



Department of the Army

Fiscal Year (FY) 2006/2007 Budget Estimates

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

**Justification Data Submitted to Congress
February 2005**

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PART II - AFH

PART III - HOMEOWNERS ASSISTANCE

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2006
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	----- REQUEST	----- REQUEST	-----	-----
Alaska	Fort Wainwright (USARPAC/PARO)				3
46790	Barracks Complex	33,560	33,560	C	5
	Subtotal Fort Wainwright PART I	\$ 33,560	33,560		
	* TOTAL MCA FOR Alaska	\$ 33,560	33,560		
California	Concord Naval Weapons Sta (SDDC/SWRO)				11
57883	Pier Security Upgrade	8,600	8,600	C	13
58508	Upgrade Outload Facilities	3,250	3,250	C	17
	Subtotal Concord Naval Weapons Sta PART I	\$ 11,850	11,850		
	Fort Irwin (FORSCOM/SWRO)				21
48607	Land Acquisition Ph 3	5,000	5,000	C	23
53481	Military Operations Urban Terrain Ph 1	12,000	12,000	C	26
	Subtotal Fort Irwin PART I	\$ 17,000	17,000		
	* TOTAL MCA FOR California	\$ 28,850	28,850		
Colorado	Fort Carson (FORSCOM/NWRO)				31
01080	Combined Arms Collective Training Facility	28,000	28,000	C	33
31469	Barracks Complex	25,522	25,522	C	36
52183	A/DACG Complex Ph 1b	14,600	14,600	C	39
57648	Shoothouse	1,250	1,250	C	43
59668	Shoothouse (USASOC)	1,250	1,250	C	46
	Subtotal Fort Carson PART I	\$ 70,622	70,622		
	* TOTAL MCA FOR Colorado	\$ 70,622	70,622		
Georgia	Fort Benning (TRADOC/SERO)				51
55103	Combined Arms Collective Training Facility	20,961	20,961	C	53
55105	Infantry Platoon Battle Course	4,300	4,300	C	56
58963	Shoothouse	1,250	1,250	C	59
58964	Shoothouse (USASOC)	1,700	1,700	C	62

DEPARTMENT OF THE ARMY
FISCAL YEAR 2006
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST			
-----	-----	-----	-----			
Georgia	Fort Benning (TRADOC/SERO) (CONT.)					51
	Subtotal Fort Benning PART I	\$ 28,211	28,211			
	Fort Gillem (FORSCOM/SERO)					65
60335	Forensic Lab Addition	3,900	3,900	C		67
	Subtotal Fort Gillem PART I	\$ 3,900	3,900			
	Fort Stewart (FORSCOM/SERO)					71
57790	Urban Assault Course	1,350	1,350	C		73
57792	Shoothouse (USASOC)	1,250	1,250	C		76
61114	Barracks Complex	37,566	37,566	C		79
62146	Vehicle Maintenance Shop	17,814	17,814	C		82
	Subtotal Fort Stewart PART I	\$ 57,980	57,980			
	* TOTAL MCA FOR Georgia	\$ 90,091	90,091			
Hawaii	Schofield Barracks (USARPAC/PARO)					89
57035	Barracks Complex Ph 1	48,000	48,000	C		91
58143	Modified Urban Assault Course	5,900	5,900	N		94
58942	Vehicle Maintenance Facility Incr 2	0	24,656	N		98
	Helemano Military Reservation					
58815	Drum Road Upgrade Ph 2	0	41,000	N		101
	Pohakuloa Training Area					
57197	Battle Area Complex	34,000	34,000	N		104
57414	Tactical Vehicle Wash Facility	9,300	9,300	N		108
	Subtotal Schofield Barracks PART I	\$ 97,200	162,856			
	* TOTAL MCA FOR Hawaii	\$ 97,200	162,856			
Kansas	Fort Leavenworth (TRADOC/NWRO)					113
59010	Lewis & Clark Instructional Fac Incr 3	0	42,642	C		115
	Subtotal Fort Leavenworth PART I	\$ 0	42,642			

DEPARTMENT OF THE ARMY
FISCAL YEAR 2006
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT	Mission	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	----- REQUEST	----- REQUEST	-----	-----	-----
	Fort Riley (FORSCOM/NWRO)					121
55119	Digital Multipurpose Training Range	17,500	17,500	C		123
57826	Deployment Facility Ramp Expansion	5,500	5,500	C		127
	Subtotal Fort Riley PART I	\$ 23,000	23,000			
	* TOTAL MCA FOR Kansas	\$ 23,000	65,642			
Kentucky	Fort Campbell (FORSCOM/SERO)					133
43934	Barracks Complex Incr 2	0	24,650	C		135
48670	Barracks Complex - 52nd St	49,575	49,575	C		138
51833	Combined Arms Collective Training Fac Ph 2	10,300	10,300	C		141
55304	Barracks Complex - Glider Rd	43,000	43,000	C		144
57764	Urban Assault Course	1,700	1,700	C		147
	Subtotal Fort Campbell PART I	\$ 104,575	129,225			
	Fort Knox (TRADOC/SERO)					151
51976	Trainee Barracks Complex 1 Incr 2	0	21,000	C		153
	Subtotal Fort Knox PART I	\$ 0	21,000			
	* TOTAL MCA FOR Kentucky	\$ 104,575	150,225			
Louisiana	Fort Polk (FORSCOM/SWRO)					159
62720	Combined Arms Collective Training Facility	28,887	28,887	N		161
	Subtotal Fort Polk PART I	\$ 28,887	28,887			
	* TOTAL MCA FOR Louisiana	\$ 28,887	28,887			
Missouri	Fort Leonard Wood (TRADOC/NWRO)					167
58522	Countermine Training Complex Ph 2	8,100	8,100	C		169
	Subtotal Fort Leonard Wood PART I	\$ 8,100	8,100			
	* TOTAL MCA FOR Missouri	\$ 8,100	8,100			

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
New York	Fort Drum (FORSCOM/NERO)				175
14210	Barracks Complex 10300 Block Incr 1	55,000	38,500	C	177
47171	Physical Fitness Facility	6,800	6,800	C	180
57722	ASP Pallet Processing Facility	1,850	1,850	C	183
	Subtotal Fort Drum PART I	\$ 63,650	47,150		
	United States Military Academy (USMA/NERO)				187
58571	Library & Learning Center Incr 2	0	25,470	C	189
58966	Modified Record Fire Range	4,000	4,000	C	193
	Subtotal United States Military Academy PART I	\$ 4,000	29,470		
	* TOTAL MCA FOR New York	\$ 67,650	76,620		
North Carolina	Fort Bragg (FORSCOM/SERO)				199
35361	Barracks Complex-3d Bde Incr 1	100,000	50,000	C	201
36195	Barracks Complex-DIVARTY Incr 1	113,000	35,600	C	205
44494	Barracks Complex Incr 2	0	30,611	C	208
46828	Courthouse	4,450	4,450	C	212
50342	Barracks Complex 2nd Bde Incr 1	63,000	32,000	C	215
57314	Urban Assault Course	2,100	2,100	C	219
60360	Company Operations Facility	7,300	7,300	C	222
	Subtotal Fort Bragg PART I	\$ 289,850	162,061		
	* TOTAL MCA FOR North Carolina	\$ 289,850	162,061		
Oklahoma	McAlester Army Ammunition Plant (AMC/SWRO)				227
	McAlester AAP				
58530	Ammunition Container Facility	5,400	5,400	C	229
	Subtotal McAlester Army Ammunition Plant PART I	\$ 5,400	5,400		
	Fort Sill (TRADOC/SWRO)				233
53675	Railroad Equipment Facility	2,700	2,700	C	235
	Subtotal Fort Sill PART I	\$ 2,700	2,700		
	* TOTAL MCA FOR Oklahoma	\$ 8,100	8,100		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT	MIS PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	----- REQUEST -----	----- REQUEST -----	----- MISSION -----	----- PAGE -----
Texas	Fort Hood (FORSCOM/SWRO)				241
23194	Vehicle Maintenance Shop	21,645	21,645	C	243
52000	Qualification Training Range	6,093	6,093	C	246
52002	Multipurpose Squad Qual Course-Scout	8,000	8,000	C	249
60156	Battalion Command and Control Facilities	6,600	6,600	C	253
60234	Fire Station	4,100	4,100	C	256
	Subtotal Fort Hood PART I	\$ 46,438	46,438		
	* TOTAL MCA FOR Texas	\$ 46,438	46,438		
Utah	Dugway Proving Ground (ATEC/NWRO)				263
51637	Michael Army Airfield Runway Ph 2	25,000	25,000	C	265
	Subtotal Dugway Proving Ground PART I	\$ 25,000	25,000		
	* TOTAL MCA FOR Utah	\$ 25,000	25,000		
Virginia	Fort Belvoir (MDW/NERO)				271
62297	Defense Access Road Ph 1	18,000	5,000	C	273
	Subtotal Fort Belvoir PART I	\$ 18,000	5,000		
	Fort A P Hill (FORSCOM/NERO)				275
12535	Modified Record Fire Range	2,700	2,700	C	277
	Subtotal Fort A P Hill PART I	\$ 2,700	2,700		
	Fort Myer (MDW/NERO)				281
54960	Child Development Center	15,200	15,200	C	283
	Subtotal Fort Myer PART I	\$ 15,200	15,200		
	* TOTAL MCA FOR Virginia	\$ 35,900	22,900		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Washington	Fort Lewis (FORSCOM/NWRO)				289
50381	Barracks Complex-North Fort	49,949	49,949	C	291
53636	Barracks Complex	50,000	50,000	C	294
	Subtotal Fort Lewis PART I	\$ 99,949	99,949		
	* TOTAL MCA FOR Washington	\$ 99,949	99,949		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 1,057,772	1,079,901		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2006
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	NEW/
----- PROJECT	-----	AUTHORIZATION APPROPRIATION CURRENT
NUMBER	PROJECT TITLE	REQUEST REQUEST MISSION PAGE
-----	-----	-----
Germany	Germany Various (USAREUR/EURO)	299
	Grafenwoehr East Camp Grafenwoehr	
55981	Barracks Complex	40,000 40,000 C 301
55984	Brigade Complex-Forward Support	40,681 40,681 C 304
	Grafenwoehr Grafenwoehr Training Area	
58203	Shoothouse	1,800 1,800 C 308
58210	Urban Assault Course	1,600 1,600 C 311
	Vilseck South Camp Vilseck	
60382	Barracks Complex Ph 2	0 13,600 C 314
	Subtotal Germany Various PART I	\$ 84,081 97,681
	* TOTAL MCA FOR Germany	\$ 84,081 97,681
Italy	Italy Various (USAREUR/EURO)	319
	Livorno Pisa Ammo Stor Area	
58498	Ammunition Storage Facility	5,254 5,254 C 321
	Subtotal Italy Various PART I	\$ 5,254 5,254
	* TOTAL MCA FOR Italy	\$ 5,254 5,254
Korea	Korea Various (EUSA/KORO)	327
	Area I Yongpyong	
58952	Urban Assault Course	1,450 1,450 C 329
	Area III Camp Humphreys	
58242	Barracks Complex	28,000 28,000 C 332
58354	Barracks Complex	45,637 45,637 C 335
58398	Barracks Complex	40,525 40,525 C 338
	Subtotal Korea Various PART I	\$ 115,612 115,612
	* TOTAL MCA FOR Korea	\$ 115,612 115,612
** TOTAL OUTSIDE THE UNITED STATES FOR MCA		\$ 204,947 218,547

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION	PAGE
----- PROJECT	-----	REQUEST	REQUEST	-----
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES/OTHR)			
	Host Nation Support			
62309	Host Nation Support FY 06	0	20,000	343
	Subtotal Planning and Design PART I	\$ 0	20,000	
	Minor Construction (MINOR/OTHR)			
62307	Minor Construction FY 06	0	20,000	345
	Subtotal Minor Construction PART I	\$ 0	20,000	
	Planning and Design (PLNGDES/OTHR)			
62308	Planning and Design FY 06	0	141,393	347
	Subtotal Planning and Design PART I	\$ 0	141,393	
	* TOTAL MCA FOR Worldwide Various	\$ 0	181,393	
	** TOTAL WORLDWIDE FOR MCA	\$ 0	181,393	
	MILITARY CONSTRUCTION (PART I) TOTAL	\$ 1,262,719	1,479,841	
	Total Cost of New Mission Projects	(6)	\$ 143,743	
	Total Cost of Current Mission Projects	(65)	\$ 1,154,705	
	Total Cost of other line items	(3)	\$ 181,393	
	Total Cost of FY 2006 MCA Projects	(74)	\$ 1,479,841	

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2006

REGION SUMMARY

REGION OFFICE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
USA Installation Management Northeast Region Office	103,550	99,520
USA Installation Management Northwest Region Office	226,671	269,313
USA Installation Management Pacific Region Office	130,760	196,416
USA Installation Management Southeast Region Office	484,516	402,377
USA Installation Management Southwest Region Office	112,275	112,275
OUTSIDE THE UNITED STATES		
USA Installation Management Europe Region Office	89,335	102,935
USA Installation Management Korea Region Office	115,612	115,612
WORLDWIDE		
ACSIM	0	181,393
 TOTAL	 1,262,719	 1,479,841

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2006

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
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US Army Materiel Command	5,400	5,400
US Army Test and Evaluation Command	25,000	25,000
US Army Forces Command	804,651	685,012
US Army Training and Doctrine Command	39,011	102,653
US Army Military District of Washington	33,200	20,200
US Army Pacific	130,760	196,416
SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND	11,850	11,850
United States Military Academy	4,000	29,470
US Army Criminal Investigation Command	3,900	3,900
OUTSIDE THE UNITED STATES		
<hr style="border: 0.5px solid black;"/>		
US Army Europe and Seventh Army	89,335	102,935
Eighth United States Army	115,612	115,612
WORLDWIDE		
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Military Construction, Army Minor	0	20,000
Planning and Design	0	161,393
 TOTAL	 1,262,719	 1,479,841

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MILITARY CONSTRUCTION, ARMY

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

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY APPROPRIATIONS (\$)</u>
2006	1,479,841,000
2005	1,981,084,000
2004	1,646,370,000*

* Includes \$36 million for foreign currency adjustments

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 Army Transformation and fiscal constraints. In the current year, investment is primarily directed toward facilities required for People, Current Readiness, and Future Force, such as troop housing, Stryker Brigade Combat Teams, and training ranges, along with construction necessary for environmental, revitalization, 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 \$1.5 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 2006 will be used to design projects in the Army's Fiscal Years 2007 and 2008 programs.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2006

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, ~~\$1,981,084,000, \$1,479,841,000~~, to remain available until September 30, ~~2009~~2010: Provided, That of this amount, not to exceed ~~\$156,999,000, \$161,393,000~~, 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 his determination and the reasons therefore: ~~Provided further, That of the funds appropriated for "Military Construction, Army" under Public Law 107-249, \$7,276,000 are rescinded: Provided further, That of the funds appropriated for "Military Construction, Army" under Public Law 107-64; \$3,924,000 are rescinded: Provided further, That of the funds appropriated for "Military Construction, Army" under Public Law 106-246, \$7,776,000 are rescinded.~~

Items of Interest - Authorizing Committees

Items of Interest-Authorizing Committees

House Armed Services Committee Report #108-491

Planning and Design

On page 402, the Committee directed that funds for planning and design be expended for the following active Army projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than</u> <u>(\$thousands)</u>	<u>Status</u>
AL	Fort Rucker	Aircraft Maintenance Hangar	750	Under Design
CA	Sierra Army Depot	Amedee Army Airfield Runway	561	Under Design
GA	Fort Benning	Receptee Barracks Expansion	2,250	Under Design
GA	Fort Gordon	Law Enforcement Complex	310	Under Design
KY	Bluegrass Depot	Consolidated Shipping Center	365	Design to begin February 2005
PA	Tobyhanna Army Depot	Child Development Center	278	Under Design
VA	Fort A.P. Hill	Combined Arms Collective Training Facility	486	Scope currently being determined
VA	Fort Belvoir	Access Roads	500	Preliminary engineering and environmental documentation currently being done. Design to begin after documentation is complete, mid-calendar year 2006

Senate Armed Services Committee Report #108-260

Planning and Design

On page 420, the Committee directed that funds for planning and design be expended for the following active Army projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than (\$thousands)</u>	<u>Status</u>
NM	Holloman AFB	MacGregor Range Tank Bypass	Both projects to be designed for \$3M	Design to begin second quarter FY05
VA	Fort Belvoir	Woodlawn Road Relocation		Preliminary engineering and environmental documentation currently being done. Design to begin after documentation is complete, mid-calendar year 2006

Central Management of Installations.

On page 441, the Committee directed the Secretaries of the Army and the Navy to each submit a report to the committee by February 1, 2005 that describes:

- (1) the resource allocation and prioritization process for the disbursement of funds to each installation;
- (2) the consideration of the impact of an installation's mission to each Service's overall mission;
- (3) the considerations given to the facility and base operating support requirements for installations with unique missions or substantially greater requirements;
- (4) the authority granted to installation commanders to quickly reallocate local funds to carry out urgent facility and installation support requirements; and
- (5) a comparison and assessment by each major installation of the amount obligated for base operating support and facility sustainment accounts in fiscal years 2003 and 2004.

This report was provided to the committees as requested.

Items of Interest-Military Construction Appropriations Committees

Senate Appropriations Committee Report #108-309

Real Property Maintenance Reporting Requirement

On page 16, the Committee directed the Services to continue to provide real property maintenance backlog information on the DD Form 1390 at all installations for which there is a requested project. In addition, for all troop housing requests, the DD Form 1391 is to continue to show all real property maintenance (RPM) conducted in the past two years, and all future requirements for unaccompanied housing at that location. The FY06 Budget justification documents provided this year comply with this guidance. Sustainment, Restoration and Modernization (SRM) funding (vice RPM) and requirements information is provided as requested.

Planning and Design

On page 18, the Committee directed that funds for planning and design be expended for the following active Army projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than (\$thousands)</u>	<u>Status</u>
FL	Eglin AFB	Facilities Upgrade, Camp Rudder	365	Under Design
NM	Holloman AFB	MacGregor Range Tank Bypass	1,656	Design to begin second quarter FY05
VA	Fort Belvoir	Woodlawn Road Relocation	1,890	Preliminary engineering and environmental documentation currently being done. Design to begin after documentation is complete, mid-calendar year 2006

Soldier Service Center, Fort Campbell, KY- On page 18, the Committee identified the need for this project, programmed for fiscal year 2009, to consolidate soldier support facilities under one roof. During the 101st Airborne Division's deployment and redeployment in support of Operation Iraqi Freedom, these activities were spread out over numerous locations and required a physical fitness center to be shut down in order to serve as a soldier-processing center. The Committee strongly urged the Army to move this project forward to fiscal year 2006. The Army was unable to include the project in FY06, but it will be considered during the FY07-11 Program Change Proposal.

Special Program Considerations

Minor Construction

On page 18, the Committee directed the Army to make FY05 funds available out of the minor construction account for the following projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than (\$thousands)</u>	<u>Status</u>
UT	Tooele Army Depot	Ammunition Igloo Door Installation	1,400	Under Design
KY	Fort Knox, Godman Army Airfield	Taxiway Improvements	940	Under Design

*House Appropriations Committee Report #108-607*Planning and Design

On page 9, the Committee directed that funds for planning and design be expended for the following active Army projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than</u> <u>(\$thousands)</u>	<u>Status</u>
AL	Fort Rucker	Aircraft Maintenance Hangar	750	Under Design
CA	Sierra Army Depot	Runway Extension Amedee Army Airfield	561	Under Design
GA	Fort Benning	Receptee Barracks Expansion	2,250	Under Design
GA	Fort Gordon	Law Enforcement Complex	310	Under Design
KY	Bluegrass Depot	Consolidated Shipping Center	365	Design to begin February 2005
PA	Tobyhanna Army Depot	Child Development Center	278	Under Design
VA	Fort A.P. Hill	Combined Arms Collective Training Facility	486	Scope currently being determined
VA	Fort Belvoir	Access Roads	500	Preliminary engineering and environmental documentation currently being done. Design to begin after documentation is complete, mid-calendar year 2006

Other Items of Interest

Overseas Construction. This year's budget estimate request includes ten Military Construction, Army (MCA) projects totaling \$218,547,000 and two Army Family Housing Construction (AFHC) projects totaling \$133,100,000 in authorization and authorization of appropriations to construct facilities overseas. This represents 17 percent of our MCA and 25 percent of our AFHC budget request. These projects are the minimum number of essential projects supported by the Combatant Commanders at locations vital to their long term missions.

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Alaska	Fort Wainwright (USARPAC/PARO)				3
46790	Barracks Complex	33,560	33,560	C	5
	Subtotal Fort Wainwright PART I	\$ 33,560	33,560		
	* TOTAL MCA FOR Alaska	\$ 33,560	33,560		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005							
3. INSTALLATION AND LOCATION Fort Wainwright Alaska		4. COMMAND US Army Pacific (Installation Mgt Agency, Pacific Region)		5. AREA CONSTRUCTION COST INDEX 2.04						
6. PERSONNEL STRENGTH:										
	PERMANENT		STUDENTS		SUPPORTED					
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	559	4166	683	0	0	0	7	42	1076	6,533
B. END FY 2011	583	4319	730	0	0	0	7	42	1041	6,722
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	647,838 ha		(1,600,836 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2004.....										3,856,594
C. AUTHORIZATION NOT YET IN INVENTORY.....										478,145
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....										33,560
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....										0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....										0
G. REMAINING DEFICIENCY.....										9,244,510
H. GRAND TOTAL.....										13,612,809
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
721	46790	Barracks Complex		33,560		03/2004	09/2005			
				TOTAL		33,560				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE				(\$000)						
A. REQUESTED IN THE FY 2007 PROGRAM:		NONE								
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		NONE								
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A						
10. MISSION OR MAJOR FUNCTIONS:										
Fort Wainwright garrisons elements of the 172nd Infantry Brigade and supporting organizations. It also provides on-post army family housing for approximately 1860 families. Support includes training ranges and maneuver areas on post and at the Donnelly Training Area.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
					(\$000)					
A. AIR POLLUTION					0					
B. WATER POLLUTION					0					
C. OCCUPATIONAL SAFETY AND HEALTH					0					

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska				4. PROJECT TITLE Barracks Complex		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 46790		8. PROJECT COST (\$000) Auth 33,560 Approp 33,560	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						22,681
Barracks		m2 (SF)	4,692 (50,504)		2,843	(13,338)
Soldier Community Building		m2 (SF)	492.39 (5,300)		2,897	(1,426)
Company Ops Facilities		m2 (SF)	2,533 (27,265)		2,552	(6,465)
IDS Installation		LS	--		--	(35)
EMCS Connection		LS	--		--	(140)
Total from Continuation page						(1,277)
<u>SUPPORTING FACILITIES</u>						7,330
Electric Service		LS	--		--	(1,450)
Water, Sewer, Gas		LS	--		--	(1,024)
Steam And/Or Chilled Water Dist		LS	--		--	(1,576)
Paving, Walks, Curbs & Gutters		LS	--		--	(800)
Storm Drainage		LS	--		--	(55)
Site Imp(2,016) Demo()		LS	--		--	(2,016)
Information Systems		LS	--		--	(325)
Antiterrorism/Force Protection		LS	--		--	(84)
ESTIMATED CONTRACT COST						30,011
CONTINGENCY PERCENT (5.00%)						<u>1,501</u>
SUBTOTAL						31,512
SUPV, INSP & OVERHEAD (6.50%)						<u>2,048</u>
TOTAL REQUEST						33,560
TOTAL REQUEST (ROUNDED)						33,560
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a barracks and company operations facilities. Supporting facilities include utilities, exterior lighting, fire protection, alarm system, paving, sidewalks, curb and gutter, sanitary and storm sewer, information systems, energy monitoring and control systems, and site improvements. Anti terrorism /force protection 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. Heat is supplied by the coal-fired central heating and power plant. Supporting facility costs are high due to extensive earthwork and the requirement for underground utilidors for protection of utilities in the subzero arctic climate.						
11. REQ: 1,558 PN ADQT: 1,342 PN SUBSTD: 216 PN						
<u>PROJECT:</u> Construct a barracks complex. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 144 soldiers. The intended utilization is 112 Junior Enlisted and 16 Sergeants.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 46790
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism/Force Protection	LS	--	--	(763)
Building Information Systems	LS	--	--	(514)
			Total	1,277

CURRENT SITUATION: The existing gang latrine barracks are old and are deteriorated; and the existing operational facilities are too small and located in the barracks.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$4.7M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Wainwright, AK. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 72 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAR 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... DEC 2004
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Wainwright, Alaska

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 46790
--------------------------------------	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (2) Basis:
- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Fort Wainwright
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-------|
| (a) Production of Plans and Specifications..... | 2,040 |
| (b) All Other Design Costs..... | 340 |
| (c) Total Design Cost..... | 2,380 |
| (d) Contract..... | 1,808 |
| (e) In-house..... | 572 |
- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... FEB 2006
- (6) Construction Completion..... FEB 2008

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

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

Installation Engineer: Mr Michael T. Meeks
Phone Number: 907-384-3000

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
California	Concord Naval Weapons Sta (SDDC/SWRO)				11
57883	Pier Security Upgrade	8,600	8,600	C	13
58508	Upgrade Outload Facilities	3,250	3,250	C	17
	Subtotal Concord Naval Weapons Sta PART I	\$ 11,850	11,850		
	Fort Irwin (FORSCOM/SWRO)				21
48607	Land Acquisition Ph 3	5,000	5,000	C	23
53481	Military Operations Urban Terrain Ph 1	12,000	12,000	C	26
	Subtotal Fort Irwin PART I	\$ 17,000	17,000		
	* TOTAL MCA FOR California	\$ 28,850	28,850		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005																																													
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California		4. COMMAND Surface Deployment and Distribution Cmd (Installation Mgt Agency, Southwest Region)		5. AREA CONSTRUCTION COST INDEX 1.23																																												
<table border="0"> <tr> <td>6. PERSONNEL STRENGTH:</td> <td colspan="3">PERMANENT</td> <td colspan="3">STUDENTS</td> <td colspan="3">SUPPORTED</td> <td></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>TOTAL</td> </tr> <tr> <td>A. AS OF 30 SEP 2004</td> <td>1</td> <td>3</td> <td>36</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> <td>43</td> </tr> <tr> <td>B. END FY 2011</td> <td>1</td> <td>3</td> <td>36</td> <td>0</td> <td>0</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> <td>43</td> </tr> </table>					6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED					OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 2004	1	3	36	0	0	0	3	0	0	43	B. END FY 2011	1	3	36	0	0	0	3	0	0	43
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C.	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	N/A																																														
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>The Army mission is to plan, coordinate, and accomplish the transshipment of DoD munitions, explosives, and other hazardous cargo through the Military Ocean Terminal Concord (Part of Concord Naval Weapons Station). The U.S. Army occupies a portion of the facilities at the Naval Weapons Station Concord to perform this mission.</p>																																																

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Concord Naval Weapons Sta, California

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California			4. PROJECT TITLE Pier Security Upgrade			
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 906	7. PROJECT NUMBER 57883		8. PROJECT COST (\$000) Auth 8,600 Approp 8,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,481
Fixed/Floating Barrier System		EA	1 --		1481000	(1,481)
CCTV System Installation		LS	--		--	(593)
Security Chain Link Fence		LS	--		--	(1,740)
Install Monitoring Console		LS	--		--	(150)
Security Lighting		LS	--		--	(465)
Total from Continuation page						(3,052)
<u>SUPPORTING FACILITIES</u>						299
Electric Service		LS	--		--	(57)
Water, Sewer, Gas		LS	--		--	(37)
Paving, Walks, Curbs & Gutters		LS	--		--	(152)
Site Imp(53) Demo()		LS	--		--	(53)
ESTIMATED CONTRACT COST						7,780
CONTINGENCY PERCENT (5.00%)						<u>389</u>
SUBTOTAL						8,169
SUPV, INSP & OVERHEAD (5.70%)						<u>466</u>
TOTAL REQUEST						8,635
TOTAL REQUEST (ROUNDED)						8,600
INSTALLED EQT-OTHER APPROP						(1,252)
10. Description of Proposed Construction Construct pier security upgrades to include: a waterside barrier system at Pier 3; installation of an integrated Closed Circuit TV (CCTV) system, repair/replace the existing boat launch facility; access control point features for both a main and secondary access control to the installation; fiber optic backbone and data connections to support buildings; and, perimeter fencing complete with security lighting and installation of CCTV and Intrusion Detection System (IDS). Upgrades to the security system will install security monitoring consoles (funded by other appropriations) at three buildings and include connections to the existing IDS, the access control system and the CCTV system. Access control point features include entry lanes, search areas, a visitor control center, gate house, barriers, traffic control features and Inspection area canopy. Supporting Facilities includes electrical service, lightning protection, and information systems.						
11. REQ:		1 EA	ADQT:		NONE	SUBSTD: 1 EA
PROJECT: Provide Security Upgrades. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
--------------------------	---	----------------------------

3. INSTALLATION AND LOCATION

Concord Naval Weapons Sta, California

4. PROJECT TITLE Pier Security Upgrade	5. PROJECT NUMBER 57883
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(82)
Boat Launch/Floting Dock	EA	1 --	263,289	(263)
Visitor Control Center	m2 (SF)	83.61 (900)	2,442	(204)
Gate House	LS	--	--	(129)
Canopy Cover at Inspection Area	LS	--	--	(22)
Building Information Systems	LS	--	--	<u>(2,352)</u>
			Total	3,052

REQUIREMENT: This project is required to provide access control and improve security for the shipment of containerized munitions by the Military Ocean Terminal, Concord (MOTCO) designated as the West Coast port by the Department of Defense. Their requirements are for the safe transshipment of 520 ammunition containers per day (CPD) and secure storage of sufficient munitions containers to meet the 520 CPD requirements. The force protection and physical security improvements will ensure their preparedness to conduct contingency operations with minimal lead time.

