acquisition Price	33,148
(2) M&D Expense	2,858
c. NET GAIN OR (LOSS)	(8,955)
	Avg (\$) 4,950
	6,066
	523
	(1,639)

\*Excludes Acquisition Administrative Expense

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 WORK UNIT DATA  
 FY 2008 Actual

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
<b>1. APPLICATIONS FOR ASSISTANCE</b>				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	48	17	0	65
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	10	1	0	11
(3) Homes Acquired - no mortgage	0	1	0	1
(4) Reimbursement for losses on private sales	38	15	0	53
(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)	0	0	0	0
d. ON HAND - END OF PERIOD	0	0	0	0
<b>2. ACQUIRED HOMES</b>				
a. ON HAND - START OF YEAR				0
b. ACQUIRED				12
c. DISPOSED OF				0
d. ON HAND - END OF PERIOD				12
<b>3. MORTGAGES PAYABLE</b>				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
<b>4. OTHER DATA</b>				
a. SECOND MORTGAGES LIQUIDATED				10
b. APPRAISALS MADE				61
c. APPEALS PROCESSED:				
(1) Approved				1
(2) Disapproved				1
(3) Pending				1

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 WORK UNIT DATA  
 FY 2009

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	241	106	0	347
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	22	2	0	24
(2) Homes Acquired - at 75%	18	6	0	24
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	189	90	0	279
(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	0	1	0	1
(8) Other (Not Eligible or Application Withdrawn)	2	4	0	6
d. ON HAND - END OF PERIOD	8	3	0	11
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				12
b. ACQUIRED				48
c. DISPOSED OF				48
d. ON HAND - END OF PERIOD				12
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				50
b. APPRAISALS MADE				458
c. APPEALS PROCESSED:				
(1) Approved				1
(2) Disapproved				1
(3) Pending				1

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
 WORK UNIT DATA  
 FY 2010

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
<b>1. APPLICATIONS FOR ASSISTANCE</b>				
a. ON HAND - START OF YEAR	8	3	0	11
b. RECEIVED	320	130	0	450
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	122	50	0	172
(2) Homes Acquired - at 75%	0	0	0	0
(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	1	1	0	2
(7) Settlements - no payment due	1	7	0	8
(8) Other (Not Eligible or Application Withdrawn)	8	7	0	15
d. ON HAND - END OF PERIOD	5	0	0	5
<b>2. ACQUIRED HOMES</b>				
a. ON HAND - START OF YEAR				12
b. ACQUIRED				172
c. DISPOSED OF				183
d. ON HAND - END OF PERIOD				1
<b>3. MORTGAGES PAYABLE</b>				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
<b>4. OTHER DATA</b>				
a. SECOND MORTGAGES LIQUIDATED				22
b. APPRAISALS MADE				396
c. APPEALS PROCESSED:				
(1) Approved				1
(2) Disapproved				0
(3) Pending				0

**DEPARTMENT OF ARMY**  
**Fiscal Year (FY) 2010 Budget Estimates**  
**Homeowners Assistance Fund, Defense**

(\$in Thousands)

PROGRAM AND FINANCING FY 2010	Actual FY 2008	Budget Request FY 2009	Budget Estimate FY 2010
	Obligations (000)	Obligations (000)	Obligations (000)
	Units	Units	Units
PAYMENTS TO HOMEOWNERS	59	446	474
OTHER OPERATING COSTS	72	1,859	950
ACQUISITION OF PROPERTIES	12	1,460	172
MORTGAGES ASSUMED	0	0	0
TOTAL PROGRAM	3,765	15,896	41,977
AVAILABLE FROM PRIOR YEAR	8,016	4,317	0
UNOBLIGATED BALANCES TRANSFERRED - OUT	0	0	0
ESTIMATED EARNED REVENUE	0	7,079	27,051
RETIREMENT OF DEBT	0	0	0
RECOVERY OF PRIOR YEAR OBLIGATIONS	66	0	0
AVAILABLE FOR OTHER YEARS	4,317	0	8,299
BUDGET AUTHORITY	0	0	0
AUTHORIZATION TO SPEND AGENCY DEBT RECEIPTS	0	0	0
APPROPRIATION	0	4,500	23,225
TRANSFER TO/FROM OTHER ACCOUNT	0	0	0
APPROPRIATION ADJUSTED	0	4,500	23,225

May 2009

DEPARTMENT OF ARMY  
Fiscal Year (FY) 2010 Budget Estimates  
Army Family Housing

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