CURRENT SITUATION: The Army has operational and maintenance responsibility of the Tidal Basin Area of the Naval Weapons Station installation through an Indefinite Use Permit signed by the Army and the Navy effective September 1999. Several high level security assessments have been performed identifying vulnerabilities on the installation. Potential attack at this ammunition port may prove detrimental if immediate remedy to vulnerabilities is not provided. Although MOTCO has been placed in a Reduced Operational Status, it is required to maintain a degree of preparedness for contingency operations. MOTCO provides training facilities several times a year for Reserve Component units. The Tidal Basin Area and its associated piers have no protection from waterborne craft. The piers lack proper surveillance, security lighting and perimeter protection. The existing perimeter fencing is inadequate. The types, heights, and conditions vary considerably. Some fencing is hidden by vegetation and sits in tidal pools. The installation is also bisected by a public rail line, which impacts upon the security of the storage, holding and transfer pads, and the piers. Sources of electrical power are in poor condition, are at capacity and are subject to outages. The existing communications infrastructure is at capacity and cannot accommodate any upgrades on the installation.

IMPACT IF NOT PROVIDED: If this project is not provided, the threat of possible terrorists and saboteurs gaining access to vast quantities of ammunition at MOTCO will remain high. This situation could result in theft or destruction of stored munitions or damage to ships docked at the pier loading and unloading ammunition which may lead to a possible loss of lives and

1.COMONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION

Concord Naval Weapons Sta, California

4.PROJECT TITLE Pier Security Upgrade	5.PROJECT NUMBER 57883
--	-------------------------------

IMPACT IF NOT PROVIDED: (CONTINUED)

destruction to buildings and facilities in the surrounding areas.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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..... 460
- (b) All Other Design Costs..... 150
- (c) Total Design Cost..... 610
- (d) Contract..... 460
- (e) In-house..... 150

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... AUG 2007

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Concord Naval Weapons Sta, California

4. PROJECT TITLE Pier Security Upgrade	5. PROJECT NUMBER 57883
---	----------------------------

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>
CCTV Cameras	OPA	2007	249
Security Monitoring Console	OPA	2007	379
Info Sys - PROP	OPA	2007	624
		TOTAL	1,252

Installation Engineer: Hess Rouhafza
Phone Number: (925) 246-4154

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California				4. PROJECT TITLE Upgrade Outload Facilities		
5. PROGRAM ELEMENT 46029A		6. CATEGORY CODE 425	7. PROJECT NUMBER 58508		8. PROJECT COST (\$000) Auth 3,250 Approp 3,250	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						2,811
Resurface Transfer Pad		m2 (SY)	7,247 (8,667)		41.62	(302)
Resurface Storage Lot		m2 (SY)	25,284 (30,240)		41.62	(1,052)
Resurface Apron Areas		m2 (SY)	418.06 (500)		41.62	(17)
Exterior Lighting		EA	24 --		45,336	(1,088)
Chain Link 6 FT High		m (LF)	2,353 (7,720)		79.04	(186)
Total from Continuation page						(166)
SUPPORTING FACILITIES						111
Electric Service		LS	--		--	(48)
Site Imp(33) Demo(5)		LS	--		--	(38)
Antiterrorism/Force Protection		LS	--		--	(25)
ESTIMATED CONTRACT COST						2,922
CONTINGENCY PERCENT (5.00%)						146
SUBTOTAL						3,068
SUPV, INSP & OVERHEAD (5.70%)						175
TOTAL REQUEST						3,243
TOTAL REQUEST (ROUNDED)						3,250
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Resurface Transfer Pad, Storage Lot, and two adjacent apron areas. Install security fencing, (fence within fence), lighting and lightning protection and gates. Demolish one building (400 square feet) and bury overhead electrical and communication lines.						
11. REQ: 52,905 m2 ADQT: 19,956 m2 SUBSTD: 32,949 m2						
PROJECT: Resurface and provide security fencing, lighting and lightning protection for Transfer Pad and Storage Lot. (Current Mission)						
REQUIREMENT: Military Ocean Terminal Concord (MOTCO) is the primary Department of Defense (DoD) West Coast port for the shipment of containerized munitions during contingency operations. This project has a direct impact on MOTCO's ability to meet its mission requirements. This project is required to upgrade primary and support facilities at Storage Lot 2 and Transfer Pad T-10. Due to the nature of this requirement, there are no alternative facilities, on or off the installation or at nearby installations, that could be used to satisfy this requirement.						
CURRENT SITUATION: Continued use of substandard facilities, deterioration and lack of preventive maintenance measures will result in irreparable damage and dramatically decrease throughput capacity. Pavement depressions are						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Concord Naval Weapons Sta, California

4. PROJECT TITLE Upgrade Outload Facilities	5. PROJECT NUMBER 58508
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Barred Tape Fence Topping	m (LF)	2,353 (7,720)	40.78	(96)
Gates - 24 ft Pair	EA	16 --	1,886	(30)
Antiterrorism/Force Protection	LS	--	--	(40)
			Total	166

CURRENT SITUATION: (CONTINUED)

developing at each facility due to the heavy loads associated with this type of operation. Lighting at both facilities is inadequate. No security lighting is available as required at Storage Lot 2. Transfer Pad T-10 and Storage Lot 2 are not currently protected against lightning strikes.

IMPACT IF NOT PROVIDED: If this project is not provided, MOTCO will not be able to meet its mission requirements. Pavement deterioration will continue. Lighting will not meet standards, causing reduced efficiency in operations while increasing safety risks. Security lighting will not be available. The lack of appropriate lightning protection systems and the placement of underground electrical power lines substantially increases the possibility of lightning and commercial electricity causing catastrophic explosion.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Concord Naval Weapons Sta, California

4. PROJECT TITLE Upgrade Outload Facilities	5. PROJECT NUMBER 58508
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
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.....	100
(b) All Other Design Costs.....	250
(c) Total Design Cost.....	350
(d) Contract.....	200
(e) In-house.....	150

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... MAR 2007

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: Hess Rouhafza
Phone Number: 925-246-4154

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Irwin California			4. COMMAND US Army Forces Command (Installation Mgt Agency, Southwest Region)			5. AREA CONSTRUCTION COST INDEX 1.27	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	758	4186	597	0	0	0	14,644
B. END FY 2011	758	4147	632	0	0	0	14,755
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	257,515 ha		(636,331 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							2,288,417
C. AUTHORIZATION NOT YET IN INVENTORY.....							193,656
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							17,000
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							10,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							426,216
H. GRAND TOTAL.....							2,935,289
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START	COMPLETE
912	48607	Land Acquisition Ph 3			5,000	06/2004	09/2005
179	53481	Military Operations Urban Terrain Ph 1			12,000	05/2004	09/2005
TOTAL					17,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
912	Land Acquisition Ph 4			10,000			
TOTAL					10,000		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
<p>The mission of the 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 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Irwin, California										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<hr/>										

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Irwin California				4. PROJECT TITLE Land Acquisition Ph 3		
5. PROGRAM ELEMENT 78018A		6. CATEGORY CODE 912	7. PROJECT NUMBER 48607	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> Land Acquisitions		ha (AC)	5,059 (12,500)		988.42	5,000 (5,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						5,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						5,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						5,000
TOTAL REQUEST (ROUNDED)						5,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Purchase 12,500 acres of land. Phase 1 of this program (PN 16895,\$19M) was in FY00; Phase 2(PN 48606, \$14.5M)was in FY04.						
11. <u>REQ:</u> 223,100 ha <u>ADQT:</u> 145,000 ha <u>SUBSTD:</u> NONE						
<u>PROJECT:</u> Purchase/transfer privately owned land, state and local land and Bureau of Land Management Land adjacent to Fort Irwin. This is part of a 110,000 acre transfer of lands to the NTC. (Current Mission)						
<u>REQUIREMENT:</u> The National Training Center (NTC) requires 552,000 acres of maneuver area to effectively train Maneuver Brigades in Brigade level combat training proficiency. The project would allow the NTC to utilize a 2nd full East-West Corridor as well as the existing East-West Corridor now used for conduct of Force-on-Force exercises with Rotational Task Forces. It will then provide more realistic zones of operation and allow the establishment of normal combat lines of communication.						
<u>CURRENT SITUATION:</u> At present, 358,700 acres of the recommended maneuver acreage is available for training. Due to terrain configurations, the NTC is restricted to a single East-West corridor for the conduct of Force-on-Force Rotational Training. Constant use of the East-West corridor has resulted in the familiarity of land by rotational units and deterioration of terrain						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Irwin, California		
4. PROJECT TITLE Land Acquisition Ph 3	5. PROJECT NUMBER 48607	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>features. In efforts to alleviate these concerns, training scenarios are sometimes written in an unrealistic manner to achieve training objectives. Terrain restrictions make it impossible to realistically portray the depth of today's expected battlefield environment. These restrictions preclude both realistic resupply activities being accomplished without interrupting the rotational training, and the emplacement of supply and staging areas at realistic distances from maneuver areas to provide for a true evaluation of resupply activities. Currently, the opposing force (OPFOR) must be staged in locations that are not in accordance with doctrine. This not only constrains OPFOR maneuverability but denies realistic Blue Force (BLUFOR) use of intelligence collection activities. As a result, BLUFOR intelligence collection activities are sometimes simulated or provided by the Controller Personnel which downgrades the value of the training received. Due to the current lack of appropriate width within existing training corridors in the Force-on-Force areas, severe restrictions are placed on the ability of a unit to maneuver, or opportunities for a battalion to participate in an envelopment or turning movement. Major changes in direction of movement are also restricted. Units are required to artificially move to other corridors or conduct operations back over the same terrain.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the available trafficable terrain is not large enough to provide maneuver area for a modern brigade. The available land is sufficient for small unit operations, but for the 21st Century, the Army and its sister services require significantly expanded width and depth for training. Technological improvements have increased the range and speed of modern weaponry. Brigades are the smallest fully independent strategic element the Army sends into combat. The effectiveness of the NTC as a tough, realistic training environment must be maintained to keep pace with the growing complexity of modern warfare weapon systems.</p> <p><u>ADDITIONAL:</u> The land acquisition is in accordance with the Consolidated Appropriations Act of 2001 (PL 106-554, sec 323 (h)). This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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.</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Irwin, California

4. PROJECT TITLE

Land Acquisition Ph 3

5. PROJECT NUMBER

48607

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Other
Project is a pure negotiated land acquisition procurement.
- (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..... 200
- (b) All Other Design Costs..... 200
- (c) Total Design Cost..... 200
- (d) Contract..... 50
- (e) In-house..... 150

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... DEC 2006

(6) Construction Completion..... DEC 2006

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: LTC Paul Cramer
Phone Number: 760-380-3433

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Irwin California				4. PROJECT TITLE Military Operations Urban Terrain Ph 1		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 179	7. PROJECT NUMBER 53481	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> Military Operations Urban Terra		FP	1 --	9802449	9,802 (9,802)	
<u>SUPPORTING FACILITIES</u> Electric Service		LS	--	--	985 (985)	
ESTIMATED CONTRACT COST					10,787	
CONTINGENCY PERCENT (5.00%)					539	
SUBTOTAL					11,326	
SUPV, INSP & OVERHEAD (5.70%)					646	
TOTAL REQUEST					11,972	
TOTAL REQUEST (ROUNDED)					12,000	
INSTALLED EQT-OTHER APPROP					(1,900)	
10. Description of Proposed Construction Construct Phase I of a modified design central business district, large city, Military Operations Urban Terrain (MOUT) assault course consisting of a government-palace compound, consulate compound and a town center with multi-use buildings. Phase 2 will follow in a future budget request. Supporting facilities include electric service. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required.						
11. REQ: 1 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a Military Operations Urban Terrain (MOUT), Phase I compound. (Current Mission)						
REQUIREMENT: This project is required to train Active Army, National Guard, Army Reserve, and other uniformed service members in the techniques of fighting within towns and cities at the brigade level. It will enable the training of combat personnel equipped as light infantry, with medium weight vehicles, or with heavy mechanized and armor. This project provides training facilities for Brigade training units during 10 National Training Center rotations per year and home station units, other Active Army units, Reserves and National Guard with a new type of training environment, meeting the						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Irwin, California		
4. PROJECT TITLE Military Operations Urban Terrain Ph 1	5. PROJECT NUMBER 53481	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>lessons learned from recent combat deployments within threat and urban areas. This complex integrates all major urban challenges into a training complex. It supports unit training and provides scenarios ranging from urban unrest and support and stability operations to multi-threat and mid intensity close combat. A facility of this size and type is necessary for Task Force sized operations. The requirement for urban operations at the brigade and task force levels involves a regional training experience. This project is the first phase and provides the nucleus for follow on phases. This phase provides the central business district for the Capital City component of the urban operations region. The second phase will provide further density development for the suburban neighborhoods of the Capital City and integrate coordinated instrumentation and targetry. The third phase provides a petrochemical plant, fortress/terrorist training camp and mine/refining complex in remote areas to the Capital City and further instrumentation and targetry. Phasing is necessary to preclude training impacts as brigade distances for urban warfare necessitate dispersed training facility locations. A single project undertaking would severely limit ongoing National Training Center maneuver and scenario optimizations.</p> <p><u>CURRENT SITUATION:</u> Military Operations Urban Terrain (MOUT) training is currently being conducted using make shift mobile MOUT facilities. These facilities do not provide the necessary building types or sizes to adequately train Battalion task force and higher units. Realistic training is severely hampered because the sites will not support units greater than a company size, integrating pyrotechnics, or armored vehicles. There are no other facilities available to support the specialized needs of this requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Irwin will not be able to provide urban operations warfare training to soldiers of the Army and other uniformed service members and Federal Agencies. Lack of current doctrine training facilities impacts ongoing Army Transformation and ultimately on force readiness. Required brigade training will continue to not be met.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Irwin, California

4. PROJECT TITLE Military Operations Urban Terrain Ph 1	5. PROJECT NUMBER 53481
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAY 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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..... 540
- (b) All Other Design Costs..... 180
- (c) Total Design Cost..... 720
- (d) Contract..... 540
- (e) In-house..... 180

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... SEP 2007

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Targetry	OPA	2007	1,900
		TOTAL	1,900

Installation Engineer: LTC Paul Cramer
Phone Number: 760-380-3433

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)		NEW/			
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----	-----
Colorado		Fort Carson (FORSCOM/NWRO)				31
	01080	Combined Arms Collective Training Facility	28,000	28,000	C	33
	31469	Barracks Complex	25,522	25,522	C	36
	52183	A/DACG Complex Ph 1b	14,600	14,600	C	39
	57648	Shoothouse	1,250	1,250	C	43
	59668	Shoothouse (USASOC)	1,250	1,250	C	46
		Subtotal Fort Carson PART I	\$ 70,622	70,622		
		* TOTAL MCA FOR Colorado	\$ 70,622	70,622		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. COMMAND US Army Forces Command (Installation Mgt Agency, Northwest Region)			5. AREA CONSTRUCTION COST INDEX 1.11	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	1586	12443	1684	8	26	0	48 209 2591 18,595
B. END FY 2011	1610	12527	1697	8	26	0	48 209 2591 18,716
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	151,075 ha		(373,313 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							3,001,104
C. AUTHORIZATION NOT YET IN INVENTORY.....							211,171
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							70,622
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							24,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							319,931
H. GRAND TOTAL.....							3,626,828
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
179	1080	Combined Arms Collective Training Facility				28,000	07/2003 09/2005
721	31469	Barracks Complex				25,522	04/2004 09/2005
113	52183	A/DACG Complex Ph 1b				14,600	06/2001 09/2005
178	57648	Shoothouse				1,250	06/2003 09/2005
178	59668	Shoothouse (USASOC)				1,250	12/2003 09/2005
TOTAL						70,622	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. REQUESTED IN THE FY 2007 PROGRAM:							
141		A/DACG Complex Ph 2				24,000	
TOTAL						24,000	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A	
10. MISSION OR MAJOR FUNCTIONS:							
7th Infantry Division and Fort Carson trains, mobilizes, deploys, and sustains combat-ready forces. We ensure the well-being and protection of the Mountain Post Team, while operating a responsive, efficient and sustainable installation, Post Mobilization Maneuver Training Center, and power projection platform.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Fort Carson, Colorado

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Combined Arms Collective Training Facility			
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 179	7. PROJECT NUMBER 01080		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>						15,948
Combined Arms Collec. Trng Fac.		EA	1	--	12386656	(12,387)
Urban Assault Course		EA	1	--	1338854	(1,339)
Operations/Storage Building		m2 (SF)	74.32	(800)	2,029	(151)
Range Operations/AAR		m2 (SF)	426.61	(4,592)	3,295	(1,406)
Latrine		m2 (SF)	101.45	(1,092)	3,198	(324)
Total from Continuation page						(341)
<u>SUPPORTING FACILITIES</u>						9,423
Electric Service		LS	--	--	--	(6,050)
Water, Sewer, Gas		LS	--	--	--	(186)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(2,445)
Storm Drainage		LS	--	--	--	(19)
Site Imp(655) Demo()		LS	--	--	--	(655)
Information Systems		LS	--	--	--	(68)
ESTIMATED CONTRACT COST						25,371
CONTINGENCY PERCENT (5.00%)						<u>1,269</u>
SUBTOTAL						26,640
SUPV, INSP & OVERHEAD (5.70%)						<u>1,518</u>
TOTAL REQUEST						28,158
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						(5,608)
10. Description of Proposed Construction Construct a standard design Combined Arms Collective Training Facility (CACTF). Primary facilities include the CACTF, urban assault course (UAC), breach facility, operations/storage facility, range operations/after action review (AAR) facility, and field latrine. Supporting facilities include electric service, site utilities, and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Air Conditioning (Estimated 28 kW/8 Tons).						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE						
<u>PROJECT:</u> Construct a Combined Arms Collective Training Facility, Urban Assault Course, and Breach Facility. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide facilities for the training of Active Army, Reserve, and National Guard units in the tactics and techniques required for urban warfare under simulated combat conditions. The requirement for this type training has increased significantly due to the nature of many of the intervention and peace keeping missions assigned to the Army. Soldiers must be well trained in rifle marksmanship and in the techniques and tactics of urban warfare, in order to ensure success and						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 01080
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Breach Facility	FP	3 --	87,000	(261)
Building Information Systems	LS	--	--	(80)
			Total	341

REQUIREMENT: (CONTINUED)

survivability. The Urban Assault Course and Breach Facility are required to develop low-level collective skill proficiency for individual soldiers through platoons. The CACTF will facilitate collective training for the company team through battalion task force level. The automated information infrastructure will capture all required data to support compiling all necessary data (audio & video) for a formal after action review. Additionally, this data will be packaged as an automated take home package for use at home station. Anticipated use of this complex will be for 242 days each year. The CACTF will be constructed adjacent to Fort Carson's downrange Camp Red Devil training area, and the Urban Assault Course constructed approximately two and a half miles due east of the CACTF.

CURRENT SITUATION: The limited urban training facilities currently available on Fort Carson do not meet requirements of doctrine or training strategy and do not provide realistic training capabilities for military units. Current facilities have no targetry or after action review capability.

IMPACT IF NOT PROVIDED: If this project is not provided, it will be impossible for units to acquire and maintain proficiency in the skills required to fight, survive, and win in an urban environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Carson, Colorado

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 01080
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JUL 2003
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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..... 1,522
 - (b) All Other Design Costs..... 428
 - (c) Total Design Cost..... 1,950
 - (d) Contract..... 200
 - (e) In-house..... 1,750
 - (4) Construction Contract Award..... MAR 2006
 - (5) Construction Start..... APR 2006
 - (6) Construction Completion..... APR 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Targetry	OPA	2007	5,600
Info Sys - ISC	OPA	2007	8
		TOTAL	<u>5,608</u>

Installation Engineer: LTC Barrett Larwin
Phone Number: (719)526-3415

1. COMPONENT ARMY	FY 2006	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION Fort Carson Colorado	4. PROJECT TITLE Barracks Complex
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5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 31469	8. PROJECT COST (\$000) Auth 25,522 Approp 25,522
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				20,825
Barracks	m2 (SF)	5,712 (61,488)	1,846	(10,543)
Company Ops Facilities, 4 EA	m2 (SF)	5,400 (58,120)	1,530	(8,261)
Covered Equip Layout Area	m2 (SF)	1,028 (11,064)	516.67	(531)
Special Foundations	LS	--	--	(496)
IDS Installation	LS	--	--	(12)
Total from Continuation page				(982)
<u>SUPPORTING FACILITIES</u>				2,171
Electric Service	LS	--	--	(325)
Water, Sewer, Gas	LS	--	--	(205)
Paving, Walks, Curbs & Gutters	LS	--	--	(472)
Storm Drainage	LS	--	--	(159)
Site Imp(785) Demo(171)	LS	--	--	(956)
Information Systems	LS	--	--	(54)
ESTIMATED CONTRACT COST				22,996
CONTINGENCY PERCENT (5.00%)				<u>1,150</u>
SUBTOTAL				24,146
SUPV, INSP & OVERHEAD (5.70%)				<u>1,376</u>
TOTAL REQUEST				25,522
TOTAL REQUEST (ROUNDED)				25,522
INSTALLED EQT-OTHER APPROP				()

10. Description of Proposed Construction Construct a standard design barracks and a consolidated four company (two medium and two large) operations facility, with mezzanine. Arms rooms in the company operations facilities will be prepared for follow-on installation of an intrusion detection system. Connect both the barracks and company operations facilities to an energy monitoring and control system (EMCS). Supporting facilities include all required utility support systems; exterior lighting; fire protection and alarm systems; xeriscape landscaping; paving, walks, curbs and gutters; POV parking; and a pavilion and basketball court. Heating will be by self-contained natural gas systems. Air conditioning will be provided for the barracks and the administrative areas of the company operations facilities. Due to the expansive soils prevalent on Fort Carson, special foundations are required. Antiterrorism/force protection 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. Demolish 2 Buildings (Total 906 m2/9,753 SF). Air Conditioning (Estimated 703 kW/200 Tons).

11. REQ:	4,016 PN	ADQT:	3,848 PN	SUBSTD:	168 PN
PROJECT:	Construct a barracks complex. (Current Mission)				

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005			
3. INSTALLATION AND LOCATION Fort Carson, Colorado					
4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 31469				
9. <u>COST ESTIMATES (CONTINUED)</u>					
	Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>					
EMCS Connection		LS	--	--	(79)
Antiterrorism/Force Protection		LS	--	--	(500)
Building Information Systems		LS	--	--	(403)
				Total	982
<u>REQUIREMENT:</u> This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 168 soldiers. The intended utilization is 132 Junior Enlisted and 18 Sergeants.					
<u>CURRENT SITUATION:</u> The existing gang latrine barracks are old and deteriorated; and the existing operational facilities are too small.					
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.					
<u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.					
During the past two years, \$3.6M 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 2006, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 31469
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... APR 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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..... 1,560
 - (b) All Other Design Costs..... 1,040
 - (c) Total Design Cost..... 2,600
 - (d) Contract..... 100
 - (e) In-house..... 2,500

- (4) Construction Contract Award..... DEC 2005

- (5) Construction Start..... FEB 2006

- (6) Construction Completion..... FEB 2008

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 Barrett Larwin
Phone Number: (719) 526-3415

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE A/DACG Complex Ph 1b			
5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 113	7. PROJECT NUMBER 52183		8. PROJECT COST (\$000) Auth 14,600 Approp 14,600		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,833
Fixed-Wing Parking Apron, Surfa		m2 (SY)	109,533 (131,000)		103.75	(11,364)
Parking Apron Lighting		EA	11 --		60,135	(661)
Apron Painting		LS	--		--	(15)
Apron Shoulders		m2 (SY)	31,773 (38,000)		18.03	(573)
Deicing Waste Drain System		LS	--		--	(220)
<u>SUPPORTING FACILITIES</u>						398
Electric Service		LS	--		--	(75)
Storm Drainage		LS	--		--	(65)
Site Imp(258) Demo()		LS	--		--	(258)
ESTIMATED CONTRACT COST						13,231
CONTINGENCY PERCENT (5.00%)						662
SUBTOTAL						13,893
SUPV, INSP & OVERHEAD (5.70%)						792
TOTAL REQUEST						14,685
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct the second of three phases (PH1B) of a comprehensive Arrival/Departure Air Control Group (A/DACG) Complex. Phase 1A, PN 62008 is in FY05, and Phase 2, PN 58087 will be in a future budget request. This project will provide required final site grading work for and construction of a lighted aircraft parking apron, capable of simultaneously parking six C-5 aircraft, and security fencing. Limited site utility support work will be required for this project, as most utility support and site grading will be accomplished under the Phase 1A project. This project does not include any inhabited facilities, so no anti-terrorism/force protection items are required. Access for individuals with disabilities is not required.						
11. REQ:		109,533 m2	ADQT:	NONE	SUBSTD:	15,050 m2
<u>PROJECT:</u> Construct the second of three phases of an Arrival/Departure Air Control Group (A/DACG) Complex. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to meet requirements for the Army's Power Projection Program (AP3) and to maintain a power projection capability sufficient to meet Joint Strategic Capabilities Plans (JSCP) or national contingency requirements. It provides the capability to rapidly deploy forces assigned to Fort Carson, or supported by the installation for mobilization and						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE A/DACG Complex Ph 1b	5. PROJECT NUMBER 52183	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>deployment, and Time Phased Force Deployment List (TPFDL) for air movement through the Fort Carson AP3 designated aerial port of embarkation (APOE), Peterson Air Force Base. Total deployable force consists of approximately 30,000 soldiers. The facility must be capable of supporting a maximum on ground (MOG) of six wide-body aircraft and the staging/processing for 1,200 soldiers. The facility will also be used to support training exercises and day-to-day operations, ensuring maximum readiness and real time movement of soldiers and equipment. To meet the movement timeline, the following requirements must be met: outdoor lighting for night operations; space to accomplish joint inspections, maintenance, ready line procedures, and manifesting and deployment briefings for up to 1,200 soldiers; space to maneuver military cargo vehicles, heavy equipment transporters, material handling equipment, and buses; space for mounting radio frequency interrogators; and indoor administrative space with latrine facilities, climate control capability, electrical power, and phone jacks.</p> <p><u>CURRENT SITUATION:</u> Current passenger holding and processing support operations are carried out using substandard and insufficient space in a former flightline hangar at Peterson AFB. Peterson AFB recently converted several thousand square feet of space in this same hangar into classroom and administrative space, thereby reducing the amount of space available for Army use to only 1,500 SF, capable of processing no more than 145 soldiers at a time. A small area of support paving adjacent to this hangar is the only area available on which to conduct joint inspection, maintenance, manifesting, and ready line procedures. Military cargo vehicles, commercial truck transports, and buses must be cycled in and out quickly due to a lack of parking space. No storage or parking of equipment on the flight line is permitted for any length of time due to the regular flow of traffic and area congestion.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, preparation, assembly, and deployment of soldiers, equipment, and supplies during contingency operations will be delayed because no permanent readiness deployment facility is available on Peterson AFB or the commercial airport complex. Also, preparation and safety checks for airborne training and exercises will continue to delay schedules and extend waiting times. Rapid deployments expected from the Fort Carson Power Projection Platform to meet contingency force deployment timelines and to support Defense Readiness Brigade mission metrics will not be possible.</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/force 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</p>		

1.COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
3.INSTALLATION AND LOCATION Fort Carson, Colorado		
4.PROJECT TITLE A/DACG Complex Ph 1b	5.PROJECT NUMBER 52183	

ADDITIONAL: (CONTINUED)

project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>JUN 2001</u>
(b) Percent Complete As Of January 2005.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2005</u>
(d) Date Design Complete.....	<u>SEP 2005</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>700</u>
(b) All Other Design Costs.....	<u>200</u>
(c) Total Design Cost.....	<u>900</u>
(d) Contract.....	<u>675</u>
(e) In-house.....	<u>225</u>

(4) Construction Contract Award..... MAR 2006

(5) Construction Start..... APR 2006

(6) Construction Completion..... JUL 2007

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE A/DACG Complex Ph 1b	5. PROJECT NUMBER 52183
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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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NONE

Installation Engineer: LTC Barrett Larwin
Phone Number: (719) 526-3415

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Fort Carson Colorado		4. PROJECT TITLE Shoothouse		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 57648		
8. PROJECT COST (\$000)				
		Auth 1,250		
		Approp 1,250		
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				828
Live Fire Exercise Shoothouse	EA	1 --	606,427	(606)
After Action Review Building	m2 (SF)	107.02 (1,152)	1,406	(150)
Separate Toilet/Shower Building	m2 (SF)	16.72 (180)	2,409	(40)
Building Information Systems	LS	--	--	(32)
<u>SUPPORTING FACILITIES</u>				294
Electric Service	LS	--	--	(52)
Paving, Walks, Curbs & Gutters	LS	--	--	(19)
Site Imp(136) Demo()	LS	--	--	(136)
Information Systems	LS	--	--	(87)
ESTIMATED CONTRACT COST				1,122
CONTINGENCY PERCENT (5.00%)				56
SUBTOTAL				1,178
SUPV, INSP & OVERHEAD (5.70%)				67
TOTAL REQUEST				1,245
TOTAL REQUEST (ROUNDED)				1,250
INSTALLED EQT-OTHER APPROP				()
10. Description of Proposed Construction Construct a standard design live-fire exercise shoothouse. The primary facilities include the shoothouse, a separate self-contained latrine, and a small after action review (AAR) building. Supporting facilities include electrical service, site utilities and site improvements. Access for individuals with disabilities is not required.				
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE				
PROJECT: Construct a shoothouse. (Current Mission)				
REQUIREMENT: This project is required to support urban training for units assigned to Fort Carson and other Active Army and Reserve units assigned for training. It is required to provide a simulated facility designed for training up to platoon-sized units in urban warfare. The training scenarios that will take place in the shoothouse will be designed for soldiers to gain skills in various clearing tasks typical of modern warfare in urban environments. The shoothouse will facilitate training for individual soldiers through a platoon-level unit. Fort Carson will require use of this facility for up to 242 training days a year.				

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER 57648
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CURRENT SITUATION: Fort Carson lacks state-of-the-art facilities of this type. The small, two room structure currently utilized by units assigned to Fort Carson provides only very limited instructional capabilities in house-to-house and room-to-room clearing and cannot accommodate the required platoon-level training exercise. Additionally, the existing facility used by Fort Carson for urban warfare training cannot support the advanced weapons and command and control systems used in today's Army, nor can they be used to realistically simulate combat scenarios. Current Army training doctrine dictates dismounted live-fire operations be integrated into larger battle scenarios.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson will not be able to support realistic modern urban warfare readiness training. Realistic simulation of situational awareness and target detection/engagement systems, event scenarios, and enhanced after action reviews will not be in place to provide soldiers the training they need to perform in an urban environment. The impact of not providing this project will be felt in decreased mission readiness and combat effectiveness for assigned Active Army units, and Army Guard and Reserve units as well.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Carson, Colorado

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER 57648
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>50</u>
(b) All Other Design Costs.....	<u>190</u>
(c) Total Design Cost.....	<u>240</u>
(d) Contract.....	<u>190</u>
(e) In-house.....	<u>50</u>
(4) Construction Contract Award.....	<u>JAN 2006</u>
(5) Construction Start.....	<u>FEB 2006</u>
(6) Construction Completion.....	<u>FEB 2007</u>

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

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

Installation Engineer: LTC Barrett Larwin
Phone Number: (719)526-3415

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Shoothouse (USASOC)		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 59668	8. PROJECT COST (\$000) Auth 1,250 Approp 1,250		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					991
Live Fire Exercise Shoothouse		EA	1 --	871,454	(871)
After Action Review Fac		m2 (SF)	65.03 (700)	1,468	(95)
Ammo Break Down		m2 (SF)	11.15 (120)	2,246	(25)
<u>SUPPORTING FACILITIES</u>					156
Electric Service		LS	--	--	(113)
Site Imp(35) Demo(8)		LS	--	--	(43)
ESTIMATED CONTRACT COST					1,147
CONTINGENCY PERCENT (5.00%)					57
SUBTOTAL					1,204
SUPV, INSP & OVERHEAD (5.70%)					69
TOTAL REQUEST					1,273
TOTAL REQUEST (ROUNDED)					1,250
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a modified design two-story, live-fire shoothouse. The primary facilities include the shoothouse, an ammunition breakdown building and an after-action review building. Supporting facilities include electric service and site improvements. Access for individuals with disabilities is not required. Demolish (1472 Total SF). Air Conditioning (Estimated 11 kW/3 Tons).					
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a shoothouse. (Current Mission)					
REQUIREMENT: This project is required to support urban training needs of the 10th Special Forces Group (SFG). This project will provide a simulated facility designed for training up to platoon-sized elements in urban warfare as part of the Army's Combined Arms Military Operations on Urbanized Terrain Task Force training strategy. Training scenarios to be employed will be designed for the 10th SFG warfighters to gain skills in various clearing tasks typical of modern warfare in urban environments. Additionally, the 10th SFG is required to certify yearly in Special Forces Advanced Urban Combat as directed by the Special Operations Command. This type of facility will greatly enhance completion of this requirement. Fort Carson will require use of this facility					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Shoothouse (USASOC)	5. PROJECT NUMBER 59668
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REQUIREMENT: (CONTINUED)

for up to 242 training days a year.

CURRENT SITUATION: Fort Carson lacks state-of-the-art facilities of this type. The existing facilities used by the 10th Special Forces Group for urban training cannot support the advanced weapons and command and control systems used in today's Army, nor can they be used to realistically simulate combat scenarios. In addition, current Army training doctrine dictates that dismounted live-fire operations be integrated into larger battle scenarios. The small, two room shoothouse structure currently utilized by other units assigned to Fort Carson provides only very limited instructional capabilities in house-to-house and room-to-room clearing and cannot accommodate the required platoon-level training exercise. These facilities are not suited for continuing use and must be replaced.

IMPACT IF NOT PROVIDED: If this project is not provided, members of the 10th SFG will continue to lack realistic modern urban warfare readiness training. Realistic simulation of situational awareness and target detection/engagement systems, event scenarios, and enhanced after action reviews will not be in place to provide soldiers the training they need to perform in an urban environment. The impact of not providing this project will be felt in the readiness level of the 10th SFG for modern urban warfare.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... DEC 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Shoothouse (USASOC)	5. PROJECT NUMBER 59668
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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.....	50
(b) All Other Design Costs.....	200
(c) Total Design Cost.....	250
(d) Contract.....	200
(e) In-house.....	50

(4) Construction Contract Award..... DEC 2005

(5) Construction Start..... JAN 2006

(6) Construction Completion..... JAN 2007

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 Barrett Larwin
Phone Number: (719)526-3415

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Georgia	Fort Benning (TRADOC/SERO)				51
55103	Combined Arms Collective Training Facility	20,961	20,961	C	53
55105	Infantry Platoon Battle Course	4,300	4,300	C	56
58963	Shoothouse	1,250	1,250	C	59
58964	Shoothouse (USASOC)	1,700	1,700	C	62
	Subtotal Fort Benning PART I	\$ 28,211	28,211		
	Fort Gillem (FORSCOM/SERO)				65
60335	Forensic Lab Addition	3,900	3,900	C	67
	Subtotal Fort Gillem PART I	\$ 3,900	3,900		
	Fort Stewart (FORSCOM/SERO)				71
57790	Urban Assault Course	1,350	1,350	C	73
57792	Shoothouse (USASOC)	1,250	1,250	C	76
61114	Barracks Complex	37,566	37,566	C	79
62146	Vehicle Maintenance Shop	17,814	17,814	C	82
	Subtotal Fort Stewart PART I	\$ 57,980	57,980		
	* TOTAL MCA FOR Georgia	\$ 90,091	90,091		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Southeast Region)			5. AREA CONSTRUCTION COST INDEX 0.80	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	1372	10201	2798	1213	13690	0	51 563 4748 34,636
B. END FY 2011	1361	10215	2785	1105	14106	0	46 573 4715 34,906
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	74,629 ha		(184,412 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							3,574,299
C. AUTHORIZATION NOT YET IN INVENTORY.....							433,769
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							28,211
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							498,280
H. GRAND TOTAL.....							4,534,559
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT						COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
179	55103	Combined Arms Collective Training Facility				20,961	01/2004 09/2005
178	55105	Infantry Platoon Battle Course				4,300	12/2003 08/2005
178	58964	Shoothouse (USASOC)				1,700	12/2003 09/2005
178	58963	Shoothouse				1,250	12/2003 09/2005
TOTAL						28,211	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. REQUESTED IN THE FY 2007 PROGRAM: NONE							
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A	
10. MISSION OR MAJOR FUNCTIONS:							
Provides support and facilities 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.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Fort Benning, Georgia

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
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 55103		8. PROJECT COST (\$000) Auth 20,961 Approp 20,961	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						18,208
Combined Arms Collec. Trng Fac.		EA	1 --		17831074	(17,831)
Range Operations Center		m2 (SF)	188.59 (2,030)		796.12	(150)
Latrine		m2 (SF)	18.02 (194)		1,580	(28)
After Action Review Building		m2 (SF)	263.29 (2,834)		658.11	(173)
Building Information Systems		LS	--		--	(26)
<u>SUPPORTING FACILITIES</u>						679
Electric Service		LS	--		--	(355)
Site Imp() Demo(26)		LS	--		--	(26)
Information Systems		LS	--		--	(265)
Antiterrorism/Force Protection		LS	--		--	(33)
ESTIMATED CONTRACT COST						18,887
CONTINGENCY PERCENT (5.00%)						944
SUBTOTAL						19,831
SUPV, INSP & OVERHEAD (5.70%)						1,130
TOTAL REQUEST						20,961
TOTAL REQUEST (ROUNDED)						20,961
INSTALLED EQT-OTHER APPROP						(5,679)
10. Description of Proposed Construction Construct a modified standard design Combined Arms Collective Training Facility (CACTF) consisting of structures and mock utilities to simulate an urban setting. Primary Facilities include CACTF buildings, range operations center, after action review building and latrine. Supporting facilities include electric service and information systems. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Demolish (4792 Total SF). Air Conditioning (Estimated 42 kW/12 Tons).						
11. REQ:		1 EA	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a Combined Arms Collective Training Facility. (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. The facility will accommodate Force on Force (FOF) and Force on Targetry (FOT) engagements. This training facility integrates all major urban challenges into a single training complex. It						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 55103
--	--------------------------------

REQUIREMENT: (CONTINUED)

directly supports unit training and provides scenarios ranging from urban unrest, operations other than war, to multi-threat and mid intensity close in combat. 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.

CURRENT SITUATION: The need is 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. This optimizes previous training investment and further expands the training infrastructure at a reduced cost.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a significant adverse effect on 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.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Benning, Georgia

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 55103
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... SEP 2005
- (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 Stewart

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

- (a) Production of Plans and Specifications..... 850
- (b) All Other Design Costs..... 850
- (c) Total Design Cost..... 1,700
- (d) Contract..... 1,100
- (e) In-house..... 600

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... SEP 2007

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 System	OPA	2007	5,600
Info Sys - ISC	OPA	2007	79
		TOTAL	<u>5,679</u>

Installation Engineer: Craig Taylor
Phone Number: 706.545.3155

1.COMONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		30 JAN 2005

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Infantry Platoon Battle Course

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)
22212A	178	55105	Auth 4,300 Approp 4,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				1,175
Infantry Platoon Battle Course	FP	1 --	797,159	(797)
Range Support Facility	m2 (SF)	74.32 (800)	1,023	(76)
General Instruction Building	m2 (SF)	74.32 (800)	768.35	(57)
Operations/Storage Building	m2 (SF)	74.32 (800)	581.92	(43)
Latrine	m2 (SF)	18.58 (200)	1,508	(28)
Total from Continuation page				(174)
SUPPORTING FACILITIES				2,680
Electric Service	LS	--	--	(1,377)
Paving, Walks, Curbs & Gutters	LS	--	--	(572)
Site Imp(656) Demo()	LS	--	--	(656)
Information Systems	LS	--	--	(75)
ESTIMATED CONTRACT COST				3,855
CONTINGENCY PERCENT (5.00%)				193
SUBTOTAL				4,048
SUPV, INSP & OVERHEAD (5.70%)				231
TOTAL REQUEST				4,279
TOTAL REQUEST (ROUNDED)				4,300
INSTALLED EQT-OTHER APPROP				(1,070)

10. Description of Proposed Construction Construct a standard design Infantry Platoon Battle Course (IPBC). Primary facilities include the IPBC, range support facility, latrine, operations/storage building, general instruction building, ammunition breakdown building, bleacher enclosure, and covered mess. Support facilities costs are high due to project's distance from existing facilities. Support facilities include electric service and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Air Conditioning (Estimated 11 kW/3 Tons).

11. REQ: 1 FP ADQT: NONE SUBSTD: NONE
PROJECT: Construct an Infantry Platoon Battle Course Range. (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 at Fort Benning capable of supporting these training activities.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Infantry Platoon Battle Course	5. PROJECT NUMBER 55105
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ammunition Breakdown Building	m2 (SF)	11.15 (120)	1,140	(13)
Covered Bleachers	EA	1 --	101,642	(102)
Covered Mess	m2 (SF)	74.32 (800)	349.19	(26)
Building Information Systems	LS	--	--	(33)
			Total	174

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 for the Basic Officer Leader Course (BOLC). Units utilizing Fort Benning 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/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... DEC 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... AUG 2005
- (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 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Benning, Georgia

4. PROJECT TITLE Infantry Platoon Battle Course	5. PROJECT NUMBER 55105
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Benning

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	165
(b) All Other Design Costs.....	218
(c) Total Design Cost.....	383
(d) Contract.....	229
(e) In-house.....	154
(4) Construction Contract Award.....	JAN 2006
(5) Construction Start.....	MAR 2006
(6) Construction Completion.....	JUN 2007

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 Devices	OPA	2006	1,000
Info Sys - ISC	OPA	2007	70
		TOTAL	1,070

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Benning Georgia				4. PROJECT TITLE Shoothouse		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178		7. PROJECT NUMBER 58963		8. PROJECT COST (\$000) Auth 1,250 Approp 1,250
9. COST ESTIMATES						
ITEM			UM (M/E)	QUANTITY		COST (\$000)
<u>PRIMARY FACILITY</u>						936
Live Fire Exercise Shoothouse			EA	1 --		810,000 (810)
After Action Review Building			m2 (SF)	107.02 (1,152)		699.68 (75)
Operations/Storage Building			m2 (SF)	74.32 (800)		581.92 (43)
Building Information Systems			LS	--		-- (8)
<u>SUPPORTING FACILITIES</u>						171
Electric Service			LS	--		-- (47)
Paving, Walks, Curbs & Gutters			LS	--		-- (7)
Storm Drainage			LS	--		-- (27)
Site Imp(43) Demo(12)			LS	--		-- (55)
Information Systems			LS	--		-- (19)
Antiterrorism/Force Protection			LS	--		-- (16)
ESTIMATED CONTRACT COST						1,107
CONTINGENCY PERCENT (5.00%)						55
SUBTOTAL						1,162
SUPV, INSP & OVERHEAD (5.70%)						66
TOTAL REQUEST						1,228
TOTAL REQUEST (ROUNDED)						1,250
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design live-fire shoothouse. Primary facilities include the shoothouse, an after action review building and range operations and storage building. Supporting facilities include site utilities, electric service, and site improvements. Anti-terrorism/force protection (AT/FP) measures include fencing and gates at entrance road. Access for individuals with disabilities is not required. Demolish 1 Building (Total 340 m2/3,663 SF). Air Conditioning (Estimated 28 kW/8 Tons).						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE PROJECT: Construct a shoothouse. (Current Mission) REQUIREMENT: This project will provide a shoothouse training facility for Active Army, Reserve, and National Guard units training in tactics, techniques and procedures required for training in an urban environment under simulated full spectrum operational conditions. The Live Fire Shoothouse supports the Army's combined arms urban operations training strategy for conducting full spectrum operations (offense, defense, stability and support). It supports squad and platoon training, multiple scenarios, limited live fire capability, and close quarters marksmanship skills. Estimated loads/throughput is 4,600 soldiers annually.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER 58963
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CURRENT SITUATION: There is one Live Fire Shoothouse at Fort Benning that supports the Army's current urban operations training strategy. This structure is three-fourth the square foot area required by the Army and is not constructed of bullet-proof material.

IMPACT IF NOT PROVIDED: If this project is not provided, the installation will be unable to comply with the Army's current urban operations training strategy. Units utilizing Fort Benning will not be trained to standard in urban operations tactics, techniques, and procedures.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the best method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... DEC 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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 Bragg

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

- (a) Production of Plans and Specifications..... 65
- (b) All Other Design Costs..... 133
- (c) Total Design Cost..... 198
- (d) Contract..... 109
- (e) In-house..... 89

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER 58963
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... MAR 2007

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 2006	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION Fort Benning Georgia	4. PROJECT TITLE Shoothouse (USASOC)
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5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 58964	8. PROJECT COST (\$000) Auth 1,700 Approp 1,700
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				1,400
Live Fire Exercise Shoothouse Operations/Storage Building.	EA	1 --	1319790	(1,320)
Latrine	m2 (SF)	74.32 (800)	592.03	(44)
Building Information Systems	m2 (SF)	18.58 (200)	1,508	(28)
	LS	--	--	(8)
<u>SUPPORTING FACILITIES</u>				111
Electric Service	LS	--	--	(40)
Paving, Walks, Curbs & Gutters	LS	--	--	(7)
Storm Drainage	LS	--	--	(1)
Site Imp(14) Demo(11)	LS	--	--	(25)
Information Systems	LS	--	--	(22)
Antiterrorism/Force Protection	LS	--	--	(16)
ESTIMATED CONTRACT COST				1,511
CONTINGENCY PERCENT (5.00%)				76
SUBTOTAL				1,587
SUPV, INSP & OVERHEAD (5.70%)				90
TOTAL REQUEST				1,677
TOTAL REQUEST (ROUNDED)				1,700
INSTALLED EQT-OTHER APPROP				()

10. Description of Proposed Construction Construct a standard design live-fire shoothouse. Primary facilities include the shoothouse, operations and storage building and latrine. Supporting facilities include site utilities, electric service, and site improvements. Anti-terrorism/force protection (AT/FP) measures include fencing and gates at entrance road. Access for individuals with disabilities is not required. Demolish 1 Building (Total 312 m2/3,363 SF). Air Conditioning (Estimated 11 kW/3 Tons).

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE
PROJECT: Construct a shoothouse. (Current Mission)
REQUIREMENT: This project will provide a shoot house training facility for Special Operation Forces training in tactics, techniques and procedures required for training in an urban environment under simulated full spectrum operational conditions. The Live Fire Shoothouse supports the Army's combined arms urban operations training strategy for conducting full spectrum operations (offense, defense, stability and support). It supports squad and platoon training, multiple scenarios, limited live fire capability, and close quarters marksmanship skills. Estimated loads/throughput is 4,600 soldiers annually.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Shoothouse (USASOC)	5. PROJECT NUMBER 58964
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CURRENT SITUATION: There is one Live Fire Shoothouse currently at Fort Benning that supports the Army's current urban operations training strategy. This structure is three-fourth the square foot area required by the Army and is not constructed of bullet-proof material.

IMPACT IF NOT PROVIDED: If this project is not provided, the installation will be unable to comply with the Army's current urban operations training strategy. Special Operations Forces stationed on Fort Benning will not be trained to standard in urban operations tactics, techniques, and procedures.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... DEC 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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 Bragg

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

- (a) Production of Plans and Specifications..... 90
- (b) All Other Design Costs..... 106
- (c) Total Design Cost..... 196
- (d) Contract..... 109
- (e) In-house..... 87

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Benning, Georgia

4. PROJECT TITLE Shoothouse (USASOC)	5. PROJECT NUMBER 58964
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... MAR 2006
- (6) Construction Completion..... MAR 2007

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

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

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

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005			
3. INSTALLATION AND LOCATION Fort Gillem Georgia			4. COMMAND US Army Forces Command (Installation Mgt Agency, Southeast Region)				5. AREA CONSTRUCTION COST INDEX 0.93			
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	419	1481	629	0	0	0	34	48	1987	4,598
B. END FY 2011	414	1473	626	0	0	0	33	48	1995	4,589
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	0 ha			(0 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							0			
C. AUTHORIZATION NOT YET IN INVENTORY.....							52,150			
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							3,900			
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							0			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							32,000			
H. GRAND TOTAL.....							88,050			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
141	60335	Forensic Lab Addition				3,900	01/2004	06/2005		
TOTAL						3,900				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. REQUESTED IN THE FY 2007 PROGRAM: NONE										
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A				
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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Gillem Georgia				4. PROJECT TITLE Forensic Lab Addition		
5. PROGRAM ELEMENT 90152A		6. CATEGORY CODE 141	7. PROJECT NUMBER 60335		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>						3,084
Forensic Lab Addition		m2 (SF)	770 (8,288)		3,801	(2,927)
Antiterrorism/Force Protection		LS	--		--	(76)
IDS Installation		LS	--		--	(10)
EMCS Connection		LS	--		--	(12)
Building Information Systems		LS	--		--	(59)
<u>SUPPORTING FACILITIES</u>						449
Electric Service		LS	--		--	(299)
Water, Sewer, Gas		LS	--		--	(14)
Site Imp(23) Demo(102)		LS	--		--	(125)
Antiterrorism/Force Protection		LS	--		--	(11)
ESTIMATED CONTRACT COST						3,533
CONTINGENCY PERCENT (5.00%)						<u>177</u>
SUBTOTAL						3,710
SUPV, INSP & OVERHEAD (5.70%)						<u>211</u>
TOTAL REQUEST						3,921
TOTAL REQUEST (ROUNDED)						3,900
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a forensic laboratory addition to support a DNA analysis mission. This addition includes space for Combined DNA Index System (CODIS), communication network and DNA typing network computers; sample kit processing room; stain processing laboratory; DNA extraction, DNA amplification set up, and DNA amplification laboratories; examiner work stations; supply storage and long term file storage and sample freezer storage, DNA sample storage; technical library; display areas; applications development and training areas; and building information systems. Install an intrusion detection system and connect the facility to the existing Energy Monitoring and Control System. Supporting facilities include electrical, water and sewer service. Heat provided by a hot water boiler and provide mechanical exhaust systems in specified areas. Antiterrorist/Force Protection measures include laminated windows and door glass and use of appropriate standoff distances. Access for individuals with disabilities will be provided. (Demolish one building 10,551SF) Air Conditioning (Estimated 352 kW/100 Tons).						
11. REQ:		9,008 m2	ADQT:		NONE	SUBSTD: 6,749 m2
PROJECT: Construct an addition to the U.S. Army Criminal Investigation						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Gillem, Georgia		
4. PROJECT TITLE Forensic Lab Addition	5. PROJECT NUMBER 60335	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>Laboratory. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide adequate, specialized and climate-controlled laboratory space for DNA analysis by the Convicted Offender/CODIS (Combined DNA Index System) Section of the United States Army Criminal Investigation Laboratory (USACIL). The Secretary of Defense has assigned USACIL responsibility for implementing the DNA Analysis Backlog Elimination Act of 2000 on behalf of the Department of Defense. This mission requires USACIL to man, organize and equip its Convicted Offender/Combined DNA Index System (CODIS) Section. The mission of this section is to collect DNA samples from all military service members convicted by courts martial of qualifying military offenses, perform DNA analysis on each sample, and enter analysis results into the national CODIS database. Such forensic DNA identification analysis demands adherence to the highest analytical standards possible to protect both public safety and individual rights. Outsourcing the Convicted Offender/CODIS mission was considered as an alternative, but outsourcing does not eliminate the need for new construction because federal laws and regulations mandate that only government DNA examiners perform data entry and selected DNA analysis functions for which the specialized lab space is required. Additionally, there are no facilities, on or off the installation or at nearby installations, either adequate or available, that can satisfy this unique requirement. New construction is, therefore, the only feasible alternative to meeting this requirement.</p> <p><u>CURRENT SITUATION:</u> Along with all of the other US Army Criminal Investigation Laboratory (USACIL) elements, the Convicted Offender/CODIS Section, is currently located within a poorly-configured, cramped and deteriorated WWII-era warehouse modified in 1983 for the lab's use. Overall, the current facility has a shortfall of 24,036 gross square feet of modified laboratory and support space resulting in overcrowding that adversely affects efficiency and quality of investigative work. A new forensic laboratory was funded in fiscal year 2002 and is currently under construction, but does not include space for this function since this mission was received after the scope of the main laboratory project was approved. Additionally, the heating, ventilation and air conditioning systems in the current facility are entirely inadequate to support DNA analysis that demands adherence to the highest analytical standards. The lack of suitable climate control within the laboratory space creates a potential for contamination of DNA samples adversely impacting results and creates a safety hazard for investigators working with hazardous materials. In 2001, the American Society of Crime Laboratory Directors Laboratory Accreditation Board cited USACIL for five unsatisfactory facility conditions involving the lack of adequate space and improperly functioning heating/ventilation/air conditioning systems.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Convicted Offender/CODIS Section of the U.S. Army Criminal Investigation Laboratory (USACIL) would continue to operate in substandard space that fails to meet</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Gillem, Georgia

4. PROJECT TITLE Forensic Lab Addition	5. PROJECT NUMBER 60335
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IMPACT IF NOT PROVIDED: (CONTINUED)

national laboratory accreditation standards. The lack of necessary temperature, humidity and ventilation controls within the current facility creates a safety risk for investigators working with hazardous materials and increases the risk of DNA sample contamination adversely affecting the accuracy of DNA analysis. Additionally, continued operation in the current deteriorated WWII-era warehouse building, would increase the difficulty of recruiting and retaining highly skilled, certified DNA examiners. Most importantly, failure to provide the USACIL addition would complicate USACIL's national accreditation process with the possible worst-case outcome; the loss of USACIL's national accreditation. Loss of accreditation would adversely impact the ability of Department of Defense legal services to prosecute criminal cases essential for maintaining good order and discipline throughout the military services.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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. Mission requirements, operational considerations, and location are incompatible with use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 65.00
 - (c) Date 35% Designed..... OCT 2004
 - (d) Date Design Complete..... JUN 2005
 - (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..... 178

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Gillem, Georgia

4. PROJECT TITLE Forensic Lab Addition	5. PROJECT NUMBER 60335
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	246
(c) Total Design Cost.....	424
(d) Contract.....	288
(e) In-house.....	136
(4) Construction Contract Award.....	DEC 2005
(5) Construction Start.....	JAN 2006
(6) Construction Completion.....	JAN 2007

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: Kenneth Pugh
Phone Number: 404.464.2954

1. COMPONENT ARMY		FY 2006-2007 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. COMMAND US Army Forces Command (Installation Mgt Agency, Southeast Region)			5. AREA CONSTRUCTION COST INDEX 0.84	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 30 SEP 2004		1448	13344	1610	0	246	0
B. END FY 2011		1438	13151	1656	0	184	0
		22	206	3045	19,921		
		22	206	3045	19,702		
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		115,381 ha		(285,111 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						3,746,293	
C. AUTHORIZATION NOT YET IN INVENTORY.....						353,311	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						57,980	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						55,000	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						960,828	
H. GRAND TOTAL.....						5,173,412	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS	
CODE	NUMBER			(\$000)	START	COMPLETE	
178	57790	Urban Assault Course		1,350	01/2004	07/2005	
178	57792	Shoothouse (USASOC)		1,250	01/2004	07/2005	
721	61114	Barracks Complex		37,566	04/2004	06/2006	
214	62146	Vehicle Maintenance Shop		17,814	01/2004	09/2005	
TOTAL				57,980			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
178		Digital Multipurpose Range Complex		33,000			
179		Combined Arms Collective Training Facility		22,000			
TOTAL				55,000			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
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 Objectives. Major functions include: exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment;							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Stewart, Georgia										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) 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: <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1.COMONENT ARMY			FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 30 JAN 2005				
3.INSTALLATION AND LOCATION Fort Stewart Georgia					4.PROJECT TITLE Urban Assault Course					
5.PROGRAM ELEMENT 22212A			6.CATEGORY CODE 178		7.PROJECT NUMBER 57790		8.PROJECT COST (\$000) Auth 1,350 Approp 1,350			
9.COST ESTIMATES										
ITEM				UM (M/E)	QUANTITY			UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>									557	
Urban Assault Course				FP	5 --			89,980	(450)	
Latrine				m2 (SF)	17.93 (193)			2,529	(45)	
Operations/Storage Building				m2 (SF)	74.32 (800)			759.31	(56)	
Building Information Systems				LS	--			--	(6)	
<u>SUPPORTING FACILITIES</u>									643	
Electric Service				LS	--			--	(164)	
Water, Sewer, Gas				LS	--			--	(68)	
Paving, Walks, Curbs & Gutters				LS	--			--	(100)	
Storm Drainage				LS	--			--	(5)	
Site Imp(248) Demo(25)				LS	--			--	(273)	
Information Systems				LS	--			--	(33)	
ESTIMATED CONTRACT COST									1,200	
CONTINGENCY PERCENT (5.00%)									60	
SUBTOTAL									1,260	
SUPV, INSP & OVERHEAD (5.70%)									72	
TOTAL REQUEST									1,332	
TOTAL REQUEST (ROUNDED)									1,350	
INSTALLED EQT-OTHER APPROP									()	
10.Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities include the UAC, an operations/storage building, and a latrine. Supporting facilities will include electric service, site utilities, and site improvements. Appropriate anti-terrorism/force protection measures will be included. Access for individuals with disabilities is not required. Demolish 3 Buildings (Total 429 m2/4,620 SF). Air Conditioning (Estimated 18 kW/5 Tons).										
11. REQ: 5 FP ADQT: NONE SUBSTD: NONE										
PROJECT: Construct an Urban Assault Course. (Current Mission)										
REQUIREMENT: This project is required to provide facilities for urban operations training. The need for soldiers trained in urban and underground warfare continues to increase. The 3rd Infantry Division and XVIII Airborne Corps units stationed at Fort Stewart and various Reserve and National Guard units which train there under the installation's new designation as a Warfighter Center are part of the force mix. Fort Stewart has received a high priority to implement the part of the urban operations training strategy that stresses live training at home station.										

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 57790
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CURRENT SITUATION: No facilities currently exist at Fort Stewart that can provide this type of training.

IMPACT IF NOT PROVIDED: If this project is not provided, the 3rd Infantry Division and other units which train at Fort Stewart will not be able to meet the training needs of a deployable ready combat force. Realistic simulation of situational awareness and target detection/discrimination in an urban environment will not be able to be performed, and the soldiers assigned to these units will be unable to develop the necessary skills needed for today's modern Army.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other Executive Orders. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that the project has been considered for joint use potential. This 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JAN 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... JUL 2005
 - (e) Parametric Cost Estimating Used to Develop Costs _____ YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 66
 - (b) All Other Design Costs..... 124
 - (c) Total Design Cost..... 190
 - (d) Contract..... 114
 - (e) In-house..... 76

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005								
3. INSTALLATION AND LOCATION Fort Stewart, Georgia										
4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 57790									
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p>A. Estimated Design Data: (Continued)</p> <p>(4) Construction Contract Award..... <u>JAN 2006</u></p> <p>(5) Construction Start..... <u>MAR 2006</u></p> <p>(6) Construction Completion..... <u>MAR 2007</u></p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table data-bbox="289 850 1502 1008"> <thead> <tr> <th data-bbox="289 884 483 940"><u>Equipment</u> <u>Nomenclature</u></th> <th data-bbox="768 884 976 940"><u>Procuring</u> <u>Appropriation</u></th> <th data-bbox="1166 850 1360 940"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th data-bbox="1406 884 1502 940"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="846 982 881 1008">NA</td> </tr> </tbody> </table> <p style="text-align: right;">Installation Engineer: Mr. Michael W. Biering Phone Number: (912) 767-8356</p>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										

1. COMPONENT ARMY	FY 2006	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION Fort Stewart Georgia	4. PROJECT TITLE Shoothouse (USASOC)
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5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 57792	8. PROJECT COST (\$000) Auth 1,250 Approp 1,250
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				987
Shoothouse	EA	1 --	783,360	(783)
Command/Control/AAR	m2 (SF)	107.02 (1,152)	850.27	(91)
Maintenance/Storage Building	m2 (SF)	74.32 (800)	731.11	(54)
Latrine	m2 (SF)	17.93 (193)	3,265	(59)

<u>SUPPORTING FACILITIES</u>				153
Electric Service	LS	--	--	(63)
Site Imp(69) Demo(21)	LS	--	--	(90)

ESTIMATED CONTRACT COST	1,140
CONTINGENCY PERCENT (5.00%)	57
SUBTOTAL	1,197
SUPV, INSP & OVERHEAD (5.70%)	68
TOTAL REQUEST	1,265
TOTAL REQUEST (ROUNDED)	1,250
INSTALLED EQT-OTHER APPROP	()

10. Description of Proposed Construction Construct a modified standard design two-story Live Fire Exercise Shoothouse. Primary facilities include the shoothouse, a command and control/after action review (AAR) building, a maintenance/storage building, and a latrine. Supporting facilities for the project include electrical, sewage, communications, security lighting, fencing and other site improvements. Access for individuals with disabilities is not required. Demolish 1 Building (Total 230 m2/2,475 SF). Air Conditioning (Estimated 25 kW/7 Tons).

11. REQ: 1 EA ADQT: NONE SUBSTD: NONE
PROJECT: Construct a shoothouse. (Current mission.)
REQUIREMENT: This project is required to support the 1/75th Ranger BN in live fire urban warfare training. The need for soldiers trained in urban warfare continues to increase.
CURRENT SITUATION: No facility of this type currently exists at Fort Stewart. The one existing facility at Fort Stewart, called a Tire House, with any similarity to this facility, is not digital ready and cannot be used to realistically mimic potential combat scenarios for which these soldiers are required to train. There are no utilities or communications infrastructure at

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Shoothouse (USASOC)	5. PROJECT NUMBER 57792
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CURRENT SITUATION: (CONTINUED)

the Tire House site; therefore, the facility does not provide the capability to train, critique, and train again for the long periods of time necessary to acquire skills in building clearing and breaching actions in urban environments.

IMPACT IF NOT PROVIDED: If this facility is not provided, the soldiers of the 1/75th Ranger BN as well as the 3rd Infantry Division and Reserve and National Guard units that train at Fort Stewart will be unable to obtain this type of urban training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... JUL 2005
- (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..... 67
- (b) All Other Design Costs..... 68
- (c) Total Design Cost..... 135
- (d) Contract..... 81
- (e) In-house..... 54

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Shoothouse (USASOC)	5. PROJECT NUMBER 57792
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... MAR 2006
- (6) Construction Completion..... MAR 2007

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. PROJECT TITLE Barracks Complex			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 61114		8. PROJECT COST (\$000) Auth 37,566 Approp 37,566	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,936
Barracks		m2 (SF)	8,161 (87,840)		1,372	(11,196)
Battalion HQs Buildings, 2 EA		m2 (SF)	3,084 (33,196)		1,356	(4,182)
Company Ops Facilities, 3 EA		m2 (SF)	3,276 (35,264)		1,280	(4,193)
Covered Equip Layout Area		m2 (SF)	601.36 (6,473)		385.89	(232)
Widen W. 6th Street		m2 (SY)	14,632 (17,500)		124.08	(1,816)
Total from Continuation page						(4,317)
<u>SUPPORTING FACILITIES</u>						6,677
Electric Service		LS	--		--	(1,094)
Water, Sewer, Gas		LS	--		--	(1,099)
Paving, Walks, Curbs & Gutters		LS	--		--	(791)
Storm Drainage		LS	--		--	(652)
Site Imp(2,630) Demo()		LS	--		--	(2,630)
Information Systems		LS	--		--	(194)
Antiterrorism/Force Protection		LS	--		--	(217)
ESTIMATED CONTRACT COST						32,613
CONTINGENCY PERCENT (5.00%)						<u>1,631</u>
SUBTOTAL						34,244
SUPV, INSP & OVERHEAD (5.70%)						1,952
DESIGN/BUILD - DESIGN COST						<u>1,370</u>
TOTAL REQUEST						37,566
TOTAL REQUEST (ROUNDED)						37,566
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a barracks complex consisting of barracks, two battalion headquarters with classrooms, and company operations facilities (3 companies). Provide fire protection and alarm systems. Provide connections with the energy monitoring and control system (EMCS) and intrusion detection system. Provide interior communications and building information systems. Widen West 6th Street to four lanes. Supporting facilities include electric, security lighting, water, sewer and natural gas services; fire protection; paving, POV parking areas, service roads, walks, curbs and gutters; storm drainage; information systems, to include fiber optic cable; lightning protection systems; site improvements, running trail and landscaping. Antiterrorism/force protection will be provided by resistance to progressive collapse, special windows and doors, and site measures. Heat (dual fueled) and air condition via two new energy plants. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 2,110 kW/600 Tons).						
11. REQ:		5,400 PN	ADQT:		5,160 PN	SUBSTD: 240 PN
PROJECT: Construct a barracks complex. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 61114
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Heating/Cooling Plants	EA	2 --	1549219	(3,098)
IDS Connection	LS	--	--	(24)
EMCS Connection	LS	--	--	(78)
Antiterrorism/Force Protection	LS	--	--	(633)
Building Information Systems	LS	--	--	(484)
			Total	4,317

REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 240 soldiers. The intended utilization is 186 Junior Enlisted and 27 Sergeants.

CURRENT SITUATION: The existing barracks are overcrowded (three soldiers in a two-soldier module). The existing operational facilities are too small; and the administrative facilities have inefficient layouts and are too small.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard conditions, which will adversely impact morale.

ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$26M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Ft Stewart, GA. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 0 personnel at this installation.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 61114
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2004
- (b) Percent Complete As Of January 2005..... 20.00
- (c) Date 35% Designed..... MAR 2006
- (d) Date Design Complete..... JUN 2006
- (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..... 700
- (b) All Other Design Costs..... 380
- (c) Total Design Cost..... 1,080
- (d) Contract..... _____
- (e) In-house..... 1,080

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... JUN 2006

(6) Construction Completion..... JUN 2008

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>(\$000)</u>

NA

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 214	7. PROJECT NUMBER 62146		8. PROJECT COST (\$000) Auth 17,814 Approp 17,814	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,626
Vehicle Maintenance Shop		m2 (SF)	6,973 (75,056)		1,188	(8,285)
Company Operations Facility		m2 (SF)	1,017 (10,951)		1,223	(1,244)
Covered Equipment Layout Area		m2 (SF)	155.24 (1,671)		386.64	(60)
Oil Storage Building		m2 (SF)	55.74 (600)		833.80	(46)
Organizational Storage Bldg		m2 (SF)	2,009 (21,630)		613.55	(1,233)
Total from Continuation page						(2,758)
<u>SUPPORTING FACILITIES</u>						2,424
Electric Service		LS	--		--	(465)
Water, Sewer, Gas		LS	--		--	(252)
Paving, Walks, Curbs & Gutters		LS	--		--	(386)
Storm Drainage		LS	--		--	(147)
Site Imp(1,120) Demo()		LS	--		--	(1,120)
Information Systems		LS	--		--	(23)
Antiterrorism/Force Protection		LS	--		--	(31)
ESTIMATED CONTRACT COST						16,050
CONTINGENCY PERCENT (5.00%)						803
SUBTOTAL						16,853
SUPV, INSP & OVERHEAD (5.70%)						961
TOTAL REQUEST						17,814
TOTAL REQUEST (ROUNDED)						17,814
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct an organizational/direct support vehicle maintenance facility (VMF) complex to include maintenance facility and Company Operations Facility (COF); organizational storage building; shop apron and tactical vehicle hardstand; open storage area; oil storage building, fuel truck retention pad, hazardous material storage building and waste oil storage tank. Construct paved tank trail. Provide bridge cranes, fire detection, alarm and suppression systems, exhaust system, compressed air system and quick lube system. Install intrusion detection system (IDS), energy monitoring and control systems (EMCS) and mass notification systems. Provide building information and communications systems. Construct elevated water storage tank with pump house and electrical substation. Supporting facilities include electrical, water, sewer, natural gas services, security lighting, information systems, fire protection, industrial waste system with oil/water separators, storm sewer system, POV parking, striping, curb and gutter, sidewalks; dumpster pads with enclosures, site preparation, erosion control/grassing, landscaping, security fencing with perimeter gravel strip, and signage. Provide Antiterrorism/force protection measures consisting of laminated windows, bollards, security fencing, exterior security lighting, and minimum standoffs from roads, POV parking areas and other buildings. Heat by						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Fort Stewart, Georgia				
4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 62146			
9. <u>COST ESTIMATES (CONTINUED)</u>				
			Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>	Item	UM (M/E)	QUANTITY	
Org Veh Parking, 10" Concrete	m2 (SY)	14,319 (17,125)	53.82	(771)
10" Concrete Tank Trail	m2 (SY)	8,559 (10,236)	53.82	(461)
Elevated Water Stg Tk 500K Gal	EA	1 --	896,722	(897)
Electric Substation	kVA(KVA)	5,000 (5,000)	61.81	(309)
IDS Installation	LS	--	--	(15)
Antiterrorism/Force Protection	LS	--	--	(201)
EMCS Connection	LS	--	--	(20)
Building Information Systems	LS	--	--	(84)
			Total	2,758
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
self-contained units. Air conditioning to be provided in the administrative areas. Provide mechanical ventilation in repair bays. All utilities will be metered. Access for individuals with disabilities will be provided in administrative areas. Air Conditioning (Estimated 141 kW/40 Tons).				
11. REQ:	101,767 m2	ADQT:	21,422 m2	SUBSTD: 48,981 m2
<u>PROJECT:</u> Construct a vehicle maintenance shop. (Current Mission)				
<u>REQUIREMENT:</u> This project is required to provide adequate vehicle maintenance facilities along with supporting unit level administration facilities. The facility provides both direct support and organizational level maintenance support to tactical vehicles and equipment organic to the battalion.				
<u>CURRENT SITUATION:</u> The unit Forward Support Battalion assigned maintenance functions currently occupy permanent facilities in the west wing of the garrison area and are remotely located. The shops have deteriorated over time and, in general, are in a dilapidated condition. The buildings lack sufficient adequate overhead lift capacity, proper heating, ventilation and cooling, fire protection systems, adequate lighting, and are not in compliance with the current VMF standard design criteria.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, vehicle maintenance operations will continue to occupy facilities that lack the essentials necessary for adequately performing maintenance and repair on the assigned vehicles. The battalion will continue to lack adequate space for storage of mission essential equipment. Vehicle maintenance will continue to be performed in deteriorated buildings with major heating, ventilation, and safety deficiencies. The lack of adequate maintenance and equipment storage facilities will degrade operational efficiencies and as well as hamper the unit's readiness capabilities.				
<u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design				

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 62146
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ADDITIONAL: (CONTINUED)

was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

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

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

- (a) Production of Plans and Specifications..... 400
- (b) All Other Design Costs..... 180
- (c) Total Design Cost..... 580
- (d) Contract..... 450
- (e) In-house..... 130

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... FEB 2006

(6) Construction Completion..... AUG 2007

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Stewart, Georgia

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 62146
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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>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: Mr. Michael Biering
Phone Number: 912-767-8356

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Hawaii	Schofield Barracks (USARPAC/PARO)				89
57035	Barracks Complex Ph 1	48,000	48,000	C	91
58143	Modified Urban Assault Course	5,900	5,900	N	94
58942	Vehicle Maintenance Facility Incr 2	0	24,656	N	98
	Helemano Military Reservation				
58815	Drum Road Upgrade Ph 2	0	41,000	N	101
	Pohakuloa Training Area				
57197	Battle Area Complex	34,000	34,000	N	104
57414	Tactical Vehicle Wash Facility	9,300	9,300	N	108
	Subtotal Schofield Barracks PART I	\$ 97,200	162,856		
	* TOTAL MCA FOR Hawaii	\$ 97,200	162,856		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii			4. COMMAND US Army Pacific (Installation Mgt Agency, Pacific Region)			5. AREA CONSTRUCTION COST INDEX 1.67	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	1400	11455	1476	0	127	0	240 2992 3194 20,884
B. END FY 2011	1470	12207	1438	0	108	0	240 2985 3131 21,579
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	51,074 ha		(126,206 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						4,996,146	
C. AUTHORIZATION NOT YET IN INVENTORY.....						926,597	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						97,200	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						39,000	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						7,500	
G. REMAINING DEFICIENCY.....						239,148	
H. GRAND TOTAL.....						6,305,591	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	57035	Barracks Complex Ph 1		48,000	04/2004	09/2005	
178	57197	Battle Area Complex		34,000	08/2004	09/2005	
149	57414	Tactical Vehicle Wash Facility		9,300	09/2003	09/2005	
178	58143	Modified Urban Assault Course		5,900	01/2004	08/2005	
214	58942	Vehicle Maintenance Facility Incr 2		24,656	01/2003	10/2004	
851	58815	Drum Road Upgrade Ph 2		41,000	08/2003	06/2006	
				TOTAL	162,856		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
721		Barracks Complex Ph 2		39,000			
				TOTAL	39,000		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):							
149		Tactical Vehicle Wash Facility		7,500			
				TOTAL	7,500		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Schofield Barracks, Hawaii

10. MISSION OR MAJOR FUNCTIONS:

Schofield Barracks garrisons the 25th Infantry Division (Light), United States Army Hawaii and their supporting organizations including 45th Corps Support Group and U.S. Army Military Police Brigade - Hawaii. It provides on-post army family housing (RCI units) for approximately 3400 families. Support includes training ranges, and maneuver areas, and it is a mobilization station for the 9th Regional Readiness Command and Hawaii National Guard.

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii				4. PROJECT TITLE Barracks Complex Ph 1		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 57035		8. PROJECT COST (\$000) Auth 48,000 Approp 48,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						36,397
Barracks		m2 (SF)	8,640 (93,000)		2,659	(22,973)
Company Ops Facilities, 4 EA		m2 (SF)	4,032 (43,400)		2,534	(10,218)
Fire pump house		m2 (SF)	37.16 (400)		1,990	(74)
IDS Installation		LS	--		--	(22)
Antiterrorism/Force Protection		LS	--		--	(2,206)
Building Information Systems		LS	--		--	(904)
<u>SUPPORTING FACILITIES</u>						6,720
Electric Service		LS	--		--	(429)
Water, Sewer, Gas		LS	--		--	(1,012)
Steam And/Or Chilled Water Dist		LS	--		--	(563)
Paving, Walks, Curbs & Gutters		LS	--		--	(841)
Storm Drainage		LS	--		--	(951)
Site Imp(1,126) Demo(1,476)		LS	--		--	(2,602)
Information Systems		LS	--		--	(312)
Antiterrorism/Force Protection		LS	--		--	(10)
ESTIMATED CONTRACT COST						43,117
CONTINGENCY PERCENT (5.00%)						<u>2,156</u>
SUBTOTAL						45,273
SUPV, INSP & OVERHEAD (6.50%)						<u>2,943</u>
TOTAL REQUEST						48,216
TOTAL REQUEST (ROUNDED)						48,000
INSTALLED EQT-OTHER APPROP						(3,482)
10. Description of Proposed Construction Construct a standard design barracks complex with barracks (six stories) and four medium company operations facilities. Phase 2 (PN 58294) will be programed in a future budget request. Intrusion detection system (IDS) will be installed for all arms vaults in the Company Operations Facilities. Mass notification system will be installed for all buildings. Construct covered soldier gear wash areas adjacent to the COF's for cleaning of personal military gear and used as a formation area during inclement weather. A fire pump house with a diesel driven fire pump and fuel storage tank are required in order to ensure that this project will have sufficient water supply and pressure for the required fire demand. Antiterrorism/force protection will be provided by resistance to progressive collapse, special windows and doors, and site measures. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; site improvements; and road improvements. Access for individuals with disabilities will be provided in public areas. Air conditioning will be provided for all buildings, except the pump house. Demolish two buildings (102,236 SF) and basketball court within the footprint in Quad I. Asbestos abatement for removal of vinyl asbestos tile flooring is required prior to the						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE Barracks Complex Ph 1	5. PROJECT NUMBER 57035
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
demolition of existing buildings located at the site. Air Conditioning (Estimated 844 kW/240 Tons).

11. REQ: 5,304 PN ADQT: 3,808 PN SUBSTD: 1,496 PN
PROJECT: Construct a barracks complex (Current Mission)
REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 240 soldiers. The intended utilization is 186 Junior Enlisted, and 27 Sergeants.
CURRENT SITUATION: The existing gang latrine barracks are old and deteriorated. The existing operational facilities are too small and located in the barracks.
IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.
During the past two years, \$7M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Schofield Barracks. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 1,256 personnel at this installation.

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2004
(b) Percent Complete As Of January 2005..... 35.00
(c) Date 35% Designed..... DEC 2004
(d) Date Design Complete..... SEP 2005
(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

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Schofield Barracks, Hawaii

4. PROJECT TITLE Barracks Complex Ph 1	5. PROJECT NUMBER 57035
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
documented during the final design.

- (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Schofield Barracks
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,400
 - (b) All Other Design Costs..... 1,000
 - (c) Total Design Cost..... 3,400
 - (d) Contract..... 150
 - (e) In-house..... 3,250
- (4) Construction Contract Award..... DEC 2005
- (5) Construction Start..... JAN 2006
- (6) Construction Completion..... APR 2008

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	2007	2,205
Info Sys - PROP	OPA	2007	1,277
		TOTAL	3,482

Installation Engineer: COL Floyd A Quintana
Phone Number: (808) 656-1289

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii			4. PROJECT TITLE Modified Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 58143	8. PROJECT COST (\$000) Auth 5,900 Approp 5,900		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,788
Urban Assault Course		FP	5 --	408,365	(2,042)
Shoothouse		EA	1 --	799,995	(800)
Breach Facility		EA	1 --	366,000	(366)
After Action Review Building		m2 (SF)	74 (796.53)	2,600	(192)
Operations/Storage Building		m2 (SF)	74 (796.53)	2,550	(189)
Total from Continuation page					(199)
<u>SUPPORTING FACILITIES</u>					1,492
Electric Service		LS	--	--	(871)
Paving, Walks, Curbs & Gutters		LS	--	--	(99)
Site Imp(199) Demo(180)		LS	--	--	(379)
Information Systems		LS	--	--	(143)
ESTIMATED CONTRACT COST					5,280
CONTINGENCY PERCENT (5.00%)					264
SUBTOTAL					5,544
SUPV, INSP & OVERHEAD (6.50%)					360
TOTAL REQUEST					5,904
TOTAL REQUEST (ROUNDED)					5,900
INSTALLED EQT-OTHER APPROP					(1,227)
10. Description of Proposed Construction Construct a modified standard design live-fire training facility. Primary facilities include the urban assault course (UAC), shoothouse, breach facility, after action review (AAR) building, operations/storage building, and dual sex dry vault latrine. Supporting facilities include electric service, site utilities, and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Demolish 2 Buildings (Total 2,426 m2/26,114 SF). Air Conditioning (Estimated 70 kW/20 Tons).					
11. REQ: 5 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an Urban Assault Course (UAC), including a Breach Facility and Live Fire Shoothouse. (New Mission)					
REQUIREMENT: This project will allow units to achieve squad to platoon effectiveness in combined arms urban operation training strategy under full spectrum operations (offensive, defensive, stability and support). The live fire shoothouse portion of this project allows squads through platoons to train independent, decentralized operations. The Urban Assault Course, the Breach Facility and the Live Fire Shoothouse all support the combined arms					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE

Modified Urban Assault Course

5. PROJECT NUMBER

58143

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	22 (236.81)	5,000	(110)
Building Information Systems	LS	--	--	(89)
			Total	199

REQUIREMENT: (CONTINUED)

urban operations training strategy for conducting full spectrum operations (offense, defense, stability and support) detailed in Training Circular 90-1, Urban Operations Training. They support squad and platoon training, multiple scenarios, all breaching tasks, limited live fire capability, and close quarters marksmanship skills described in Field Manual 3-23.9, "M16A1 and M16A2 Rifle Marksmanship." This range is designed to satisfy the training requirements for the Mobile Gun System, Light Armored Vehicle, and Reconnaissance Armored Vehicle crews, to defeat stationary and moving targets in a tactical array. It also supports dismounted infantry training.

CURRENT SITUATION: The current MOUT Assault Course (MAC) is not designed to support the current urban operations training strategy. Basic design and targetry are inadequate to efficiently train close quarters marksmanship skills. There is neither a Breach Facility, Live Fire Shootouse nor an Urban Assault Course (UAC) currently at Schofield Barracks to support the current urban operations training strategy.

IMPACT IF NOT PROVIDED: If this project is not provided, combat units and commanders will not fully attain the degree of proficiency required for successful combat, and command and control in complex MOUT terrain.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE Modified Urban Assault Course	5. PROJECT NUMBER 58143
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... JAN 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... AUG 2005
 - (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 A P Hill

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

- (a) Production of Plans and Specifications..... 350
- (b) All Other Design Costs..... 274
- (c) Total Design Cost..... 624
- (d) Contract..... 350
- (e) In-house..... 274

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... FEB 2006

(6) Construction Completion..... JUN 2007

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	2006	1,115
Info Sys - ISC	OPA	2007	41
Info Sys - PROP	OPA	2007	71
		TOTAL	<u>1,227</u>

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii		
4. PROJECT TITLE Modified Urban Assault Course	5. PROJECT NUMBER 58143	
<p style="text-align: center;">Installation Engineer: COL Floyd A. Quintana Phone Number: 808-656-1175</p>		

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii			4. PROJECT TITLE Vehicle Maintenance Facility Incr 2		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 214	7. PROJECT NUMBER 58942	8. PROJECT COST (\$000) Auth Approp 24,656		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					41,221
Vehicle Maintenance Shops		m2 (SF)	7,893 (84,955)	2,404	(18,974)
Organization Vehicle Parking		m2 (SF)	164,486 (1770513)	60.00	(9,869)
Deployment Equip Storage Bldgs		m2 (SF)	7,432 (79,997)	1,215	(9,030)
POL Storage Sheds		m2 (SF)	217.39 (2,340)	1,412	(307)
Hazardous Material Storage		m2 (SF)	44.59 (479.96)	2,704	(121)
Total from Continuation page					(2,920)
<u>SUPPORTING FACILITIES</u>					24,647
Electric Service		LS	--	--	(3,475)
Water, Sewer, Gas		LS	--	--	(6,149)
Paving, Walks, Curbs & Gutters		LS	--	--	(3,351)
Storm Drainage		LS	--	--	(3,588)
Site Imp(4,406) Demo(2,342)		LS	--	--	(6,748)
Information Systems		LS	--	--	(1,336)
ESTIMATED CONTRACT COST					65,868
CONTINGENCY PERCENT (5.00%)					<u>3,293</u>
SUBTOTAL					69,161
SUPV, INSP & OVERHEAD (6.50%)					<u>4,495</u>
TOTAL REQUEST					73,656
TOTAL REQUEST (ROUNDED)					74,000
INSTALLED EQT-OTHER APPROP					(1,624)
10. Description of Proposed Construction This project was fully authorized in FY2005 (PN 57421) for \$74 million, and received appropriation for \$49 million. This request is the second and final increment of funding. Construct a standard-design vehicle maintenance facility consisting of organizational and direct support vehicle maintenance shops. The facility includes tactical equipment maintenance shops with repair bays and separate administrative area, arms room, shop control, overhead cranes; communication rooms, petroleum, oil and lubricants (POL) facilities; deployment equipment storage facilities; hazardous materials storage facility and telecom shelters; oil-water separators; hardstand and organizational vehicle parking areas. The antiterrorism/force protection measures include installation of laminated glass at all exterior windows and glazed doors and structural upgrade of exterior walls, columns, and beams. Install intrusion detection systems (IDS) for all arms rooms and a closed circuit television system for the motor pool complex. Supporting facilities includes utilities; electric service; security lighting and fencing; sanitary sewer; storm drainage; fire protection and alarm systems; paving, walks, curbs and gutters; parking; roadways; information systems; and site improvements. Base infrastructure improvements include the addition of a new one-million gallon water storage tank, a new					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005			
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii					
4. PROJECT TITLE Vehicle Maintenance Facility Incr 2	5. PROJECT NUMBER 58942				
9. <u>COST ESTIMATES (CONTINUED)</u>					
	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	
<u>PRIMARY FACILITY (CONTINUED)</u>					
Latrine Building	m2 (SF)	18.17 (195.58)	3,618	(66)	
Precast Telecom Shelter	EA	2 --	90,181	(180)	
Antiterrorism/Force Protection	LS	--	--	(197)	
IDS Installation	LS	--	--	(59)	
Building Information Systems	LS	--	--	(2,418)	
			Total	2,920	
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>					
water booster pump station, sewer booster pump station, and sewer main improvements. Demolish 94 Buildings (Total 15,613 m2/168,057 SF). Air Conditioning (Estimated 598 kW/170 Tons).					
<u>11. REQ:</u>	18,016 m2	<u>ADQT:</u>	NONE	<u>SUBSTD:</u>	18,016 m2
<u>PROJECT:</u> Construct a standard design vehicle maintenance facility. (New Mission)					
<u>REQUIREMENT:</u> This project is required to provide tactical vehicle maintenance facilities that meet current Army Standards to support the 25th Infantry Division (Light). The brigade motorpool will support maintenance personnel and parking for the unit's estimated 1,600 vehicles.					
<u>CURRENT SITUATION:</u> Currently, there are no existing motorpool facilities that can be expanded or renovated to meet current Army Standards.					
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the 25th Infantry personnel will not have motorpool facilities to adequately maintain their equipment. This will adversely affect their training and mission readiness. Existing facilities and utility infrastructure will continue to degrade and additional repairs to maintain them will increase.					
<u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Schofield Barracks, Hawaii

4. PROJECT TITLE Vehicle Maintenance Facility Incr 2	5. PROJECT NUMBER 58942
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JAN 2003
 - (b) Percent Complete As Of January 2005..... 100.00
 - (c) Date 35% Designed..... OCT 2003
 - (d) Date Design Complete..... OCT 2004
 - (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 Lewis

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 3,323
 - (b) All Other Design Costs..... 2,678
 - (c) Total Design Cost..... 6,001
 - (d) Contract..... 817
 - (e) In-house..... 5,184

- (4) Construction Contract Award..... APR 2005
- (5) Construction Start..... MAY 2005
- (6) Construction Completion..... MAY 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
IDS Device	OPA	2006	35
CCTV	OPA	2006	31
Info Sys - ISC	OPA	2007	521
Info Sys - PROP	OPA	2007	1,037
		TOTAL	<u>1,624</u>

Installation Engineer: COL Floyd A Quintana
Phone Number: (808) 656-1289

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Helemano Military Reservation Hawaii (Schofield Barracks)				4. PROJECT TITLE Drum Road Upgrade Ph 2		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 851	7. PROJECT NUMBER 58815		8. PROJECT COST (\$000) Auth Approp 41,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						46,437
Roads, Surfaced		km (MI)	37.02 (23)		1043581	(38,628)
Vehicle Bridge		m2 (SF)	2,776 (29,880)		2,813	(7,809)
<u>SUPPORTING FACILITIES</u>						12,342
Storm Drainage		LS	--		--	(7,238)
Site Imp(5,104) Demo()		LS	--		--	(5,104)
ESTIMATED CONTRACT COST						58,779
CONTINGENCY PERCENT (5.00%)						<u>2,939</u>
SUBTOTAL						61,718
SUPV, INSP & OVERHEAD (6.50%)						4,012
DESIGN/BUILD - DESIGN COST						<u>2,469</u>
TOTAL REQUEST						68,199
TOTAL REQUEST (ROUNDED)						68,000
INSTALLED EQT-OTHER APPROP						(4,520)
10. Description of Proposed Construction This project was fully authorized in FY2005 for \$68 million, and received appropriation for \$27 million. This request is an appropriation request for \$41 million to complete this project. Realign, widen and repave the existing dirt and gravel road which runs from the end of the paved road at Helemano Military Reservation (HMR) to the end of the paved road at Kahuku Training Area (KTA). Work includes widening the road to 24 feet and providing three-foot compacted gravel shoulders on both sides, realigning dangerous blind curves, regrading to correct steep slopes and provide drainage improvements, providing guard rails at drop offs and storm drainage structures and lines to preclude excessive amounts of storm runoff from sheet flowing over the road and endangering vehicular traffic. Sitework includes clearing, grubbing, grading, stockpiling of material for embankments, and new telecommunications and electrical conduits (funded by other appropriations, Army (OPA))which will run alongside the upgraded roadway.						
11. REQ:		37 km	ADQT:		NONE	SUBSTD: NONE
PROJECT: Upgrade Drum Road from Helemano Military Reservation (HMR) to Kahuku Training Area (KTA). (New Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Helemano Military Reservation, Hawaii (Schofield Barracks)

4. PROJECT TITLE Drum Road Upgrade Ph 2	5. PROJECT NUMBER 58815
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REQUIREMENT: This project is required to provide a safe access road for military personnel engaged in training activities to get from HMR to their training areas (KTA).

CURRENT SITUATION: Access to Kahuku Training Area for military training activities is currently via an existing dirt, coral and/or gravel road which runs from Helemano Military Reservation to the Kahuku Training Area. The existing dirt and gravel road is approximately 15 ft wide with no shoulders. The existing unpaved road has blind curves and slopes steeper than 9%, which are hazardous to troops traversing these roads. Portions of this unpaved road become impassable during rain storms requiring troops to obtain temporary easements to traverse private properties (for access to and from the existing access road) and to traverse the public roads for portions of their journey. Military caravans traversing the existing public roads (only one two-lane highway exists between HMR & KTA) slow down the flow of all traffic on the highway and create dangerous situations for cars attempting to pass the large caravan with the potential for head-on crashes to occur.

IMPACT IF NOT PROVIDED: If this project is not provided, the steep and narrow dirt roadway with hazardous blind curves will continue to be unsafe, deteriorate further and wash out during storms. Not providing the project places the safety and readiness of our military troops in jeopardy, as well as the safety of the general public. During certain weather conditions, driving to the primary maneuver training area on Oahu will be impossible.

ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2003
 - (b) Percent Complete As Of January 2005..... 20.00
 - (c) Date 35% Designed..... MAR 2006
 - (d) Date Design Complete..... JUN 2006
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Helemano Military Reservation, Hawaii (Schofield Barracks)

4. PROJECT TITLE Drum Road Upgrade Ph 2	5. PROJECT NUMBER 58815
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications..... 3,789

(b) All Other Design Costs..... 1,398

(c) Total Design Cost..... 5,187

(d) Contract..... 3,709

(e) In-house..... 1,478

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... JUN 2006

(6) Construction Completion..... JUL 2008

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	2007	4,520
		TOTAL	<u>4,520</u>

Installation Engineer: COL Floyd A Quintana
Phone Number: 808-656-1289

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Pohakuloa Training Area Hawaii (Schofield Barracks)			4. PROJECT TITLE Battle Area Complex		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 57197	8. PROJECT COST (\$000) Auth 34,000 Approp 34,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					26,415
Battle Area Complex - BAX		LN	2 --	12119075	(24,238)
Range Control Center		m2 (SF)	189 (2,034)	2,251	(425)
After Action Review Building		m2 (SF)	263 (2,831)	2,267	(596)
Ammo Breakdown Building		m2 (SF)	11 (118.40)	3,152	(35)
Ammo Loading Dock		EA	1 --	32,200	(32)
Total from Continuation page					(1,089)
<u>SUPPORTING FACILITIES</u>					4,141
Electric Service		LS	--	--	(664)
Paving, Walks, Curbs & Gutters		LS	--	--	(79)
Site Imp(3,144) Demo(28)		LS	--	--	(3,172)
Information Systems		LS	--	--	(226)
ESTIMATED CONTRACT COST					30,556
CONTINGENCY PERCENT (5.00%)					<u>1,528</u>
SUBTOTAL					32,084
SUPV, INSP & OVERHEAD (6.50%)					<u>2,085</u>
TOTAL REQUEST					34,169
TOTAL REQUEST (ROUNDED)					34,000
INSTALLED EQT-OTHER APPROP					(16,755)
10. Description of Proposed Construction Construct a standard design Battle Area Complex (BAX) designed for gunnery training and qualification requirements. Primary facilities include the BAX, range control center, range camera tower, after action review building, ammunition breakdown building, ammunition loading dock, operations/storage building, latrine, covered mess, battery maintenance building, and bleacher enclosure. Supporting facilities include electric service and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Demolish 1 Building (Total 24 m2/258 SF). Air Conditioning (Estimated 70 kW/20 Tons).					
11. REQ: 2 LN ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a Battle Area Complex (BAX). (New Mission)					
REQUIREMENT: This project is necessary to meet the training requirements of the 25th Infantry Division (Light). This project allows the units to train dispersed and decentralized, conduct precision operations to the battalion level, integrate long range combat multipliers with dismounted operations, and allow the synchronization of mobile gun system support by fire operations with decisive dismounted infantry maneuver. This range also accommodates the					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Pohakuloa Training Area, Hawaii (Schofield Barracks)				
4. PROJECT TITLE Battle Area Complex	5. PROJECT NUMBER 57197			
9. <u>COST ESTIMATES (CONTINUED)</u>				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Operations/Srorage Building	m2 (SF)	74 (796.53)	2,079	(154)
Latrine	m2 (SF)	22 (236.81)	5,000	(110)
Covered Mess	m2 (SF)	74 (796.53)	1,251	(93)
Battery Maintenance Building	m2 (SF)	200 (2,153)	2,680	(536)
Bleacher Enclosure	m2 (SF)	55 (592.02)	1,553	(85)
Building Information Systems	LS	--	--	<u>(111)</u>
			Total	1,089
<u>REQUIREMENT: (CONTINUED)</u>				
<p>specific and unique training requirement to meet gunnery training and qualification requirements for various weapons systems employed by the 25th ID(L), including training operations as dismounted infantry platoon tactical live-fire operations either independent of, or simultaneously with, supporting vehicles. It will also serve Marine Corps, Army Reserve, and Army National Guard units. This facility will also satisfy the requirement for zeroing and boresighting the 105-millimeter main gun on the Medium Gun System. The facility will contain digital information and telecommunication technologies to safely track and manage all forces undergoing individual and collective live-fire training qualifications, dry firing, and sub-caliber engagements. Aviation and air defense artillery will conduct live fire training on the range.</p>				
<p><u>CURRENT SITUATION:</u> No facility of this type currently exists in Hawaii. Current facilities on Oahu and the Big Island were designed and constructed to support either the current light infantry configuration or armored forces previously stationed in Hawaii.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the soldiers of the 25th ID(L) will receive substandard training in a less-than-realistic training environment. Commanders will continue to be forced to modify training objectives due to the current lack of modernized and automated training facilities. Without this project, there will be no linking of live training to constructive and virtual training environments. Success in training will hinge largely on this Battle Area Complex, leveraging advances in simulation systems to provide more realistic target engagement during combat scenarios and information technology, which can manage and track the exercise. The combat readiness of the 25th ID(L) will be severely degraded due to a lack of realistic training.</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/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the</p>				

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Pohakuloa Training Area, Hawaii (Schofield Barracks)

4. PROJECT TITLE Battle Area Complex	5. PROJECT NUMBER 57197
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ADDITIONAL: (CONTINUED)

most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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 Wainwright

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

- (a) Production of Plans and Specifications..... 1,176
- (b) All Other Design Costs..... 1,344
- (c) Total Design Cost..... 2,520
- (d) Contract..... 1,680
- (e) In-house..... 840

(4) Construction Contract Award..... FEB 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... MAR 2008

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Pohakuloa Training Area, Hawaii (Schofield Barracks)

4. PROJECT TITLE Battle Area Complex	5. PROJECT NUMBER 57197
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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	2007	16,600
Info Sys - ISC	OPA	2007	73
Info Sys - PROP	OPA	2007	82
		TOTAL	<u>16,755</u>

Installation Engineer: COL Floyd A Quintana
Phone Number: 808-656-1289

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Pohakuloa Training Area Hawaii (Schofield Barracks)			4. PROJECT TITLE Tactical Vehicle Wash Facility		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 149	7. PROJECT NUMBER 57414	8. PROJECT COST (\$000) Auth 9,300 Approp 9,300		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,170
Centralized Wash Facility		LS	--	--	(2,018)
Sediment Basin		LS	--	--	(834)
Water Supply Tank		LS	--	--	(318)
<u>SUPPORTING FACILITIES</u>					5,185
Electric Service		LS	--	--	(359)
Water, Sewer, Gas		LS	--	--	(471)
Paving, Walks, Curbs & Gutters		LS	--	--	(643)
Storm Drainage		LS	--	--	(74)
Site Imp(3,638) Demo()		LS	--	--	(3,638)
ESTIMATED CONTRACT COST					8,355
CONTINGENCY PERCENT (5.00%)					<u>418</u>
SUBTOTAL					8,773
SUPV, INSP & OVERHEAD (6.50%)					<u>570</u>
TOTAL REQUEST					9,343
TOTAL REQUEST (ROUNDED)					9,300
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a tactical vehicle wash facility with four wash stations. The primary facility will consist of the preparation area and wash stations. The wash stations will utilize a high-pressure wash system and will recycle water to minimize wastewater disposal. The water to be treated will include oil and grease removal, grit removal and organic control. A structure will be provided to house the mechanical secondary treatment units and the control panels necessary for the facility. Supporting facilities include utilities, paving, curbing and site improvements. Access for individuals with disabilities is not required.					
11. REQ: 4 EA ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a Tactical Vehicle Wash Facility. (New Mission)					
REQUIREMENT: The project is required to prevent the spread of native vegetation to other areas. The project will also provide a washing station using reclaimed water to reduce overall water usage. The facility will remove any plant seeds and large clumps of soil that may have accumulated on the vehicles from the training area. The facility is designed to wash 540 vehicles within three 10-hour workdays at 180 vehicles per day. Each vehicle is estimated to be washed in 15 minutes including time to maneuver into the wash					

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005																						
3. INSTALLATION AND LOCATION Pohakuloa Training Area, Hawaii (Schofield Barracks)																									
4. PROJECT TITLE Tactical Vehicle Wash Facility		5. PROJECT NUMBER 57414																							
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>station. It will use double-tower wash islands with 2 wash hoses at each wash station.</p> <p><u>CURRENT SITUATION:</u> There is no wash facility at Pohakuloa Training Area (PTA).</p> <p><u>IMPACT IF NOT PROVIDED:</u> The vehicles will track excess mud onto the adjoining roadway systems, and contribute to the spread of undesirable vegetation either into PTA, or from PTA to other islands. This may have a negative impact on the surrounding communities. Water to wash the vehicles will have to be imported to the washing sites at every exercise to clean the vehicles as they come off the Range. The runoff from the vehicles will also have an environmental impact to the surrounding drainage way.</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/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>																									
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table> <tr> <td>(a) Date Design Started.....</td> <td><u>SEP 2003</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2005.....</td> <td><u>60.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>NOV 2004</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>SEP 2005</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table> <tr> <td>(a) Production of Plans and Specifications.....</td> <td><u>500</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td><u>291</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td><u>791</u></td> </tr> <tr> <td>(d) Contract.....</td> <td><u>500</u></td> </tr> <tr> <td>(e) In-house.....</td> <td><u>291</u></td> </tr> </table>				(a) Date Design Started.....	<u>SEP 2003</u>	(b) Percent Complete As Of January 2005.....	<u>60.00</u>	(c) Date 35% Designed.....	<u>NOV 2004</u>	(d) Date Design Complete.....	<u>SEP 2005</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>500</u>	(b) All Other Design Costs.....	<u>291</u>	(c) Total Design Cost.....	<u>791</u>	(d) Contract.....	<u>500</u>	(e) In-house.....	<u>291</u>
(a) Date Design Started.....	<u>SEP 2003</u>																								
(b) Percent Complete As Of January 2005.....	<u>60.00</u>																								
(c) Date 35% Designed.....	<u>NOV 2004</u>																								
(d) Date Design Complete.....	<u>SEP 2005</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>500</u>																								
(b) All Other Design Costs.....	<u>291</u>																								
(c) Total Design Cost.....	<u>791</u>																								
(d) Contract.....	<u>500</u>																								
(e) In-house.....	<u>291</u>																								

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Pohakuloa Training Area, Hawaii (Schofield Barracks)

4. PROJECT TITLE Tactical Vehicle Wash Facility	5. PROJECT NUMBER 57414
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... FEB 2006
- (6) Construction Completion..... JUL 2007

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: COL Floyd A Quintana
Phone Number: (808) 656-1289

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)		NEW/			
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----	-----
Kansas		Fort Leavenworth (TRADOC/NWRO)				113
	59010	Lewis & Clark Instructional Fac Incr 3	0	42,642	C	115
		Subtotal Fort Leavenworth PART I	\$ 0	42,642		
		Fort Riley (FORSCOM/NWRO)				121
	55119	Digital Multipurpose Training Range	17,500	17,500	C	123
	57826	Deployment Facility Ramp Expansion	5,500	5,500	C	127
		Subtotal Fort Riley PART I	\$ 23,000	23,000		
		* TOTAL MCA FOR Kansas	\$ 23,000	65,642		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005			
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas			4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Northwest Region)			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 30 SEP 2004	1003	1260	1334	1688	40	61	291	551	2269	8,497
B. END FY 2011	1010	1269	1300	1646	34	62	292	553	2303	8,469
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....			2,281 ha			(5,637 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							1,611,630			
C. AUTHORIZATION NOT YET IN INVENTORY.....							191,593			
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							0			
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							0			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							1,008,267			
H. GRAND TOTAL.....							2,811,490			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
171	59010	Lewis & Clark Instructional Fac Incr 3		42,642		02/2002	11/2003			
				TOTAL		42,642				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE					(\$000)					
A. REQUESTED IN THE FY 2007 PROGRAM: NONE										
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A						
10. MISSION OR MAJOR FUNCTIONS:										
<p>The Combined Arms Center provides leadership and command supervision for leader development and professional military/civilian education, institutional and collective training, battle command, all Army doctrine, and specified areas designated by the TRADOC Commander in order to serve as catalyst for change and to support developing relevant and ready land formations with a campaign capability in support of the Joint Force Commander.</p>										

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Fort Leavenworth, Kansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 30 JAN 2005	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas			4.PROJECT TITLE Lewis & Clark Instructional Fac Incr 3			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 171	7.PROJECT NUMBER 59010		8.PROJECT COST (\$000) Auth Approp 42,642	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						77,422
CGSC Instructional Facility		m2 (SF)	36,042 (387,958)		1,824	(65,736)
Special Foundations		LS	--		--	(2,910)
Antiterrorism Force Protection		LS	--		--	(1,443)
EMCS Connection		LS	--		--	(194)
IDS Installation		LS	--		--	(163)
Total from Continuation page						(6,976)
<u>SUPPORTING FACILITIES</u>						25,873
Electric Service		LS	--		--	(2,601)
Water, Sewer, Gas		LS	--		--	(923)
Paving, Walks, Curbs & Gutters		LS	--		--	(4,352)
Storm Drainage		LS	--		--	(879)
Site Imp(9,885) Demo(5,149)		LS	--		--	(15,034)
Information Systems		LS	--		--	(360)
Antiterrorism/Force Protection		LS	--		--	(1,724)
ESTIMATED CONTRACT COST						103,295
CONTINGENCY PERCENT (5.00%)						<u>5,165</u>
SUBTOTAL						108,460
SUPV, INSP & OVERHEAD (5.70%)						<u>6,182</u>
TOTAL REQUEST						114,642
TOTAL REQUEST (ROUNDED)						115,000
INSTALLED EQT-OTHER APPROP						(20,199)
10.Description of Proposed Construction This project is incrementally funded. Full authorization of \$115M was approved in FY2004 (PN 51174), along with Increment 1 funding of \$28M. Increment 2 funding of \$44M was requested in FY2005 (PN 56449). This project, Increment 3, requests \$42.642M in FY2006. Construct a Command and General Staff College (CGSC) instructional facility with modern classrooms modeled on the current Classroom XXI, a language laboratory and presentation room; administrative and faculty offices; classrooms; conference rooms; two auditoriums; secure compartmented information facility; electronic access control system, restrooms, mechanical and electrical room(s), and storage areas. The historically significant stained glass windows in Bell Hall will be removed, restored, and reinstalled in the new facility. Install an intrusion detection system (IDS). Connect to an existing energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; relocation of an existing road; construct a new road with an access control point; information systems; data links to key post facilities and site improvements. Heating and air conditioning will be provided from new heating and air conditioning system. Antiterrorism/force protection measures will be included. Access for						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4. PROJECT TITLE Lewis & Clark Instructional Fac Incr 3	5. PROJECT NUMBER 59010
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Remove/Recond./Install Windo	LS	--	--	(478)
Commisioning of Building HVAC	LS	--	--	(250)
Building Information Systems	LS	--	--	(6,248)
			Total	6,976

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

individuals with disabilities will be provided. The new road will be constructed in the initial phase and building demolition and site clean up in the final phase. Archeological survey will be accomplished with other appropriations. Supporting facilities cost is high due to transformer station upgrade, the length of electric service lines, extensive demolition with hazardous material abatement, and extensive earthwork required to prepare the site including large quantities of off-site borrow material. Demolish 1 Building (Total 35,094 m2/377,748 SF). Air Conditioning (Estimated 6,331 kW/1,800 Tons).

11. REQ: 48,625 m2 ADQT: 12,582 m2 SUBSTD: 36,042 m2

PROJECT: Construct a Command and General Staff College instructional facility. (Current Mission)

REQUIREMENT: This project will replace Bell Hall, a severely deteriorated substandard academic facility and the Army's only intermediate level teaching facility. This project is required to provide a facility servicing the Army's future leaders, sister services, Reserve Components and a select number of International Officers. It is required to provide administrative and support space for approximately 682 staff, faculty and contractor personnel including tenant units/organizations and space for distance learning capabilities to support 30 staff groups. Classroom space requirements at any one time for resident CGSOC is 96 staff groups. This project is required to meet the requirements for Joint Accreditation as required by the Goldwater-Nichols Act, and North Central Association of Schools and Colleges requirements for award of the Masters of Military Arts and Science degree. It is required to provide classrooms accommodating the most current Training and Doctrine Command Classroom XXI, including computer power and communications support for every faculty member and student.

CURRENT SITUATION: Bell Hall was constructed in 1958 and although major repair and renovation initiatives over the last 20 years extended its life, deteriorated physical plant, patchwork communications infrastructure, and outdated building technology cannot support the new warfighting instructional methods contained in Classroom XXI. Hazardous materials, including asbestos and lead based paint, exist in many areas posing a potential health risk. The

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas		
4. PROJECT TITLE Lewis & Clark Instructional Fac Incr 3	5. PROJECT NUMBER 59010	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>structure is not properly braced to resist lateral or seismic forces. Building egress is inadequate and fails to meet current life safety standards. Interior finish materials and wall assemblies fail to meet life safety code requirements for fire resistive construction. In the event of a fire, these code violations could result in significant property loss and increase the risk of personal injury or loss of life. Heating, ventilation and air conditioning (HVAC), electrical and plumbing systems fail regularly, resulting in service outages, high maintenance costs, and operational inefficiencies. Electrical panels and circuits are overloaded and generally in poor condition. Full compliance with current mechanical and electrical code requirements cannot be attained without significant expense and impact on CGSC operations. The existing facility is also energy inefficient. The exterior enclosure of Bell Hall is poorly insulated, windows are single pane, sashes/frames are broken, and mechanical/lighting systems are outdated. Additionally, the facility does not adequately accommodate persons with disabilities. The existing communications infrastructure is an obsolete and poorly functioning patchwork of improvements made during the last four decades. This system cannot support current voice and data transmission requirements or the instructional methodology mandated by Classroom XXI. The current classrooms were designed to accommodate a 1:64 faculty/student ratio (approximately 44 NSF/student). These classrooms do not adequately support Classroom XXI. The CGSOC staff group concept envisions a 1:16 faculty/student ratio. As an interim measure each existing CGSOC classroom has been subdivided into four areas (quads), but the size of these partitioned areas is significantly less than the Classroom XXI standard. These partitioned areas also adversely affect HVAC distribution, resulting in a poor learning environment. The present facility provides, on average, only four duplex outlets and telephone jacks per classroom. The Classroom XXI initiative requires one outlet/communications jack per student and faculty member. Additionally, the current offices no longer adequately support the CGSC mission. Three faculty members occupy many offices designed for two. This overcrowding has an adverse impact on the efficiency and flexibility of the CGSC staff. Consequently, faculty members often view the facility as hampering, rather than supporting, the CGSC mission.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, deterioration of the existing mechanical, electrical and communications systems will accelerate, increasing the probability of a major system failure. Complete failure of one or more building systems would result in curtailment or suspension of CGSC operations. Classroom XXI will not be fully executed. Students and faculty safety may be compromised due to inadequate building egress, lack of flame resistive construction, and inadequate fire containment features. Hazardous materials, including asbestos and lead paint, will continue to be a potential health risk. Student and faculty access to state-of-the-art technology required to teach advanced warfighting skills will</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas		
4. PROJECT TITLE Lewis & Clark Instructional Fac Incr 3	5. PROJECT NUMBER 59010	
<p><u>IMPACT IF NOT PROVIDED:</u> (CONTINUED)</p> <p>remain limited due to the existing facility deficiencies. Administrative offices will remain overcrowded and lack basic support for automation.</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/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... FEB 2002</p> <p>(b) Percent Complete As Of January 2005..... 100.00</p> <p>(c) Date 35% Designed..... JUL 2002</p> <p>(d) Date Design Complete..... NOV 2003</p> <p>(e) Parametric Cost Estimating Used to Develop Costs YES</p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... 5,300</p> <p>(b) All Other Design Costs..... 1,700</p> <p>(c) Total Design Cost..... 7,000</p> <p>(d) Contract..... 5,000</p> <p>(e) In-house..... 2,000</p> <p>(4) Construction Contract Award..... MAR 2004</p> <p>(5) Construction Start..... APR 2004</p> <p>(6) Construction Completion..... JAN 2007</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4. PROJECT TITLE Lewis & Clark Instructional Fac Incr 3	5. PROJECT NUMBER 59010
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS Equipment	OPA	2005	2,719
Equipment and Devices	OPA	2005	369
Common Bldg Devices	OPA	2005	1,250
Classroom AV/DL Req (92)	OPA	2005	5,364
CAS3 DL Suites (30)	OPA	2005	557
Conf Rm AV/Automation	OPA	2005	145
Auditorium AV/Auto (2)	OPA	2005	292
Staff and Fac Auto (609)	OPA	2005	800
Computer/Language Lab (2)	OPA	2005	184
SSSO Classroom AV/Auto (2)	OPA	2005	89
System Integration	OPA	2005	1,302
Info Sys - ISC	OPA	2007	230
Info Sys - PROP	OPA	2007	6,898
		TOTAL	20,199

Installation Engineer: LTC Jeffrey D Williamson
Phone Number: 913- 684-5646

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. COMMAND US Army Forces Command (Installation Mgt Agency, Northwest Region)			5. AREA CONSTRUCTION COST INDEX 1.08	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	1050	8914	1706	0	10	0	
B. END FY 2011	1045	8873	1829	0	10	0	
						17	
						156	
						3266	
						15,119	
						17	
						156	
						3365	
						15,295	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	40,734 ha		(100,656 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						2,974,307	
C. AUTHORIZATION NOT YET IN INVENTORY.....						346,305	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						23,000	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						36,600	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						312,692	
H. GRAND TOTAL.....						3,692,904	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
178	55119	Digital Multipurpose Training Range		17,500	07/2004	09/2005	
113	57826	Deployment Facility Ramp Expansion		5,500	06/2004	09/2005	
				TOTAL	23,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
721	Barracks Complex			32,000			
141	Deployment Support Facility			4,600			
				TOTAL	36,600		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							
10. MISSION OR MAJOR FUNCTIONS:							
Fort Riley's mission is to provide training, readiness, and deployment support for two Brigade Combat Teams, one Engineer Group and other Corps forces; serve as higher headquarters providing Training / Readiness Oversight, pre- and post-mobilization validation for three enhanced Separate Brigades and other combat forces as assigned; provide planning, mobilization, validation and demobilization for Active Component (AC) and Reserve Component (RC) units and individuals; and provide a safe and secure environment							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Riley, Kansas										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) and exemplary well-being for soldiers, civilians and their families.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Digital Multipurpose Training Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 55119		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>						13,471
Digital Multipurpose Range		LN	3 --		3926344	(11,779)
Range Support Building		m2 (SF)	74.32 (800)		1,617	(120)
Range Operations Center		m2 (SF)	200.67 (2,160)		1,617	(325)
Ammo Loading/Unloading Dock		EA	1 --		43,503	(44)
Latrines, 2 EA		m2 (SF)	48.31 (520)		2,937	(142)
Total from Continuation page						(1,061)
<u>SUPPORTING FACILITIES</u>						2,343
Electric Service		LS	--		--	(718)
Water, Sewer, Gas		LS	--		--	(14)
Paving, Walks, Curbs & Gutters		LS	--		--	(203)
Storm Drainage		LS	--		--	(134)
Site Imp(969) Demo(34)		LS	--		--	(1,003)
Information Systems		LS	--		--	(239)
Antiterrorism/Force Protection		LS	--		--	(32)
ESTIMATED CONTRACT COST						15,814
CONTINGENCY PERCENT (5.00%)						791
SUBTOTAL						16,605
SUPV, INSP & OVERHEAD (5.70%)						946
TOTAL REQUEST						17,551
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						(10,833)
10. Description of Proposed Construction Construct a standard design Digital Multipurpose Training Range (DMPTR). Primary facility structures include Range Operations Control (ROC) facility, After Action Review (AAR) facility, field latrine, ammo transfer dock, stationary gunnery range, and a surfaced staging area. Primary facility force protection measures include laminated safety glass. Supporting facilities include electric service, site utilities, and site improvements. Supporting facility force protection includes security fencing and gates. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Demolish 1 Building (Total 381 m2/4,099 SF). Air Conditioning (Estimated 169 kW/48 Tons).						
<u>11. REQ:</u>		3 LN	ADQT:		NONE	SUBSTD: NONE
<u>PROJECT:</u> Construct a Digital Multi-Purpose Training Range. (Current Mission)						
<u>REQUIREMENT:</u> The Digital Multi-Purpose Training Range is required to train and test crews and dismounted infantry squads on the skills necessary to detect, identify, engage and defeat stationary and moving targets in a tactical array. This complex is designed to satisfy the training and qualification requirements for the crews of armor, infantry and aviation						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Riley, Kansas

4. PROJECT TITLE Digital Multipurpose Training Range	5. PROJECT NUMBER 55119
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Range Staging Area	m2 (SY)	5,017 (6,000)	31.43	(158)
Stationary Gunnery Range	EA	1 --	836,597	(837)
Antiterrorism/Force Protection	LS	--	--	(26)
Building Information Systems	LS	--	--	(40)
			Total	1,061

REQUIREMENT: (CONTINUED)

units. Range also supports dismounted infantry squad tactical live-fire operations with supporting combat vehicles. The DMPRC will be embedded with the necessary information and telecommunications technologies to safely manage all personnel undergoing crew Live Fire training and qualification. Range will integrate Electronic Positioning Location Radio System (EPLRS), Single Channel Ground Airborne Radio System (SINCGARS), System Improvement Program (SIP), and other technical architecture necessary for supporting the full range of digital systems. All targets are fully automated, utilizing event-specific, computer-driven target scenarios and scoring. Targets will receive and transmit digital data from the range operations center. Scoring of engagement scenarios against established standards including audio and video imagery is captured and then compiled to conduct after action reviews (AAR) of all live fire exercises. The DMPTR must accommodate the full range of target practice munitions employed by the armor and Bradley platforms. The average daily load/training throughput is 11.5 crews per day.

CURRENT SITUATION: Current Multi-Purpose Training Range (MPTR) Range 18C is constructed on a ridge with firing oriented into the impact area. Range is too short and cannot be extended down range due to the impact area and can not be extended behind the firing line due to the ridge mass. This is a non-standard range equipped with 17-20 year old targetry systems that do not provide the required capabilities needed to fully challenge crews and train and test crews to the weapons systems full capabilities. Current range facilities cannot support live-fire training requirements for the M1 series tank or the M2/M3 Bradley Fighting Vehicle. The current ranges do not support the advanced weapons and command and control systems being fielded by the Digitized Force. Existing ranges are not capable of processing digital information, nor do they possess the systems to provide digital situational feedback to firing vehicles and units. Present targetry will not interact with either the firing element or the Range Operations Center Command and Control System.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be significant adverse impacts on Fort Riley's ability to support the armor and infantry crew training and qualifications requirements. Combat units and reserve forces training here will not be fully trained to the level required

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION Fort Riley, Kansas	
--	--

4. PROJECT TITLE Digital Multipurpose Training Range	5. PROJECT NUMBER 55119
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IMPACT IF NOT PROVIDED: (CONTINUED)
to meet mission realities of current and future deployments.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:
- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JUL 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... DEC 2004
 - (d) Date Design Complete..... SEP 2005
 - (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 Hood
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 947
 - (b) All Other Design Costs..... 403
 - (c) Total Design Cost..... 1,350
 - (d) Contract..... 403
 - (e) In-house..... 947
 - (4) Construction Contract Award..... JAN 2006
 - (5) Construction Start..... FEB 2006
 - (6) Construction Completion..... APR 2008

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Riley, Kansas

4. PROJECT TITLE Digital Multipurpose Training Range	5. PROJECT NUMBER 55119
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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>
DMPTR Targetry/AAR Equip	OPA	2007	6,800
Targetry	OPA	2006	4,000
Info Sys - ISC	OPA	2007	33
		TOTAL	10,833

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Deployment Facility Ramp Expansion			
5. PROGRAM ELEMENT 46029A		6. CATEGORY CODE 113	7. PROJECT NUMBER 57826		8. PROJECT COST (\$000) Auth 5,500 Approp 5,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,145
Airfield Aprons, Concrete		m2 (SY)	44,733 (53,500)		71.06	(3,179)
Airfield Operations Building		m2 (SF)	185.81 (2,000)		2,476	(460)
Cargo Staging Area		m2 (SY)	4,431 (5,300)		59.19	(262)
Organizational Vehicle Parking		m2 (SY)	4,181 (5,000)		53.82	(225)
Antiterrorism/Force Protection		LS	--		--	(1)
Building Information Systems		LS	--		--	(18)
<u>SUPPORTING FACILITIES</u>						803
Electric Service		LS	--		--	(127)
Water, Sewer, Gas		LS	--		--	(27)
Paving, Walks, Curbs & Gutters		LS	--		--	(62)
Storm Drainage		LS	--		--	(407)
Site Imp(125) Demo()		LS	--		--	(125)
Information Systems		LS	--		--	(8)
Antiterrorism/Force Protection		LS	--		--	(47)
ESTIMATED CONTRACT COST						4,948
CONTINGENCY PERCENT (5.00%)						247
SUBTOTAL						5,195
SUPV, INSP & OVERHEAD (5.70%)						296
TOTAL REQUEST						5,491
TOTAL REQUEST (ROUNDED)						5,500
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct aircraft parking aprons, cargo staging area, operations facility and organizational parking. Force protection measures include blast resistant glazing and restraint of overhead equipment. Supporting facilities include utility connections; underground electric service; ramp lighting; fire protection; roads, walks, and curbs; storm drainage; information systems; and site improvements. Supporting force protection measures include exterior lighting, access control facility and fencing. Access for individuals with disabilities is not required. Removal of existing pavement is required. Heating and air conditioning will be provided by self contained units. Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		49,164 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct a military aircraft ramp. (Current Mission)						
REQUIREMENT: This project is required to facilitate the rapid deployment of active duty and Reserve Forces from Fort Riley, including the Quick Reaction Force (QRF) for Homeland Defense. The QRF mission requires an Infantry Company to be airborne within 4 hours. Manhattan airport is adjacent to the installation on the east boundary and located approximately 15 minutes distant. The military ramp is required to accommodate a minimum of two						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Deployment Facility Ramp Expansion	5. PROJECT NUMBER 57826	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>military aircraft without impeding civilian traffic. In addition to the ramp space required, a small administrative facility must also be constructed to facilitate Command and Control. The Departure Airfield Control Group will work out of this building and require computer access to facilitate command and control. Additionally, a paved parking area is needed to stage various pieces of equipment for movement. The parking area will also be used to park both commercial and Transportation Motor Pool (TMP) buses.</p> <p><u>CURRENT SITUATION:</u> The current civilian ramp can handle no more than two aircraft at a time. Manhattan airport serves as the alternate Aerial Port of Embarkation for Fort Riley and routinely handles 50 percent of all charter aircraft serving the installation yearly. It routinely supports deployment exercises, National Training Center (NTC), and periodic contingency deployments. Commercial buses used to move soldiers are located on an access road to the terminal and loaded through a card-activated electric gate. Heavy cargo, such as the M1 main battle tanks, are transported by heavy equipment transporters and are unloaded on the road in front of the terminal building. Civilian passengers using the airport for scheduled airline travel must detour around the unloading equipment. This area is unsecured. Once unloaded from truck transports, the equipment is moved to the flight line for loading through the card-activated gate. The fixed base operator possesses a conveyor belt and baggage is loaded/unloaded into military equipment utilizing this equipment. Command and Control operations are currently run out of the fixed base operator space or the airport manager's office and terminal lobby.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Fort Riley will not be able to deploy the QRF within the 4 hours required by Homeland Defense. Existing operations between the civilian and military traffic will continue to be disrupted.</p> <p><u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		

1.COMONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
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3.INSTALLATION AND LOCATION

Fort Riley, Kansas

4.PROJECT TITLE Deployment Facility Ramp Expansion	5.PROJECT NUMBER 57826
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JUN 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... DEC 2004
 - (d) Date Design Complete..... SEP 2005
 - (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..... 190
 - (b) All Other Design Costs..... 70
 - (c) Total Design Cost..... 260
 - (d) Contract..... 225
 - (e) In-house..... 35
 - (4) Construction Contract Award..... DEC 2005
 - (5) Construction Start..... JAN 2006
 - (6) Construction Completion..... MAY 2007

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

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2006
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kentucky	Fort Campbell (FORSCOM/SERO)				133
43934	Barracks Complex Incr 2	0	24,650	C	135
48670	Barracks Complex - 52nd St	49,575	49,575	C	138
51833	Combined Arms Collective Training Fac Ph 2	10,300	10,300	C	141
55304	Barracks Complex - Glider Rd	43,000	43,000	C	144
57764	Urban Assault Course	1,700	1,700	C	147
	Subtotal Fort Campbell PART I	\$ 104,575	129,225		
	Fort Knox (TRADOC/SERO)				151
51976	Trainee Barracks Complex 1 Incr 2	0	21,000	C	153
	Subtotal Fort Knox PART I	\$ 0	21,000		
	* TOTAL MCA FOR Kentucky	\$ 104,575	150,225		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005							
3. INSTALLATION AND LOCATION Fort Campbell Kentucky		4. COMMAND US Army Forces Command (Installation Mgt Agency, Southeast Region)		5. AREA CONSTRUCTION COST INDEX 1.05						
6. PERSONNEL STRENGTH:										
	PERMANENT		STUDENTS		SUPPORTED		TOTAL			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	2976	20510	1980	6	179	0	23	187	7775	33,636
B. END FY 2011	2920	20642	2088	12	149	0	23	187	7775	33,796
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	42,573 ha		(105,200 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2004.....					4,453,916					
C. AUTHORIZATION NOT YET IN INVENTORY.....					595,354					
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....					104,575					
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....					50,000					
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....					0					
G. REMAINING DEFICIENCY.....					479,226					
H. GRAND TOTAL.....					5,683,071					
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		DESIGN STATUS				
CODE	NUMBER					START	COMPLETE			
721	43934	Barracks Complex Incr 2		24,650		11/2002	07/2005			
721	48670	Barracks Complex - 52nd St		49,575		05/2004	07/2006			
179	51833	Combined Arms Collective Training Fac Ph 2		10,300		08/2002	09/2005			
721	55304	Barracks Complex - Glider Rd		43,000		05/2004	08/2006			
178	57764	Urban Assault Course		1,700		02/2004	09/2005			
TOTAL				129,225						
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST (\$000)						
CODE										
A. REQUESTED IN THE FY 2007 PROGRAM:										
721	Barracks Complex Ph 2			50,000						
TOTAL				50,000						
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A					
10. MISSION OR MAJOR FUNCTIONS:										
Support and training of an Airborne (Air Assault) Division, the 160th Special Operations Aviation Regiment, 5th Special Forces Group, and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission.										

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Campbell, Kentucky										
<p>10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)</p> <p>Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Barracks Complex Incr 2			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 43934		8. PROJECT COST (\$000) Auth Approp 24,650	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						37,119
Barracks		m2 (SF)	17,144 (184,536)		1,618	(27,745)
Dining Facility		m2 (SF)	2,080 (22,389)		2,704	(5,624)
Building Commissioning		LS	--		--	(2,950)
Antiterrorism/Force Protection		LS	--		--	(400)
Building Information Systems		LS	--		--	(400)
<u>SUPPORTING FACILITIES</u>						10,318
Electric Service		LS	--		--	(1,232)
Water, Sewer, Gas		LS	--		--	(419)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,833)
Storm Drainage		LS	--		--	(525)
Site Imp(1,346) Demo(2,328)		LS	--		--	(3,674)
Information Systems		LS	--		--	(68)
Antiterrorism/Force Protection		LS	--		--	(567)
ESTIMATED CONTRACT COST						47,437
CONTINGENCY PERCENT (5.00%)						2,372
SUBTOTAL						49,809
SUPV, INSP & OVERHEAD (5.70%)						2,839
DESIGN/BUILD - DESIGN COST						2,002
TOTAL REQUEST						54,650
TOTAL REQUEST (ROUNDED)						55,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$55M was requested in FY 2005 (PN 36403) with the first funding increment of \$30M. The second funding increment of \$24.65M is being requested in FY 2006. The complex includes barracks and a dining facility. Also included are connections to the energy monitoring and control systems (EMCS), and to existing utilities and energy sources. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutter; parking; access roads; storm drainage; information systems; and site improvements. Heating will be provided by gas-fired units and air conditioning by self-contained units. 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. As authorized by Public Law 107-107, this project has been selected for the Building Commissioning demonstration program to reduce long-term facility maintenance costs. Demolish 3 Buildings (Total 10,772 m2/115,949 SF). Air Conditioning (Estimated 703 kW _r /200 Tons).						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky		
4. PROJECT TITLE Barracks Complex Incr 2	5. PROJECT NUMBER 43934	
<p>11. REQ: 8,222 PN ADQT: 6,344 PN SUBSTD: 1,878 PN</p> <p>PROJECT: Construct a barracks complex. (Current mission)</p> <p>REQUIREMENT: This project is required to provide living and dining facilities that meet current Army standards for soldiers. The maximum barracks utilization is 504 soldiers. The intended utilization is 388 Junior Enlisted and 58 Sergeants.</p> <p>CURRENT SITUATION: The existing gang latrine barracks and dining facility are old and are severely deteriorated.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and dine in substandard and deteriorated facilities, which will adversely impact morale.</p> <p>ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>During the past two years, \$8M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 1,182 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..... <u>NOV 2002</u></p> <p>(b) Percent Complete As Of January 2005..... <u>50.00</u></p> <p>(c) Date 35% Designed..... <u>OCT 2004</u></p> <p>(d) Date Design Complete..... <u>JUL 2005</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Campbell, Kentucky

4. PROJECT TITLE Barracks Complex Incr 2	5. PROJECT NUMBER 43934
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Campbell

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	100
(b) All Other Design Costs.....	900
(c) Total Design Cost.....	1,000
(d) Contract.....	
(e) In-house.....	1,000
(4) Construction Contract Award.....	MAR 2005
(5) Construction Start.....	APR 2005
(6) Construction Completion.....	APR 2007

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 James F Duttweiler
Phone Number: (270)798-9700

1. COMPONENT ARMY	FY 2006	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION Fort Campbell Kentucky	4. PROJECT TITLE Barracks Complex - 52nd St
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5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 48670	8. PROJECT COST (\$000) Auth 49,575 Approp 49,575
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				35,545
Barracks	m2 (SF)	9,793 (105,408)	1,674	(16,391)
Dining Facility	m2 (SF)	2,811 (30,257)	2,756	(7,746)
Battalion HQs Buildings, 3 EA	m2 (SF)	3,935 (42,357)	1,536	(6,044)
Company Ops Facilities, 4 EA	m2 (SF)	3,244 (34,915)	1,355	(4,395)
Antiterrorism/Force Protection	LS	--	--	(355)
Total from Continuation page				(614)
<u>SUPPORTING FACILITIES</u>				7,494
Electric Service	LS	--	--	(1,538)
Water, Sewer, Gas	LS	--	--	(705)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,505)
Storm Drainage	LS	--	--	(335)
Site Imp(781) Demo(2,033)	LS	--	--	(2,814)
Information Systems	LS	--	--	(501)
Antiterrorism/Force Protection	LS	--	--	(96)
ESTIMATED CONTRACT COST				43,039
CONTINGENCY PERCENT (5.00%)				2,152
SUBTOTAL				45,191
SUPV, INSP & OVERHEAD (5.70%)				2,576
DESIGN/BUILD - DESIGN COST				1,808
TOTAL REQUEST				49,575
TOTAL REQUEST (ROUNDED)				49,575
INSTALLED EQT-OTHER APPROP				()

10. Description of Proposed Construction Construct a standard design barracks complex including barracks, a dining facility (801-1300 PN), three battalion headquarters and four company operations facilities (three small and one large). Construction includes connection to the energy monitoring and control systems (EMCS) and installation of an intrusion detection system (IDS), and fire protection/alarm systems. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Antiterrorism/force protection 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. Heating and air conditioning will be provided by self contained units. Demolish 14 Buildings (Total 19,883 m2/214,018 SF). Air Conditioning (Estimated 1,934 kW/550 Tons).

11. REQ: 8,222 PN ADQT: 6,344 PN SUBSTD: 1,878 PN
PROJECT: Construct a barracks complex. (Current Mission)
REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 288 soldiers. The intended utilization is 244 Junior Enlisted,

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Barracks Complex - 52nd St	5. PROJECT NUMBER 48670
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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	--	--	(130)
IDS Installation	LS	--	--	(32)
Building Information Systems	LS	--	--	(452)
			Total	614

REQUIREMENT: (CONTINUED)

and 22 Sergeants.

CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and are too small and dispersed.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$8M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Campbell, Kentucky. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 1,182 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2004
- (b) Percent Complete As Of January 2005..... 20.00
- (c) Date 35% Designed..... APR 2006
- (d) Date Design Complete..... JUL 2006

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Barracks Complex - 52nd St	5. PROJECT NUMBER 48670
--	--------------------------------

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 Campbell

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

(\$000)

- (a) Production of Plans and Specifications..... 300
- (b) All Other Design Costs..... 1,450
- (c) Total Design Cost..... 1,750
- (d) Contract..... 1,250
- (e) In-house..... 500

(4) Construction Contract Award..... FEB 2006

(5) Construction Start..... JUL 2006

(6) Construction Completion..... SEP 2008

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 JAMES F. DUTTWEILER
Phone Number: (270)798-9700

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Combined Arms Collective Training Fac Ph 2			
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 179	7. PROJECT NUMBER 51833		8. PROJECT COST (\$000) Auth 10,300 Approp 10,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,068
Combined Arms Collec. Trng Fac.		EA	1 --		6983657	(6,984)
Live Fire Exercise Breach Fac.		EA	1 --		83,670	(84)
<u>SUPPORTING FACILITIES</u>						2,213
Electric Service		LS	--		--	(497)
Water, Sewer, Gas		LS	--		--	(173)
Paving, Walks, Curbs & Gutters		LS	--		--	(676)
Storm Drainage		LS	--		--	(101)
Site Imp(766) Demo()		LS	--		--	(766)
ESTIMATED CONTRACT COST						9,281
CONTINGENCY PERCENT (5.00%)						464
SUBTOTAL						9,745
SUPV, INSP & OVERHEAD (5.70%)						555
TOTAL REQUEST						10,300
TOTAL REQUEST (ROUNDED)						10,300
INSTALLED EQT-OTHER APPROP						(2,800)
10. Description of Proposed Construction Construct the second phase of a two-phase modified standard design Combined Arms Collective Training Facility (CACTF). Phase 1 (PN 10663) was appropriated at \$14.4M in FY 2000. This phase provides the CACTF and live fire exercise breach facility to complete the CACTF. The primary facilities include the CACTF and a live fire exercise breach facility. Supporting facilities include electric service, site utilities, and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required.						
11. REQ:		1 EA	ADQT:		NONE	SUBSTD: 1 EA
PROJECT: Construct Phase 2 of a Combined Arms Collective Training Facility and Breaching Facility. (Current Mission)						
REQUIREMENT: This project is required to provide facilities to train the units stationed at Fort Campbell in the tactics and techniques required for urban warfare under simulated combat conditions. This project will provide facilities for training soldiers of the 101st Airborne Division (Air Assault), 160th Special Operations Aviation Regiment, 5th Special Forces Group, and other active duty units as well as soldiers of the Reserve and National Guard.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Combined Arms Collective Training Fac Ph 2	5. PROJECT NUMBER 51833
--	--------------------------------

REQUIREMENT: (CONTINUED)

The facilities allow for both force on force and live-fire training utilizing short range training ammunition (SRTA), and simulated munitions.

CURRENT SITUATION: The existing facilities constructed in Phase 1 of this project lack some of the training scenarios required to train and maintain combat readiness for urban operations. The addition of the facilities provided in this phase of the project will provide these soldiers with the full complement of training scenarios required by the current training doctrine and strategies.

IMPACT IF NOT PROVIDED: If this project is not provided, these soldiers will be unable to attain and sustain the necessary combat proficiency required by units operating and fighting in urban environments.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2002
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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..... 500
- (b) All Other Design Costs..... 250
- (c) Total Design Cost..... 750
- (d) Contract..... 600

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Combined Arms Collective Training Fac Ph 2	5. PROJECT NUMBER 51833
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) In-house..... 150
- (4) Construction Contract Award..... MAR 2006
- (5) Construction Start..... JAN 2006
- (6) Construction Completion..... AUG 2007

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>
Targetry and Inst Targetry/Instr	OPA	2007	2,780
Phase 2 CACTF Model	OPA	2007	20
		TOTAL	<u>2,800</u>

Installation Engineer: COL James F Duttweiler
Phone Number: (270) 798-9700

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Barracks Complex - Glider Rd		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 55304	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>					32,493
Barracks		m2 (SF)	13,057 (140,544)	1,674	(21,855)
Battalion Headquarters Building		m2 (SF)	1,524 (16,400)	1,527	(2,326)
Company Operations Facilities		m2 (SF)	5,415 (58,284)	1,327	(7,186)
EMCS Connection		LS	--	--	(98)
Antiterrorism/Force Protection		LS	--	--	(300)
Total from Continuation page					(728)
<u>SUPPORTING FACILITIES</u>					5,236
Electric Service		LS	--	--	(562)
Water, Sewer, Gas		LS	--	--	(720)
Paving, Walks, Curbs & Gutters		LS	--	--	(945)
Storm Drainage		LS	--	--	(517)
Site Imp(1,497) Demo(813)		LS	--	--	(2,310)
Information Systems		LS	--	--	(170)
Antiterrorism/Force Protection		LS	--	--	(12)
ESTIMATED CONTRACT COST					37,729
CONTINGENCY PERCENT (5.00%)					<u>1,886</u>
SUBTOTAL					39,615
SUPV, INSP & OVERHEAD (5.70%)					2,258
DESIGN/BUILD - DESIGN COST					<u>1,585</u>
TOTAL REQUEST					43,458
TOTAL REQUEST (ROUNDED)					43,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design barracks complex including barracks, Battalion Headquarters and Company Operations Facilities. Facilities will be connected to the energy monitoring and control systems (EMCS). Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, walks, curbs and gutters, parking, access roads, storm drainage, information systems, and site improvements. Heating will be provided by gas-fired units and air conditioning by self-contained units. Anti-terrorism/force protection 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 access areas. Demolish 21 Buildings (Total 7,953 m2/85,602 SF). Air Conditioning (Estimated 1,759 kW/500 Tons).					
11. REQ: 8,222 PN ADQT: 6,344 PN SUBSTD: 1,878 PN PROJECT: Construct a barracks complex. (Current Mission) REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 384 soldiers. The intended utilization is 296 Junior Enlisted, and 44 Sergeants.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Campbell, Kentucky

4. PROJECT TITLE Barracks Complex - Glider Rd	5. PROJECT NUMBER 55304
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(48)
Building Information Systems	LS	--	--	(680)
			Total	728

CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts and are too small and dispersed.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$8M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 1,182 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2004
- (b) Percent Complete As Of January 2005..... 20.00
- (c) Date 35% Designed..... MAY 2006
- (d) Date Design Complete..... AUG 2006
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Barracks Complex - Glider Rd	5. PROJECT NUMBER 55304
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	300
(b) All Other Design Costs.....	1,450
(c) Total Design Cost.....	1,750
(d) Contract.....	1,250
(e) In-house.....	500

(4) Construction Contract Award..... MAR 2006

(5) Construction Start..... AUG 2006

(6) Construction Completion..... SEP 2008

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 James F. Duttweiler
Phone Number: (270)798-9700

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Urban Assault Course			
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 57764	8. PROJECT COST (\$000) Auth 1,700 Approp 1,700			
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					1,392	
Urban Assault Course		FP	5 --	235,388	(1,177)	
Operations/Storage Building		m2 (SF)	74.32 (800)	1,625	(121)	
Latrine		m2 (SF)	18.02 (194)	4,414	(80)	
Building Information Systems		LS	--	--	(14)	
<u>SUPPORTING FACILITIES</u>					136	
Electric Service		LS	--	--	(127)	
Information Systems		LS	--	--	(9)	
ESTIMATED CONTRACT COST					1,528	
CONTINGENCY PERCENT (5.00%)					76	
SUBTOTAL					1,604	
SUPV, INSP & OVERHEAD (5.70%)					91	
TOTAL REQUEST					1,695	
TOTAL REQUEST (ROUNDED)					1,700	
INSTALLED EQT-OTHER APPROP					()	
10. Description of Proposed Construction Construct a standard design Urban Assault Course(UAC). Primary facilities include the UAC, operations/storage building and vault latrine. Supporting facilities include electrical service and information systems. Antiterrorism/force protection measures include reinforced metal doors, exterior lighting, laminated glass and security grates for windows. Access for individuals with disabilities is not required. Air Conditioning (Estimated 11 kW _r /3 Tons).						
11. REQ: 5 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct an Urban Assault Course. (Current Mission)						
REQUIREMENT: This project is required to provide an Urban Assault Course (UAC) and infrastructure as determined by the Combined Arms MOUT Task Force(CAMTF). The UAC will be utilized for training units of the 101st Division (Air Assault), other Active Army units, Reserves and National Guard with a new type training environment, incorporating the lessons learned in recent combat deployments within threat and urban areas.						
CURRENT SITUATION: Fort Campbell has no Urban Assault course to allow units to train to the requirements of the CAMTF training doctrine. Currently units utilize range 44 that was troop constructed and does not meet the standards						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 57764
--	--------------------------------

CURRENT SITUATION: (CONTINUED)
 set for training for urban operations tactics, techniques, and procedures.
IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers of the 101st, and others who will use this facility are not receiving training consistent with the current training doctrine (Training Circular 25-8, Training Ranges; and Training Circular 90-1, Urban Operations) which is to obtain and sustain necessary combat proficiency required to win in an urban environment. Training efficiency and productivity will continue to be negatively impacted.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... FEB 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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 A P Hill

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 75
 - (b) All Other Design Costs..... 275
 - (c) Total Design Cost..... 350
 - (d) Contract..... 150
 - (e) In-house..... 200

- (4) Construction Contract Award..... FEB 2006

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Campbell, Kentucky

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 57764
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (5) Construction Start..... MAR 2006
 - (6) Construction Completion..... MAR 2007

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 James Duttweiler
Phone Number: (270)798-9700

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005				
3. INSTALLATION AND LOCATION Fort Knox Kentucky		4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Southeast Region)		5. AREA CONSTRUCTION COST INDEX 1.05			
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	1106	6061	2511	427	7217	0	137 486 4181 22,126
B. END FY 2011	1044	5992	2786	430	7448	0	137 431 4207 22,475
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	44,203 ha		(109,228 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....					3,789,935		
C. AUTHORIZATION NOT YET IN INVENTORY.....					193,286		
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....					0		
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....					0		
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....					0		
G. REMAINING DEFICIENCY.....					206,403		
H. GRAND TOTAL.....					4,189,624		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	51976	Trainee Barracks Complex 1 Incr 2		21,000	01/2004	07/2005	
				TOTAL	21,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM: NONE							
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Fort Knox houses the following: Headquarters Fort Knox, USA Armor School, USAARMC Headquarters Commandant/Commander of Troops, 1st Armor Training Brigade, HQ USA Recruiting Command, USA Accessions Support Bde, 16th Cavalry Regiment, Unit of Action Maneuver Battle Lab, Fort Knox MEDDAC, Fort Knox DENTAC, 46th AG Battalion(Reception), US Army Research Institute, USA Test & Evaluation Command, U.S. Army Second ROTC Region, U.S. Army ROTC Cadet Command, Logistical Assistance and Protection of Gold Depository, Det 5, USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance 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.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Knox Kentucky			4. PROJECT TITLE Trainee Barracks Complex 1 Incr 2			
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 51976		8. PROJECT COST (\$000) Auth Approp 21,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						54,203
Barracks/Co Opns		m2 (SF)	28,800 (310,000)		1,513	(43,574)
Bn HQ & Classrooms		m2 (SF)	2,111 (22,725)		1,685	(3,557)
Central Energy Plant		LS	--		--	(2,952)
EMCS Connection		EA	7 --		48,856	(342)
Running Track		EA	1 --		130,001	(130)
Total from Continuation page						(3,648)
<u>SUPPORTING FACILITIES</u>						8,397
Electric Service		LS	--		--	(564)
Water, Sewer, Gas		LS	--		--	(875)
Steam And/Or Chilled Water Dist		LS	--		--	(386)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,009)
Storm Drainage		LS	--		--	(343)
Site Imp(1,658) Demo(2,227)		LS	--		--	(3,885)
Information Systems		LS	--		--	(1,003)
Antiterrorism/Force Protection		LS	--		--	(332)
ESTIMATED CONTRACT COST						62,600
CONTINGENCY PERCENT (5.00%)						<u>3,130</u>
SUBTOTAL						65,730
SUPV, INSP & OVERHEAD (5.70%)						3,747
DESIGN/BUILD - DESIGN COST						<u>2,629</u>
TOTAL REQUEST						72,106
TOTAL REQUEST (ROUNDED)						72,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$72M was requested in FY 2005 PN (51975), along with the first increment funding of \$50M. The second funding increment of \$21M is being requested in FY 2006. The complex includes five open-bay barracks with company operations and classroom space, covered training areas, battalion headquarters building with classrooms, and a running track. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm system; access roads and parking; paving, walks, curbs and gutters; troop formation area; signage; information systems; and site improvements. Air conditioning will be provided by connection to a central energy plant. Antiterrorism/force protection 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. Demolish 120 buildings (371,130 square feet), including asbestos and lead paint abatement. Air Conditioning (Estimated 2,638 kW/750 Tons).						
11. REQ:		6,350 PN	ADQT:		NONE	SUBSTD: 6,350 PN
PROJECT: Construct increment 2 of a Basic Combat Training complex. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Knox, Kentucky

4. PROJECT TITLE Trainee Barracks Complex 1 Incr 2	5. PROJECT NUMBER 51976
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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	--	--	(22)
Antiterrorism/Force Protection	LS	--	--	(2,200)
Building Information Systems	LS	--	--	(1,426)
			Total	3,648

REQUIREMENT: This project is required to provide adequate housing and training space for initial entry soldiers receiving basic training at Fort Knox. Training companies are increasing in size from 200 soldiers to 240 soldiers with no increase in facility space. The design capacity for this complex is 1,200 trainees.

CURRENT SITUATION: Fort Knox houses ten companies of basic trainees in ten hammerhead barracks constructed in the early 1950s. These billets are the oldest basic trainee spaces in the Army, and they are in a highly deteriorated condition. Also, the number of showers, toilets, urinals, sinks, washers, and dryers available to the 240 soldiers per building is grossly inadequate for the amount of time available for use.

IMPACT IF NOT PROVIDED: If this project is not provided, Basic Combat trainees will continue to live and train in substandard conditions, which results in reduced morale, higher attrition, increased illness, and lower quality of training.

ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 20.00
- (c) Date 35% Designed..... MAY 2005
- (d) Date Design Complete..... JUL 2005

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Knox, Kentucky

4. PROJECT TITLE Trainee Barracks Complex 1 Incr 2	5. PROJECT NUMBER 51976
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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: 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..... 200
 - (b) All Other Design Costs..... 1,100
 - (c) Total Design Cost..... 1,300
 - (d) Contract..... 1,200
 - (e) In-house..... 100
- (4) Construction Contract Award..... MAR 2005
- (5) Construction Start..... JUL 2005
- (6) Construction Completion..... JUL 2007

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>(\$000)</u>
	NA		

Installation Engineer: Mr. Joseph Hutchins
Phone Number: 502-624-2151

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Louisiana	Fort Polk (FORSCOM/SWRO)				159
62720	Combined Arms Collective Training Facility	28,887	28,887	N	161
	Subtotal Fort Polk PART I	\$ 28,887	28,887		
	* TOTAL MCA FOR Louisiana	\$ 28,887	28,887		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Polk Louisiana			4. COMMAND US Army Forces Command (Installation Mgt Agency, Southwest Region)			5. AREA CONSTRUCTION COST INDEX 0.93	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	995	7006	1509	2	262	0	886 7048 2732 20,440
B. END FY 2011	1028	7489	1470	2	265	0	889 7048 2732 20,923
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	80,520 ha		(198,968 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							2,650,624
C. AUTHORIZATION NOT YET IN INVENTORY.....							256,813
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							28,887
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							188,930
H. GRAND TOTAL.....							3,125,254
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
179	62720	Combined Arms Collective Training Facility		28,887	07/2004	10/2005	
				TOTAL	28,887		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM: NONE							
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
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 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
----------------------	--	------------------------

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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Polk Louisiana			4. PROJECT TITLE Combined Arms Collective Training Facility			
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 179	7. PROJECT NUMBER 62720		8. PROJECT COST (\$000) Auth 28,887 Approp 28,887	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,501
Combined Arms Collec. Trng Fac.		EA	1 --		24920250	(24,920)
Operations/Storage Building		m2 (SF)	74.32 (800)		943.38	(70)
Covered Mess		m2 (SF)	74.32 (800)		727.66	(54)
Range Operations Center		m2 (SF)	185.81 (2,000)		943.33	(175)
Latrine		m2 (SF)	18.02 (194)		2,473	(45)
Total from Continuation page						(237)
<u>SUPPORTING FACILITIES</u>						527
Electric Service		LS	--		--	(150)
Paving, Walks, Curbs & Gutters		LS	--		--	(248)
Information Systems		LS	--		--	(90)
Antiterrorism/Force Protection		LS	--		--	(39)
ESTIMATED CONTRACT COST						26,028
CONTINGENCY PERCENT (5.00%)						<u>1,301</u>
SUBTOTAL						27,329
SUPV, INSP & OVERHEAD (5.70%)						<u>1,558</u>
TOTAL REQUEST						28,887
TOTAL REQUEST (ROUNDED)						28,887
INSTALLED EQT-OTHER APPROP						(6,033)
10. Description of Proposed Construction Construct a standard design Combined Arms Collective Training Facility (CACTF) consisting of structures and mock utilities to simulate an urban setting. Primary facilities include the CACTF, an operations and storage building, a covered mess, a range operations center, an after action review building and latrine. Supporting facilities include access road, electric service, and information systems. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Air Conditioning (Estimated 53 kW/15 Tons).						
11. REQ:		1 EA	ADQT: NONE		SUBSTD:	NONE
PROJECT: Construct a Combined Arms Collective Training Facility. (Current Mission)						
REQUIREMENT: This project is required to train units at Fort Polk and the Joint Readiness Training Center and deployable combat units, National Guard and Reserve Component units and other Federal Agencies in urban combat techniques to attain the degree of proficiency required for combat. This facility is designed to conduct multi-echelon, full spectrum operations training up to battalion task force level. The Combined Arms Collective						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Polk, Louisiana

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 62720
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
After Action Review Building	m2 (SF)	240.80 (2,592)	840.14	(202)
Building Information Systems	LS	--	--	(35)
			Total	237

REQUIREMENT: (CONTINUED)

Training Facility will accommodate Force on Force (FOF) and Force on Targetry (FOT) engagements. This training facility integrates all major urban challenges into a single training complex. It directly supports unit training and provides scenarios ranging from urban unrest, 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. 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.

CURRENT SITUATION: 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. Quality and timeliness of the training experience is the metric for success. Improved battlefield survivability is the only acceptable alternative.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a significant adverse effect on unit training. Fort Polk and the Joint Readiness Training Center will not be able to attain the degree of proficiency required for combat. We will place uniformed service members 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 all physical security measures are included. All required antiterrorism/force 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

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Polk, Louisiana

4. PROJECT TITLE Combined Arms Collective Training Facility	5. PROJECT NUMBER 62720
--	----------------------------

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	2007	6,026
Info Sys - ISC	OPA	2007	7
		TOTAL	<u>6,033</u>

Installation Engineer: Mr. Roy Bethel
Phone Number: 337.531.7581

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST		
Missouri	Fort Leonard Wood (TRADOC/NWRO)				167
58522	Countermine Training Complex Ph 2	8,100	8,100	C	169
	Subtotal Fort Leonard Wood PART I	\$ 8,100	8,100		
	* TOTAL MCA FOR Missouri	\$ 8,100	8,100		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri		4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Northwest Region)		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 30 SEP 2004	736 4255 1956	727 15241	6 90 2058 2882	27,951
B. END FY 2011	733 4362 1910	699 17714	5 105 2075 2863	30,466
7. INVENTORY DATA (\$000)				
A. TOTAL AREA.....	26,337 ha (65,080 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2004.....			3,133,529	
C. AUTHORIZATION NOT YET IN INVENTORY.....			181,064	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....			8,100	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....			0	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....			0	
G. REMAINING DEFICIENCY.....			426,950	
H. GRAND TOTAL.....			3,749,643	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
171	58522	Countermine Training Complex Ph 2	8,100	04/2004 05/2006
TOTAL			8,100	
9. FUTURE PROJECT APPROPRIATIONS:				
CATEGORY			COST	
CODE	PROJECT TITLE		(\$000)	
A. REQUESTED IN THE FY 2007 PROGRAM: NONE				
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE				
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			N/A	
10. MISSION OR MAJOR FUNCTIONS:				
Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Chemical School, US Army Military Police School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellited activities and units.				
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:				
			(\$000)	
A. AIR POLLUTION			0	

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005						
INSTALLATION AND LOCATION: Fort Leonard Wood, Missouri								
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. PROJECT TITLE Countermine Training Complex Ph 2		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 171	7. PROJECT NUMBER 58522		8. PROJECT COST (\$000) Auth 8,100 Approp 8,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,942
Tactical Equipment Shop		m2 (SF)	557.42 (6,000)		1,486	(828)
Kennel Building w/Run		m2 (SF)	1,362 (14,660)		1,570	(2,138)
Village Search Houses		EA	5 --		105,127	(526)
Booby Trap Houses		EA	5 --		105,127	(526)
Village Store		EA	1 --		89,880	(90)
Total from Continuation page						(834)
<u>SUPPORTING FACILITIES</u>						2,132
Electric Service		LS	--		--	(211)
Water, Sewer, Gas		LS	--		--	(965)
Paving, Walks, Curbs & Gutters		LS	--		--	(277)
Site Imp(248) Demo()		LS	--		--	(248)
Information Systems		LS	--		--	(341)
Antiterrorism/Force Protection		LS	--		--	(90)
ESTIMATED CONTRACT COST						7,074
CONTINGENCY PERCENT (5.00%)						354
SUBTOTAL						7,428
SUPV, INSP & OVERHEAD (5.70%)						423
DESIGN/BUILD - DESIGN COST						297
TOTAL REQUEST						8,148
TOTAL REQUEST (ROUNDED)						8,100
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a Countermine Training Complex including a Countermine Village, a Tactical Equipment Shop, and a Kennel Building with runs. Phase 1 (PN 61937) was authorized and appropriated for \$10.4M in FY 2005. The Countermine Training Village includes a Search House, Booby-Trap House, Warehouse, Store, Service Station, Church with spire, Sewerline Training Area and Cave Complex. The Tactical Equipment Shop includes vehicle maintenance bays, mud room, warehouse space and locker rooms with showers. The Kennel Building and runs includes a veterinary facility, dog food storage and preparation, offices, sleeping room, classroom, isolation kennel, kennels and fenced dog runs. Install an intrusion detection system (IDS) with closed circuit television system (cameras provided by other funding) for remote monitoring of the complex. Supporting facilities include the extension of and connection to existing base utilities; electric service; security lighting, fencing and gates; fire protection and alarm systems; parking, paving, walks, curbs and gutters; storm drainage; sanitary sewage systems; information systems; and site improvements. Heating and air-conditioning with air exchange system will be provided by self-contained systems to maintenance, village church and kennel buildings. Antiterrorism/Force protection measures include security lighting, barriers, fencing, and laminated glazing. Access for						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Countermine Training Complex Ph 2	5. PROJECT NUMBER 58522
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Village Services Station	m2 (SF)	154.59 (1,664)	905.71	(140)
Village Church w/ Spire	m2 (SF)	297.29 (3,200)	1,221	(363)
Sewerline Training Area	m (LF)	91.44 (300)	496.63	(45)
IDS Installation	LS	--	--	(16)
Antiterrorism/Force Protection	LS	--	--	(18)
Building Information Systems	LS	--	--	(252)
			Total	834

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

individuals with disabilities will be provided. Air Conditioning (Estimated 352 kW/100 Tons).

11. REQ: 30,347 m2 ADQT: 25,918 m2 SUBSTD: 1,164 m2

PROJECT: Construct a countermine training complex. (Current Mission)

REQUIREMENT: The project is required to provide a training complex for countermine, counter booby trap and mine detection dog operations to meet mission based training requirements. Mission analysis of current countermine training and capabilities recommends focused countermine training courses in the near term to prepare our forces to successfully operate in the contemporary operational environment. This requirement is based upon an estimated annual throughput of 1600-2000 students.

CURRENT SITUATION: There are no facilities available to support this mission.

IMPACT IF NOT PROVIDED: If the countermine training complex is not provided, countermine/counter booby trap personnel will have to be housed in fragmented temporary structures located around Fort Leonard Wood. These dispersed locations will hinder mission accomplishment and the ability to train, organize and equip soldiers to fight and win in a contemporary operational environment. If this project is not provided, proper care and housing for the military working dogs will not be available. This will hinder training, mission readiness and mission effectiveness of the unit creating greater risk to U.S. Military forces, U.S. Allies, and U.S. Civilians where the unit may be deployed.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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

1.COMONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		30 JAN 2005

3.INSTALLATION AND LOCATION
Fort Leonard Wood, Missouri

4.PROJECT TITLE	5.PROJECT NUMBER
Countermine Training Complex Ph 2	58522

ADDITIONAL: (CONTINUED)
available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2004
- (b) Percent Complete As Of January 2005..... 20.00
- (c) Date 35% Designed..... FEB 2006
- (d) Date Design Complete..... MAY 2006
- (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..... 400
- (b) All Other Design Costs..... 110
- (c) Total Design Cost..... 510
- (d) Contract..... 400
- (e) In-house..... 110

(4) Construction Contract Award..... DEC 2005

(5) Construction Start..... MAY 2006

(6) Construction Completion..... DEC 2007

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Countermine Training Complex Ph 2	5. PROJECT NUMBER 58522
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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: LTC Richard J. Cole
Phone Number: 573-596-0840

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
New York	Fort Drum (FORSCOM/NERO)				175
14210	Barracks Complex 10300 Block Incr 1	55,000	38,500	C	177
47171	Physical Fitness Facility	6,800	6,800	C	180
57722	ASP Pallet Processing Facility	1,850	1,850	C	183
	Subtotal Fort Drum PART I	\$ 63,650	47,150		
	United States Military Academy (USMA/NERO)				187
58571	Library & Learning Center Incr 2	0	25,470	C	189
58966	Modified Record Fire Range	4,000	4,000	C	193
	Subtotal United States Military Academy PART I	\$ 4,000	29,470		
	* TOTAL MCA FOR New York	\$ 67,650	76,620		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Drum New York			4. COMMAND US Army Forces Command (Installation Mgt Agency, Northeast Region)			5. AREA CONSTRUCTION COST INDEX 1.13	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	1276	9987	1439	0	96	0	
B. END FY 2011	1308	10765	1474	0	86	0	
						24	
						436	
						2559	
						15,817	
						23	
						433	
						2559	
						16,648	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	43,569 ha		(107,660 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						3,153,092	
C. AUTHORIZATION NOT YET IN INVENTORY.....						331,148	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						63,650	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						78,800	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						877,913	
H. GRAND TOTAL.....						4,504,603	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	14210	Barracks Complex 10300 Block Incr 1		38,500	07/2004	05/2006	
742	47171	Physical Fitness Facility		6,800	04/2004	10/2005	
422	57722	ASP Pallet Processing Facility		1,850	01/2004	09/2005	
TOTAL				47,150			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
721	Barracks Complex			39,000			
179	Combined Arms Collective Training Facility			14,800			
721	Barracks-Pine Pl			25,000			
721	Barracks Complex 10300 Block Incr 2			16,500			
TOTAL				95,300			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							
10. MISSION OR MAJOR FUNCTIONS:							
Maintain a Light Infantry Division, trained and ready to deploy rapidly, by air, sea, and land, anywhere in the world, and to be prepared to fight upon arrival and win. Train, mobilize, deploy and							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Drum, New York										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) sustain Active and Reserve Component combat ready forces while caring for people.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE Barracks Complex 10300 Block Incr 1			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 14210		8. PROJECT COST (\$000) Auth 55,000 Approp 38,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						38,734
Barracks		m2 (SF)	20,661 (222,396)		1,798	(37,140)
Renovate Attached 40 Room Bldg.		m2 (SF)	873.29 (9,400)		490.08	(428)
Antiterrorism/Force Protection		LS	--		--	(544)
Building Information Systems		LS	--		--	(622)
<u>SUPPORTING FACILITIES</u>						8,693
Electric Service		LS	--		--	(649)
Water, Sewer, Gas		LS	--		--	(468)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,738)
Storm Drainage		LS	--		--	(570)
Site Imp(5,062) Demo()		LS	--		--	(5,062)
Information Systems		LS	--		--	(201)
Antiterrorism/Force Protection		LS	--		--	(5)
ESTIMATED CONTRACT COST						47,427
CONTINGENCY PERCENT (5.00%)						<u>2,371</u>
SUBTOTAL						49,798
SUPV, INSP & OVERHEAD (5.70%)						2,838
DESIGN/BUILD - DESIGN COST						<u>1,992</u>
TOTAL REQUEST						54,628
TOTAL REQUEST (ROUNDED)						55,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$55M is requested in FY 2006 with the first funding increment of \$38.5M. The second funding increment will be requested in a future budget request. The scope of this project entails the construction of a total of six new barracks buildings with built-in soldier community areas and supporting facilities. The configuration of the site plan layouts propose constructing four buildings with 112 rooms each located in the 10300 and 10400 areas of post, a 40 room barracks wing located in the 10400 area, and a 120 room barracks in the 10600 area. This project includes all structural, mechanical, electrical, plumbing, and information systems. Antiterrorism/force protection 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. Supporting facilities include water, sanitary sewer, electrical, gas, storm drainage, information systems, fire alarm and protection systems, mass notification systems, roadway, parking, lighting, sidewalks, paving, signage, landscaping, and site improvements. Air Conditioning (Estimated 1,934 kWr/550 Tons).						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Barracks Complex 10300 Block Incr 1	5. PROJECT NUMBER 14210
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11. REQ: 4,627 PN ADQT: 3,351 PN SUBSTD: 1,276 PN

PROJECT: Construct barracks complex. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 608 soldiers. The intended utilization is 470 Junior Enlisted, and 69 Sergeants.

CURRENT SITUATION: The existing barracks consist of the older style 2+2 design that do not meet the current Army standard for space.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities, which will adversely impact morale.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$4.2M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Drum. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 668 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2004
- (b) Percent Complete As Of January 2005..... 20.00
- (c) Date 35% Designed..... FEB 2006
- (d) Date Design Complete..... MAY 2006
- (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

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Drum, New York

4. PROJECT TITLE Barracks Complex 10300 Block Incr 1	5. PROJECT NUMBER 14210
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:
Fort Drum

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	700
(b) All Other Design Costs.....	2,600
(c) Total Design Cost.....	3,300
(d) Contract.....	800
(e) In-house.....	2,500
(4) Construction Contract Award.....	DEC 2005
(5) Construction Start.....	MAY 2006
(6) Construction Completion.....	SEP 2008

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

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

Installation Engineer: Mr. Steven Dunham
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE Physical Fitness Facility			
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 742	7. PROJECT NUMBER 47171	8. PROJECT COST (\$000) Auth 6,800 Approp 6,800			
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					5,619	
Physical Fitness Addition		m2 (SF)	1,771 (19,063)	2,024	(3,584)	
Physical Fitness Renovations		m2 (SF)	3,205 (34,497)	601.92	(1,929)	
Antiterrorism/Force Protection		LS	--	--	(85)	
Building Information Systems		LS	--	--	(21)	
<u>SUPPORTING FACILITIES</u>					479	
Electric Service		LS	--	--	(71)	
Water, Sewer, Gas		LS	--	--	(30)	
Paving, Walks, Curbs & Gutters		LS	--	--	(88)	
Storm Drainage		LS	--	--	(34)	
Site Imp(241) Demo()		LS	--	--	(241)	
Information Systems		LS	--	--	(15)	
ESTIMATED CONTRACT COST					6,098	
CONTINGENCY PERCENT (5.00%)					305	
SUBTOTAL					6,403	
SUPV, INSP & OVERHEAD (5.70%)					365	
TOTAL REQUEST					6,768	
TOTAL REQUEST (ROUNDED)					6,800	
INSTALLED EQT-OTHER APPROP					()	
10. Description of Proposed Construction Construct an addition to the existing Pine Plains Physical Fitness facility. The addition will provide new locker rooms, toilets, sauna and shower facilities, multi-purpose exercise rooms, a new entranceway, and a new back entrance for maintenance access. Renovations include conversion of existing locker rooms into multi-purpose exercise rooms, access to basement pool equipment room, modification of the existing building interior to support the new addition and latest codes, interior painting, structural modifications, roof repairs, and improvements to the pool's heating system. Construction is to match the architectural theme of existing building. AntiTerrorism Force Protection measures include laminated glass windows, and site lighting. Access for individuals with disabilities will be provided. Existing heating and ventilation systems will be upgraded and air conditioning will be provided. Supporting facilities include site improvements and installation of walkways, exterior lighting, utilities, fire protection and alarm systems, public address system, cable TV and TV surveillance system. Air Conditioning (Estimated 528 kW/150 Tons).						
11. REQ:		11,160 m2	ADQT:	NONE	SUBSTD:	8,527 m2
PROJECT: Construct an addition to, and upgrade/renovate Pine Plains Physical						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Drum, New York		
4. PROJECT TITLE Physical Fitness Facility	5. PROJECT NUMBER 47171	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>Fitness Facility (PPFFF). (Current Mission)</p> <p><u>REQUIREMENT:</u> The PPPFF supports soldier physical fitness and wellness of the 10th Mountain Division. In addition to the primary physical training (PT) this facility offers, it also is designated for training soldiers with temporary limitations. There are over 200 soldiers participating in physical therapy, pool physical therapy and pregnancy and postpartum therapy. Multipurpose rooms for these activities, normal company & platoon PT and wellness activities require approximately 8 separate rooms accommodating 70-100 soldiers simultaneously.</p> <p><u>CURRENT SITUATION:</u> There are over 16,000 soldiers and civilians stationed at Fort Drum. During the spring, summer, and fall months 42,000-50,000 Army Reserve and National Guard soldiers conduct annual training on the installation. Harsh winters, lasting five months, drive the soldiers indoors to perform physical fitness necessary to keep the 10th Mountain Division (Light) combat ready. There are only two gymnasiums available to support this mission-essential demand. The larger Magrath Gym, two miles away, supports about 8,000 soldiers, while the PPPFFC supports the remainder and the soldiers with the temporary physical limitations. The current male and female locker rooms are inadequately sized to handle the capacity and need to be expanded to accommodate a total of 200 men and 100 women. The locker rooms have inadequate seating and changing areas along with toilets and showers. Saunas need to be large enough to accommodate 10 of each gender. Full sized lockers are needed to secure personal items such as heavy winter apparel. The very small PPPFF exercise areas are stuffy and hot all year which detracts from getting an adequate workout. Both gyms are used to full capacity during the long winters with no other installation space available for indoor PT activities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The Pine Plains PFF will continue to be a major installation shortcoming, as mission-essential PT and rehabilitative therapy will continue to be hampered by overcrowded space and insufficient amenities. Community Recreation Division cannot offer the required facilities for a well rounded fitness program without this construction.</p> <p><u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive</p>		

1.COMONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
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3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE Physical Fitness Facility	5.PROJECT NUMBER 47171
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ADDITIONAL: (CONTINUED)

Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... APR 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... DEC 2004
 - (d) Date Design Complete..... OCT 2005
 - (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..... 400
- (b) All Other Design Costs..... 580
- (c) Total Design Cost..... 980
- (d) Contract..... 500
- (e) In-house..... 480

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... APR 2006

(6) Construction Completion..... OCT 2008

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: Mr. Steve Dunham
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Drum New York			4. PROJECT TITLE ASP Pallet Processing Facility			
5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 422	7. PROJECT NUMBER 57722		8. PROJECT COST (\$000) Auth 1,850 Approp 1,850		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,008
Pallet Processing Facility		m2 (SF)	909.98 (9,795)	1,087	(989)
IDS Installation		LS	--	--	--	(8)
Building Information Systems		LS	--	--	--	(11)
<u>SUPPORTING FACILITIES</u>						645
Electric Service		LS	--	--	--	(83)
Water, Sewer, Gas		LS	--	--	--	(139)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(134)
Storm Drainage		LS	--	--	--	(6)
Site Imp(208) Demo()		LS	--	--	--	(208)
Information Systems		LS	--	--	--	(49)
Antiterrorism/Force Protection		LS	--	--	--	(26)
ESTIMATED CONTRACT COST						1,653
CONTINGENCY PERCENT (5.00%)						83
SUBTOTAL						1,736
SUPV, INSP & OVERHEAD (5.70%)						99
TOTAL REQUEST						1,835
TOTAL REQUEST (ROUNDED)						1,850
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a Pallet Processing Facility located at the Ammunition Supply Point (ASP). Install intrusion detection systems (IDS). Support facilities will consist of electric, water and sewer systems, storm drainage, information systems, fire protection system, paving and sidewalks. Access for individuals with disabilities is not required. Workers must be able-bodied to perform the tasks. The building will include a large open area for processing ammunition deliveries, palletizing and weighing outloads for deployment. A scale will be provided for weighing the pallets. Other required spaces include an office/break room for up to 15 workers, a unisex toilet, mechanical room, janitor closet, and battery charging room. A small kitchenette will be provided in the break room.						
11. REQ: 910 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a Pallet Processing Facility at the Ammunition Supply Point. (Current Mission)						
REQUIREMENT: The facility is required to provide a secure enclosed facility for the efficient palletizing and weighing of munitions for deployment of the 10th Mountain Division and other units that train/deploy from Fort Drum under all weather conditions, to increase the speed of deploying palletized						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Drum, New York		
4. PROJECT TITLE ASP Pallet Processing Facility	5. PROJECT NUMBER 57722	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>munitions, to eliminate the current bottleneck caused by both vehicles and cargo passing through existing facilities and to eliminate the need to temporarily store the munitions awaiting deployment outdoors in the Ammunition Supply Point (ASP). An enclosed structure is needed to insure the processing of munitions cargo loaded on aircraft is of the documented weight. Palletized munitions will be brought to the existing marshalling area already accurately weighed and ready for joint inspection.</p> <p><u>CURRENT SITUATION:</u> There is no existing facility where munitions can be palletized and accurately weighed for deployment. This task is presently performed outdoors or inside one of the existing igloo magazines within the ASP (if space is available). Equipment brought forward to the Ready Area is exposed to accumulations of snow and ice during winter operations. Equipment must be clear of all ice and snow to prevent overloading of the aircraft. In inclement weather the palletized munitions may not match the recorded weights due to additional rain or snow loads. The present operation is sometimes in violation of Army regulations when delivery requirements force temporary outdoor storage of palletized munitions more hazardous than small arms. This results in difficult, unsafe and inefficient working conditions, and an increased potential for accidents during the winter months. Palletized munitions stored outdoors or overnight are also required to have an armed guard posted, resulting in additional man-hours that require overtime.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this ASP Palletizing Processing Facility, palletizing munitions will continue to be snow and ice covered during inclement weather conditions and will require additional time to process. This will result in delayed deliveries and the inability to satisfy mission requirements. Using the existing igloo magazines to palletize munitions may result in an accident due to the small space and tight clearances.</p> <p><u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Drum, New York

4. PROJECT TITLE ASP Pallet Processing Facility	5. PROJECT NUMBER 57722
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JAN 2004
- (b) Percent Complete As Of January 2005..... 50.00
- (c) Date 35% Designed..... NOV 2004
- (d) Date Design Complete..... SEP 2005
- (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..... 105
- (b) All Other Design Costs..... 195
- (c) Total Design Cost..... 300
- (d) Contract..... 140
- (e) In-house..... 160

(4) Construction Contract Award..... DEC 2006

(5) Construction Start..... FEB 2006

(6) Construction Completion..... MAR 2007

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: Mr. Steve Dunham
Phone Number: 315-772-5371

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION United States Military Academy New York			4. COMMAND United States Military Academy (Installation Mgt Agency, Northeast Region)			5. AREA CONSTRUCTION COST INDEX 1.40	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	708	508	2124	40	4785	0	
B. END FY 2011	718	511	2085	40	4785	0	
				28	226	1385	
						9,804	
				28	226	1385	
						9,778	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	6,512 ha		(16,091 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						2,567,821	
C. AUTHORIZATION NOT YET IN INVENTORY.....						167,291	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						4,000	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						0	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						391,450	
H. GRAND TOTAL.....						3,130,562	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
610	58571	Library & Learning Center Incr 2		25,470	04/2002	01/2004	
178	58966	Modified Record Fire Range		4,000	12/2003	09/2005	
TOTAL				29,470			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM: NONE							
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
The mission of the United States Military Academy (USMA) is to educate, train, and inspire the Corps of Cadets so that each graduate shall have the character, leadership, intellectual foundation, and other attributes essential to progression and continuing development throughout a career of exemplary service to the nation as an officer of the regular Army.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: United States Military Academy, New York

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION United States Military Academy New York			4. PROJECT TITLE Library & Learning Center Incr 2			
5. PROGRAM ELEMENT 85896A		6. CATEGORY CODE 610	7. PROJECT NUMBER 58571		8. PROJECT COST (\$000) Auth Approp 25,470	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						49,332
Library and Learning Center		m2 (SF)	13,817 (148,725)		3,099	(42,821)
Existing Library Renovation		m2 (SF)	2,072 (22,300)		1,974	(4,089)
Asbestos/Lead Paint Removal		m2 (SF)	2,072 (22,300)		32.61	(68)
IDS Installation		LS	--		--	(75)
EMCS Connection		LS	--		--	(1,065)
Building Information Systems		LS	--		--	(1,214)
<u>SUPPORTING FACILITIES</u>						4,702
Electric Service		LS	--		--	(416)
Water, Sewer, Gas		LS	--		--	(338)
Steam And/Or Chilled Water Dist		LS	--		--	(159)
Paving, Walks, Curbs & Gutters		LS	--		--	(521)
Storm Drainage		LS	--		--	(140)
Site Imp(3,081) Demo()		LS	--		--	(3,081)
Information Systems		LS	--		--	(47)
ESTIMATED CONTRACT COST						54,034
CONTINGENCY PERCENT (5.00%)						<u>2,702</u>
SUBTOTAL						56,736
SUPV, INSP & OVERHEAD (5.70%)						<u>3,234</u>
TOTAL REQUEST						59,970
TOTAL REQUEST (ROUNDED)						60,000
INSTALLED EQT-OTHER APPROP						(1,192)
10. Description of Proposed Construction This project is incrementally funded over two years (FY05 & FY06). Increment 1 (PN39538, FY05) requested full authorization (\$60M) for the entire project and an appropriation of \$34.5M. This project requests \$25.47M of appropriation. Library functions include Collections; User Services; Administration; Collection Development; Technical Services; Staff Support; Public Services; and Support Services. Included in the new facility will be two Learning Center components, the Center for Enhanced Performance (CEP) and the Center for Teaching Excellence (CTE). The existing Library will be partially renovated to house the Archives and Special Collections functions of the library. The new library facility will be equipped with elevators; internet and local area network connections; mechanical and electrical rooms; a heating, ventilation and air conditioning (HVAC) system; steam heat with a connection to the central steam distribution system (5,640,000 BTU hours); telecommunications and video communications equipment; fire detection and suppression systems; connect an energy monitoring and control system (EMCS); and pedestrian and vehicular access. Install an intrusion detection system (IDS). Special architectural treatments such as granite facing and local historic details are required because of the site's location in the Academy's historic district. Renovation of the existing library includes relocation of						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION United States Military Academy, New York		
4. PROJECT TITLE Library & Learning Center Incr 2	5. PROJECT NUMBER 58571	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>interior walls to support new floor plan layouts, asbestos and lead-based paint removal and disposal, and upgrades of electrical, lighting, HVAC, interior finishes, and information systems. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Other significant site costs include the excavation and blasting of subsurface rock, plus blast monitoring and protection. The integration of the USMA Learning Centers with the Library will require the relocation of all functions. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 2,110 kW/600 Tons).</p>		
<p>11. REQ: 15,143 m2 ADQT: NONE SUBSTD: 11,241 m2</p> <p><u>PROJECT:</u> Construct a library and learning center and renovate a portion of an existing library. (Current Mission)</p> <p><u>REQUIREMENT:</u> Since its construction in 1964, the library has undergone many changes in requirements and functions as well as significant expansion of the library collection. Because of the dramatic increase in the size of the collection, it has been necessary to displace user spaces to house the collection, thus restricting the number of patrons that can use the library at any given time. The archives and special collections function has been added to the library mission. These functions are a special and unique resource to the United States Military Academy (USMA) and they document the history of the Academy and the US Army, as well as of many of its distinguished graduates. The Learning Center functions, currently scattered across the Academy, will also benefit from being collocated with the library. The archives and special collections will be located in renovated space in the existing library.</p> <p><u>CURRENT SITUATION:</u> The library facility occupies approximately 100,000 gross square feet in Moore Wing and a small portion of the basement in Bartlett Hall. Since the library s construction, the advent of computers and technology have further strained the library; the building is not fully able to support the resources necessary to adequately implement its mission of supporting information and research specialists. Additionally, the building will not support the technology and resources necessary for modernization of the existing library. An additional 21,000 gross square feet of library storage and the Archives and Special Collections Division is located at South Post (approximately one and a half miles from the academic center). Learning Center functions occupy about 10,000 gross square feet at various locations throughout the campus.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the library and learning center functions will continue to operate in overcrowded, fragmented facilities, reducing their effectiveness for educational purposes. The procurement of materials and technology will be curtailed and critical support space such as study and reading rooms will be converted to book stacks, further degrading the learning environment. If this project is not provided,</p>		

1.COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
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3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE Library & Learning Center Incr 2	5.PROJECT NUMBER 58571
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IMPACT IF NOT PROVIDED: (CONTINUED)

the USMA library will not meet American Library Association academic space standards and reaccreditation of the USMA academic program could be put at risk. The library was a source of concern during the 1999 Middle States College and University Association reaccreditation report, as well as a 1990 accreditation evaluation.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2002
- (b) Percent Complete As Of January 2005..... 100.00
- (c) Date 35% Designed..... DEC 2002
- (d) Date Design Complete..... JAN 2004
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

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

- (a) Production of Plans and Specifications..... 3,300
- (b) All Other Design Costs..... 4,200
- (c) Total Design Cost..... 7,500
- (d) Contract..... 5,500
- (e) In-house..... 2,000

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... JUN 2008

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
United States Military Academy, New York

4. PROJECT TITLE Library & Learning Center Incr 2	5. PROJECT NUMBER 58571
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2007	191
Info Sys - PROP	OPA	2007	1,001
		TOTAL	<u>1,192</u>

Installation Engineer: COL Thomas F. Julich
Phone Number: 845-938-3415

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION United States Military Academy New York				4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 58966		8. PROJECT COST (\$000) Auth 4,000 Approp 4,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,426
Modified Record Fire Range		FP	16 --		194,045	(3,105)
General Instruction Building		m2 (SF)	74.32 (800)		2,752	(205)
Covered Mess		m2 (SF)	74.32 (800)		1,212	(90)
Renovate Control Tower		LS	--		--	(18)
Building Information Systems		LS	--		--	(8)
<u>SUPPORTING FACILITIES</u>						172
Site Imp() Demo(140)		LS	--		--	(140)
Information Systems		LS	--		--	(32)
ESTIMATED CONTRACT COST						3,598
CONTINGENCY PERCENT (5.00%)						<u>180</u>
SUBTOTAL						3,778
SUPV, INSP & OVERHEAD (5.70%)						<u>215</u>
TOTAL REQUEST						3,993
TOTAL REQUEST (ROUNDED)						4,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Modified Record Fire (MRF) Range with the additional capability of zeroing weapons on a portion of the range. Primary facilities include the MRF range, general instruction building, covered mess, and renovation of the control tower. Supporting facilities include information systems. Access for individuals with disabilities is not required. Demolish 3 Buildings (Total 183 m2/1,970 SF). Air Conditioning (Estimated 49 kW/14 Tons).						
11. REQ: 16 FP ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a Modified Record Fire (MRF) Range. (Current Mission)						
REQUIREMENT: This project is required to provide modern targetry and feedback that meet the current Army doctrine in support of rifle qualifications and familiarization training for the US Military Academy, Reserve Component (RC), and tenant units. The capability of a Modified Record Fire Range to support both familiarization and qualification training will greatly enhance scheduling flexibility and training quality.						
CURRENT SITUATION: USMA has one aging record fire range built in the early 1980's. The total soldier throughput for this range is approximately 32,000 firing events of familiarization and qualification. This equates to						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 58966
--	--------------------------------

CURRENT SITUATION: (CONTINUED)
approximately 200 training days. During peak training events, some soldiers are unable to complete the required training because the range lacks adequate capacity. The current range does not provide all of the required training scenarios. Portions of the targetry are missing and/or failing and the existing electrical supply is unreliable.
IMPACT IF NOT PROVIDED: If this project is not provided, cadets, active and reserve solders will not benefit from the latest marksmanship training technology such as location of miss and hits (LOMAH) capability. During peak training periods, lower priority units will not be able to complete their training.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	DEC 2003
(b) Percent Complete As Of January 2005.....	35.00
(c) Date 35% Designed.....	JAN 2005
(d) Date Design Complete.....	SEP 2005
(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.....	237
(b) All Other Design Costs.....	415
(c) Total Design Cost.....	652

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
United States Military Academy, New York

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 58966
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	_____	400
(e) In-house.....	_____	252
(4) Construction Contract Award.....	_____	JAN 2006
(5) Construction Start.....	_____	MAR 2006
(6) Construction Completion.....	_____	MAR 2007

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 Tom F. Julich
Phone Number: 845-938-3415

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
North Carolina	Fort Bragg (FORSCOM/SERO)				199
35361	Barracks Complex-3d Bde Incr 1	100,000	50,000	C	201
36195	Barracks Complex-DIVARTY Incr 1	113,000	35,600	C	205
44494	Barracks Complex Incr 2	0	30,611	C	208
46828	Courthouse	4,450	4,450	C	212
50342	Barracks Complex 2nd Bde Incr 1	63,000	32,000	C	215
57314	Urban Assault Course	2,100	2,100	C	219
60360	Company Operations Facility	7,300	7,300	C	222
	Subtotal Fort Bragg PART I	\$ 289,850	162,061		
	* TOTAL MCA FOR North Carolina	\$ 289,850	162,061		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. COMMAND US Army Forces Command (Installation Mgt Agency, Southeast Region)			5. AREA CONSTRUCTION COST INDEX 0.88	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	5513	35078	3791	708	2564	0	
B. END FY 2011	5536	35204	4053	862	2621	0	
						248	
						249	
						682	
						696	
						8277	
						8574	
						56,861	
						57,795	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	599,902 ha		(1,482,384 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....					5,588,783		
C. AUTHORIZATION NOT YET IN INVENTORY.....					883,617		
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....					289,850		
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....					96,400		
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....					0		
G. REMAINING DEFICIENCY.....					319,920		
H. GRAND TOTAL.....					7,178,570		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	35361	Barracks Complex-3d Bde Incr 1		50,000	01/2004	09/2005	
721	36195	Barracks Complex-DIVARTY Incr 1		35,600	12/2003	09/2005	
721	44494	Barracks Complex Incr 2		30,611	03/2003	03/2005	
610	46828	Courthouse		4,450	01/2004	09/2005	
721	50342	Barracks Complex 2nd Bde Incr 1		32,000	01/2004	09/2005	
178	57314	Urban Assault Course		2,100	01/2004	09/2005	
141	60360	Company Operations Facility		7,300	11/2003	07/2004	
				TOTAL	162,061		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. REQUESTED IN THE FY 2007 PROGRAM:							
721	Barracks Complex - Lane Street		38,000				
721	Barracks Complex-DIVARTY Incr 2		37,373				
721	Barracks Complex-3d Bde Incr 2		50,000				
178	Digital Multipurpose Range Complex-AVN		27,000				
721	Barracks Complex 2nd Bde Incr 2		31,000				
902	Central Loadout Area Control Center		11,400				
721	Barracks Complex Blackjack Street Ph 3		20,000				
				TOTAL	214,773		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Bragg, North Carolina										
10. MISSION OR MAJOR FUNCTIONS: Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
<table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks Complex-3d Bde Incr 1			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 35361		8. PROJECT COST (\$000) Auth 100,000 Approp 50,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						67,878
Barracks		m2 (SF)	27,648 (297,600)		1,402	(38,750)
Company Ops Facilities, 10 EA		m2 (SF)	10,750 (115,712)		1,282	(13,778)
Covered Equip Layout Area		m2 (SF)	2,231 (24,010)		441.32	(984)
Battalion HQs Buildings, 2 EA		m2 (SF)	3,547 (38,178)		1,401	(4,967)
Battalion Aid Station		m2 (SF)	336.40 (3,621)		1,717	(578)
Total from Continuation page						(8,821)
<u>SUPPORTING FACILITIES</u>						21,847
Electric Service		LS	--		--	(3,676)
Water, Sewer, Gas		LS	--		--	(795)
Steam And/Or Chilled Water Dist		LS	--		--	(1,571)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,809)
Storm Drainage		LS	--		--	(3,124)
Site Imp(7,072) Demo(2,719)		LS	--		--	(9,791)
Information Systems		LS	--		--	(329)
Antiterrorism/Force Protection		LS	--		--	(752)
ESTIMATED CONTRACT COST						89,725
CONTINGENCY PERCENT (5.00%)						4,486
SUBTOTAL						94,211
SUPV, INSP & OVERHEAD (5.70%)						5,370
TOTAL REQUEST						99,581
TOTAL REQUEST (ROUNDED)						100,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$100M is requested in FY 2006 with the first funding increment of \$50M. The second funding increment will be requested in a future budget request (PN 53554). The project (both increments) includes barracks, dining facility (501-800 PN), brigade headquarters, battalion aid station, 2 medium battalion headquarters with troop aid stations, and 10 company operations facilities. It includes energy monitoring and control systems (EMCS), fire alarm detection and reporting systems, automatic building sprinklers, and force protection measures. Supporting facilities include utilities, electric service, fire protection and alarm systems, paving, parking, secondary access roads, walks, curbs, and gutters, traffic signage, storm drainage, including underground stormwater retention, erosion control measures, information systems, and site improvements, including community green space, recreational areas, including two multipurpose ballfields and removal of a 20-ft hill. Heating and air conditioning will be provided by central energy plant. Antiterrorism/force protection 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. Demolish 375,317 SF including asbestos removal and lead based paint						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex-3d Bde Incr 1	5. PROJECT NUMBER 35361
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Dining Facility	m2 (SF)	2,559 (27,550)	2,331	(5,967)
Antiterrorism Force Protection	LS	--	--	(1,445)
IDS Installation	LS	--	--	(96)
EMCS Connections	LS	--	--	(314)
Building Information Systems	LS	--	--	(999)
			Total	8,821

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

abatement that is sitting in the footprint of construction. Air Conditioning (Estimated 2,110 kW/600 Tons).

11. REQ: 15,226 PN ADQT: 11,774 PN SUBSTD: 3,452 PN

PROJECT: Construct a barracks complex. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 768 soldiers. The intended utilization is 594 Junior Enlisted, and 87 Sergeants.

CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and are too small and dispersed.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$12M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg, NC. Upon completion of this multi-phased project and other projects approved through FY 2006, the

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex-3d Bde Incr 1	5. PROJECT NUMBER 35361
--	--------------------------------

ADDITIONAL: (CONTINUED)
remaining unaccompanied enlisted permanent party deficit is 820 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JAN 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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 Bragg

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 1,800
 - (b) All Other Design Costs..... 500
 - (c) Total Design Cost..... 2,300
 - (d) Contract..... _____
 - (e) In-house..... 2,300

(4) Construction Contract Award..... FEB 2006

(5) Construction Start..... APR 2006

(6) Construction Completion..... APR 2009

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex-3d Bde Incr 1	5. PROJECT NUMBER 35361
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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: Mr. Gregory Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks Complex-DIVARTY Incr 1			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 36195		8. PROJECT COST (\$000) Auth 113,000 Approp 35,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						75,911
Barracks		m2 (SF)	25,344 (272,800)		1,403	(35,562)
Battery Ops Facilities, 13 EA		m2 (SF)	14,934 (160,753)		1,281	(19,131)
Covered Equip Layout Area		m2 (SF)	3,171 (34,133)		441.37	(1,400)
Battalion HQs Buildings, 3 EA		m2 (SF)	5,320 (57,267)		1,401	(7,456)
Brigade Headquarters Building		m2 (SF)	1,144 (12,310)		1,532	(1,752)
Total from Continuation page						(10,610)
<u>SUPPORTING FACILITIES</u>						25,529
Electric Service		LS	--		--	(2,664)
Water, Sewer, Gas		LS	--		--	(926)
Steam And/Or Chilled Water Dist		LS	--		--	(2,183)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,071)
Storm Drainage		LS	--		--	(5,478)
Site Imp(4,919) Demo(5,010)		LS	--		--	(9,929)
Information Systems		LS	--		--	(324)
Antiterrorism/Force Protection		LS	--		--	(954)
ESTIMATED CONTRACT COST						101,440
CONTINGENCY PERCENT (5.00%)						<u>5,072</u>
SUBTOTAL						106,512
SUPV, INSP & OVERHEAD (5.70%)						<u>6,071</u>
TOTAL REQUEST						112,583
TOTAL REQUEST (ROUNDED)						113,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$113M is requested in FY 2006 with the first funding increment of \$35.6M. The second and third funding increment will be requested in future budget requests (PN 47349, PN 59616). The project includes 13 Battery (Company) operations facilities, three battalion headquarters, brigade headquarters, a dining facility (501-800 PN), close-in training area, recreational and community (laundry, mail room, & lobby) facilities, and primary roadway. Connect energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; picnic tables, benches, and bike racks; fencing and gates; paving, walks, curbs and gutters; parking structures; storm drainage; information systems; and site improvements. Access for individuals with disabilities will be provided in public areas. Heating and air conditioning will be provided. Demolish 37 Buildings (Total 53,997 m2/581,220 SF). Air Conditioning (Estimated 3,429 kW/975 Tons).						
11. REQ:		15,226 PN		ADQT:		11,774 PN
PROJECT:				SUBSTD:		3,452 PN
Construct a barracks complex. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex-DIVARTY Incr 1	5. PROJECT NUMBER 36195
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Dining Facility	m2 (SF)	2,559 (27,550)	2,331	(5,967)
Heating Plant Modifications	LS	--	--	(575)
Antiterrorism Force Protection	LS	--	--	(1,821)
IDS Installation	LS	--	--	(130)
EMCS Connections	LS	--	--	(450)
Building Information Systems	LS	--	--	(1,667)
			Total	10,610

REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 704 soldiers. The intended utilization is 544 Junior Enlisted, and 80 Sergeants.

CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and are too small and dispersed.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$12M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg, NC. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 820 personnel at this installation.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex-DIVARTY Incr 1	5. PROJECT NUMBER 36195
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... DEC 2003
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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 Bragg
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,900
 - (b) All Other Design Costs..... 700
 - (c) Total Design Cost..... 2,600
 - (d) Contract..... 2,200
 - (e) In-house..... 400
 - (4) Construction Contract Award..... MAR 2006
 - (5) Construction Start..... APR 2006
 - (6) Construction Completion..... DEC 2009

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

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

Installation Engineer: Mr. Gregory Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks Complex Incr 2		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 44494	8. PROJECT COST (\$000) Auth Approp 30,611		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					54,348
Enlisted Barracks		m2 (SF)	6,958 (74,895)	1,478	(10,285)
Battalion Headquarters Building		m2 (SF)	7,158 (77,050)	1,363	(9,757)
Group Headquarters Building		m2 (SF)	1,721 (18,525)	1,393	(2,397)
Dining Facility		m2 (SF)	2,080 (22,389)	2,251	(4,682)
Unaccomp Enl Pers Hsg		m2 (SF)	4,614 (49,664)	1,554	(7,170)
Total from Continuation page					(20,057)
<u>SUPPORTING FACILITIES</u>					17,383
Electric Service		LS	--	--	(1,668)
Water, Sewer, Gas		LS	--	--	(803)
Steam And/Or Chilled Water Dist		LS	--	--	(1,382)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,600)
Storm Drainage		LS	--	--	(3,043)
Site Imp(7,811) Demo(203)		LS	--	--	(8,014)
Information Systems		LS	--	--	(153)
Antiterrorism/Force Protection		LS	--	--	(720)
ESTIMATED CONTRACT COST					71,731
CONTINGENCY PERCENT (5.00%)					<u>3,587</u>
SUBTOTAL					75,318
SUPV, INSP & OVERHEAD (5.70%)					<u>4,293</u>
TOTAL REQUEST					79,611
TOTAL REQUEST (ROUNDED)					80,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$80M was requested in FY 2005 (PN 44493), with the first funding increment of \$49M. The second funding increment of \$30.611M is being requested in FY 2006. The complex includes barracks, company operations facilities, battalion headquarters with classrooms (4 large and 1 medium), a dining facility (251-500 PN), and upgrade to the existing central energy plant (CEP). Install an energy monitoring and control system (EMCS), and intrusion detection systems (IDS) for the arms vaults. Supporting facilities include utilities; electric service; steam and chilled water distribution; fire protection and alarm systems; paving, walks, curbs, and gutters; road improvements; access roads; storm drainage; erosion control measures; underground retention ponds; information systems; and site improvements. Remove underground fuel tanks, asphalt pavement, sidewalks, water pipes, sanitary sewer pipes, storm drainage, and a grease rack. Heating and air conditioning will be provided by self-contained units for the barracks. Heating and air conditioning for the battalion headquarters and Corps Support Command (COSCOM) headquarters will be provided by connection to an existing CEP. Anti-terrorism/force protection will be provided by resistance to progressive collapse, special windows and doors, and site measures. Access for					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina				
4. PROJECT TITLE Barracks Complex Incr 2	5. PROJECT NUMBER 44494			
9. <u>COST ESTIMATES (CONTINUED)</u>				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism/Force Protection	LS	--	--	(7,322)
EMCS/IDS	LS	--	--	(478)
Company Operations Building	m2 (SF)	1,094 (11,777)	1,335	(1,461)
Battalion Headquarters Building	m2 (SF)	1,487 (16,006)	1,411	(2,098)
Command Headquarters Building	m2 (SF)	3,266 (35,154)	1,753	(5,724)
Group Headquarters Building	m2 (SF)	1,689 (18,185)	1,396	(2,358)
Building Information Systems	LS	--	--	(616)
			Total	20,057
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>				
individuals with disabilities will be provided in public areas. Demolish 45 Buildings (Total 14,074 m2/151,491 SF). Air Conditioning (Estimated 1,917 kWr/545 Tons).				
<u>11. REQ:</u>	15,226 PN	<u>ADQT:</u>	11,774 PN	<u>SUBSTD:</u> 3,452 PN
<u>PROJECT:</u> Construct a barracks complex. (Current Mission)				
<u>REQUIREMENT:</u> This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 328 soldiers. The intended utilization is 254 Junior Enlisted and 37 Sergeants.				
<u>CURRENT SITUATION:</u> The existing barracks are old and inadequate. The existing operational facilities are too small and, in many cases, located in the barracks. The administrative facilities have inefficient layouts, and are too small and dispersed.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.				
<u>ADDITIONAL:</u> A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive				

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex Incr 2	5. PROJECT NUMBER 44494
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ADDITIONAL: (CONTINUED)

Orders.

During the past two years, \$12M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg, NC. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 820 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAR 2003
 - (b) Percent Complete As Of January 2005..... 95.00
 - (c) Date 35% Designed..... JAN 2004
 - (d) Date Design Complete..... MAR 2005
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,900
 - (b) All Other Design Costs..... 800
 - (c) Total Design Cost..... 2,700
 - (d) Contract..... 2,200
 - (e) In-house..... 500

- (4) Construction Contract Award..... MAR 2005

- (5) Construction Start..... APR 2005

- (6) Construction Completion..... SEP 2007

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex Incr 2	5. PROJECT NUMBER 44494
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: Mr. Gregory G. Bean
Phone Number: (910) 396-4009

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Courthouse			
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 610	7. PROJECT NUMBER 46828	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>					3,139	
Courthouse Building		m2 (SF)	1,486 (16,000)	2,018	(2,999)	
Antiterrorism/Force Protection		LS	--	--	(60)	
EMCS Connection		LS	--	--	(12)	
Building Information Systems		LS	--	--	(68)	
<u>SUPPORTING FACILITIES</u>					858	
Electric Service		LS	--	--	(125)	
Water, Sewer, Gas		LS	--	--	(87)	
Steam And/Or Chilled Water Dist		LS	--	--	(50)	
Paving, Walks, Curbs & Gutters		LS	--	--	(74)	
Storm Drainage		LS	--	--	(18)	
Site Imp(324) Demo(107)		LS	--	--	(431)	
Information Systems		LS	--	--	(56)	
Antiterrorism/Force Protection		LS	--	--	(17)	
ESTIMATED CONTRACT COST					3,997	
CONTINGENCY PERCENT (5.00%)					<u>200</u>	
SUBTOTAL					4,197	
SUPV, INSP & OVERHEAD (5.70%)					<u>239</u>	
TOTAL REQUEST					4,436	
TOTAL REQUEST (ROUNDED)					4,450	
INSTALLED EQT-OTHER APPROP					()	
10. Description of Proposed Construction Construct a two-story courthouse to include main courtroom, judge chambers, jury deliberation rooms, records rooms, press room, security room, audio video room, court staff offices and various rooms for attorneys to speak privately to clients. Provide hearing rooms, witness counseling rooms, public latrines, and space for storage of supplies and other items needed for a courthouse. Provide interior communications, and building information systems and EMCS. Supporting facilities include electric service, water, sewer, gas; paving, parking, walks, curbs and gutters; storm drainage, erosion control measures; information systems; site improvements, demolition and AT/FP protective measures. Heating and air conditioning will be provided by a self contained system. Remove existing power poles. Antiterrorism/force protection (AT/FP) measures include the 82 feet set back from the road and concrete bollards. Access for individuals with disabilities will be provided. Demolish 5 buildings (16,463 SF). Air Conditioning (Estimated 176 kW/50 Tons).						
11. REQ:		1,486 m2	ADQT:	NONE	SUBSTD:	882 m2
PROJECT: Construct courthouse. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Courthouse	5. PROJECT NUMBER 46828	
<p><u>REQUIREMENT:</u> This project is required to increase the ability of the Office of the Staff Judge Advocate (OSJA) to respond to the needs of the Fort Bragg soldiers, their family members, and military retirees in a timely fashion. This project will provide a courtroom facility that offers appropriate physical conditions for the fair administration of justice and improve the image of military justice systems with the military and civilian communities.</p> <p><u>CURRENT SITUATION:</u> The existing courtroom is located on the third floor of the Staff Judge Advocate administrative building. It was built in the 1960's and has never been improved. Court members, media members, and the general public uniformly criticize both the inadequacy of the physical facilities and the lack of an appropriate, formal, dignified setting to conduct trials. In the current configuration, two proceedings cannot be held simultaneously. Hearings for Article 32 investigations, summary Court Martials, flight evaluation boards, reduction boards, merit system protection board, Equal Employment Opportunity Commission, and other types of administrative boards must be held in dayrooms and conference rooms scattered across the installation on a first come first serve basis and are unsuitable for conducting legal proceedings. Similarly, the juvenile hearings must be held in borrowed facilities which are small and inadequate. Lack of centralized, functionally adequate hearing rooms cause delays in the processing of courts and boards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the professional image of the military justice system at Fort Bragg will continue to suffer. The inadequacy of the facilities impacts on the morale of soldiers who come before the court and the commanders who send their soldiers to court. Finally, despite the increased public interest in court proceedings, and the advance in technologies facilitating court proceedings, the Fort Bragg courtroom can facilitate neither media nor technology upgrades. Without this project the court will continue to be in an extremely small, antiquated third floor conference room in an old office building.</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/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Courthouse	5. PROJECT NUMBER 46828
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JAN 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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..... 200
- (b) All Other Design Costs..... 175
- (c) Total Design Cost..... 375
- (d) Contract..... 275
- (e) In-house..... 100

(4) Construction Contract Award..... MAR 2006

(5) Construction Start..... APR 2006

(6) Construction Completion..... APR 2007

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: Mr. Gregory G. Bean
Phone Number: (910) 396-4009

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks Complex 2nd Bde Incr 1			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 50342		8. PROJECT COST (\$000) Auth 63,000 Approp 32,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						41,811
Barracks		m2 (SF)	13,824 (148,800)		1,402	(19,376)
Company Ops Facilities, 7 EA		m2 (SF)	8,923 (96,045)		1,281	(11,430)
Battalion HQs Buildings, 2 EA		m2 (SF)	3,547 (38,178)		1,401	(4,967)
Brigade Headquarters Building		m2 (SF)	977.99 (10,527)		1,533	(1,499)
Administrative Facility		m2 (SF)	1,208 (13,000)		1,479	(1,787)
Total from Continuation page						(2,752)
<u>SUPPORTING FACILITIES</u>						14,539
Electric Service		LS	--		--	(1,628)
Water, Sewer, Gas		LS	--		--	(471)
Steam And/Or Chilled Water Dist		LS	--		--	(948)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,022)
Storm Drainage		LS	--		--	(2,097)
Site Imp(2,780) Demo(3,704)		LS	--		--	(6,484)
Information Systems		LS	--		--	(557)
Antiterrorism/Force Protection		LS	--		--	(332)
ESTIMATED CONTRACT COST						56,350
CONTINGENCY PERCENT (5.00%)						<u>2,818</u>
SUBTOTAL						59,168
SUPV, INSP & OVERHEAD (5.70%)						<u>3,373</u>
TOTAL REQUEST						62,541
TOTAL REQUEST (ROUNDED)						63,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This is an incrementally funded project. The full authorization of \$63M is requested in FY 2006 with the first funding increment of \$32M. The second funding increment will be requested in a future budget request (PN 57316). The project (both increments) includes Barracks, 7 Company Operations Facilities, 2 medium Battalion HQ buildings with troop aid stations, 1 Brigade HQ, and replacement of administrative space and an Alcohol & Drug Abuse facility that are in the construction footprint. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS) and automatic building sprinklers. Supporting facilities include utilities, electric service, low temp hot water and chilled water distribution, fire protection and alarm systems, paving, walks, curbs, and gutters, parking and road improvements, storm drainage, erosion control measures, site improvements to include outdoor recreation areas, removal of underground fuel tanks, information systems, stand alone boiler systems for buildings that are serviced by steam lines that will be demolished by this project, asbestos removal with lead base paint remediation. Access for individuals with disabilities will be provided in public areas. Heating (gas-fired) and air conditioning from a central plant will be provided. Demolish 19 Buildings (Total 46,726 m2/502,952 SF). Air Conditioning						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex 2nd Bde Incr 1	5. PROJECT NUMBER 50342
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Alcohol & Drug Abuse Building	m2 (SF)	325.16 (3,500)	1,819	(591)
Antiterrorism Force Protection	LS	--	--	(852)
IDS Installation	LS	--	--	(72)
EMCS Connections	LS	--	--	(300)
Building Information Systems	LS	--	--	(937)
			Total	2,752

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
(Estimated 3,236 kW/920 Tons).

11. REQ: 15,226 PN ADQT: 11,774 PN SUBSTD: 3,452 PN

PROJECT: Construct a barracks complex. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The Maximum barracks utilization is 384 soldiers. The intended utilization is 296 Junior Enlisted, and 44 Sergeants.

CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and are too small and dispersed.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$12M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg, NC. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 820 personnel at

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Barracks Complex 2nd Bde Incr 1	5. PROJECT NUMBER 50342	
ADDITIONAL: (CONTINUED)		
this installation.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started..... <u>JAN 2004</u>		
(b) Percent Complete As Of January 2005..... <u>35.00</u>		
(c) Date 35% Designed..... <u>JAN 2005</u>		
(d) Date Design Complete..... <u>SEP 2005</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: 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>1,650</u>		
(b) All Other Design Costs..... <u>550</u>		
(c) Total Design Cost..... <u>2,200</u>		
(d) Contract..... <u>100</u>		
(e) In-house..... <u>2,100</u>		
(4) Construction Contract Award..... <u>JAN 2006</u>		
(5) Construction Start..... <u>MAR 2006</u>		
(6) Construction Completion..... <u>MAR 2009</u>		

1.COMONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE Barracks Complex 2nd Bde Incr 1	5.PROJECT NUMBER 50342
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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: Mr.Gregory G. Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 57314	8. PROJECT COST (\$000) Auth 2,100 Approp 2,100			
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					808	
Urban Assault Course		FP	5 --	128,683	(643)	
Ammo Distribution/Storage Bldg.		m2 (SF)	40.13 (432)	1,023	(41)	
Field Service Head w/Field Line		m2 (SF)	32.98 (355)	2,476	(82)	
Building Information Systems		LS	--	--	(42)	
<u>SUPPORTING FACILITIES</u>					1,076	
Electric Service		LS	--	--	(57)	
Water, Sewer, Gas		LS	--	--	(19)	
Paving, Walks, Curbs & Gutters		LS	--	--	(19)	
Storm Drainage		LS	--	--	(4)	
Site Imp(910) Demo(33)		LS	--	--	(943)	
Information Systems		LS	--	--	(34)	
ESTIMATED CONTRACT COST					1,884	
CONTINGENCY PERCENT (5.00%)					94	
SUBTOTAL					1,978	
SUPV, INSP & OVERHEAD (5.70%)					113	
TOTAL REQUEST					2,091	
TOTAL REQUEST (ROUNDED)					2,100	
INSTALLED EQT-OTHER APPROP					()	
10. Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities include the UAC, ammunition distribution/storage building, and latrine. Supporting facilities include electric service, site utilities, and site improvements. Anti-terrorism/force protection (AT/FP) measures are included. Access for individuals with disabilities is not required. Demolish 1 Building (Total 713 m2/7,670 SF).						
11. REQ: 5 FP ADQT: NONE SUBSTD: NONE						
<u>PROJECT:</u> Construct an Urban Assault Course (UAC).(Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide an UAC and infrastructure to the current Combined Arms MOUT (Military Operations on Urban Terrain) Task Force (CAMTF) standard. The UAC will be used to train units of the XVIII Airborne Corps, USASOC, other Active Army units, Reserves and National Guard with a new type of training environment, meeting the lessons learned from recent combat deployment within threat and urban areas.						
<u>CURRENT SITUATION:</u> The existing military assault course (MAC) on Range 60 is not up to CAMTF standard.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 57314
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IMPACT IF NOT PROVIDED: If this project is not provided, it will be difficult for units to obtain and sustain the necessary combat proficiency required to win in an urban environment. The UAC facility is essential for soldiers to perfect critical skills in support of unit requirements in a live-fire environment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 35.00
 - (c) Date 35% Designed..... JAN 2005
 - (d) Date Design Complete..... SEP 2005
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 98
 - (b) All Other Design Costs..... 133
 - (c) Total Design Cost..... 231
 - (d) Contract..... 150
 - (e) In-house..... 81

- (4) Construction Contract Award..... JAN 2006

- (5) Construction Start..... MAR 2006

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 57314
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAR 2007

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: Mr. Gregory Bean
Phone Number: 910-396-4009

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Company Operations Facility		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 141	7. PROJECT NUMBER 60360	8. PROJECT COST (\$000) Auth 7,300 Approp 7,300		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,941
Company Operations Facility		m2 (SF)	3,544 (38,150)	1,280	(4,537)
Antiterrorism/Force Protection		LS	--	--	(90)
EMCS Connection		LS	--	--	(54)
IDS Installation		LS	--	--	(22)
Building Information Systems		LS	--	--	(238)
<u>SUPPORTING FACILITIES</u>					1,613
Electric Service		LS	--	--	(144)
Water, Sewer, Gas		LS	--	--	(105)
Paving, Walks, Curbs & Gutters		LS	--	--	(397)
Storm Drainage		LS	--	--	(261)
Site Imp(365) Demo()		LS	--	--	(365)
Information Systems		LS	--	--	(248)
Antiterrorism/Force Protection		LS	--	--	(93)
ESTIMATED CONTRACT COST					6,554
CONTINGENCY PERCENT (5.00%)					328
SUBTOTAL					6,882
SUPV, INSP & OVERHEAD (5.70%)					392
TOTAL REQUEST					7,274
TOTAL REQUEST (ROUNDED)					7,300
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a standard design Company Operations Facility for the Charlie Company, 3rd Battalion, 7th Special Forces Group. This project includes EMCS Connections and installation of intrusion detection system (IDS). Supporting facilities include Information systems, utilities, electrical service, fire protection and alarm system, paving, walks, curbs and gutters, parking, security lighting, storm drainage, information systems, and other site improvements, antiterrorism/force protection measures. Access for individuals with disabilities will be provided. Air Conditioning (Estimated 352 kW/100 Tons).					
11. REQ: 290,765 m2 ADQT: 167,445 m2 SUBSTD: NONE					
PROJECT: Construct a company operations facility. (Current Mission)					
REQUIREMENT: Construct a company operations facility.					
CURRENT SITUATION: The company operations were previously carried out in three separate buildings at Naval Station Roosevelt Roads, Puerto Rico. Since the Navy closed Roosevelt Roads, Charlie Company, 3rd Battalion, 7th Special Forces Group was relocated to Fort Bragg, North Carolina. The Company is currently housed in temporary structures. The temporary structures do not provide a sufficient work environment, for both safety and space needs. Due to					

1.COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
3.INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4.PROJECT TITLE Company Operations Facility	5.PROJECT NUMBER 60360	

CURRENT SITUATION: (CONTINUED)

the extreme shortage of interim workspace, the company is also working out of shipping containers, and deployable arms rooms containers.

IMPACT IF NOT PROVIDED: If this project is not provided, the 7th Special Forces Group will not be able to effectively perform its mission. Assigned personnel and their equipment will continue to be unnecessarily exposed to safety risks.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... NOV 2003
 (b) Percent Complete As Of January 2005..... 60.00
 (c) Date 35% Designed..... NOV 2004
 (d) Date Design Complete..... JUL 2004
 (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 Bragg

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

(a) Production of Plans and Specifications..... 290
 (b) All Other Design Costs..... 250
 (c) Total Design Cost..... 540
 (d) Contract..... 350
 (e) In-house..... 190

(4) Construction Contract Award..... JAN 2006

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE Company Operations Facility	5. PROJECT NUMBER 60360
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2006

(6) Construction Completion..... JUN 2007

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: Mr. Gregory Bean
Phone Number: 910-396-4009

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Oklahoma	McAlester Army Ammunition Plant (AMC/SWRO)				227
	McAlester AAP				
58530	Ammunition Container Facility	5,400	5,400	C	229
	Subtotal McAlester Army Ammunition Plant PART I\$	5,400	5,400		
	Fort Sill (TRADOC/SWRO)				233
53675	Railroad Equipment Facility	2,700	2,700	C	235
	Subtotal Fort Sill PART I	\$ 2,700	2,700		
	* TOTAL MCA FOR Oklahoma	\$ 8,100	8,100		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION McAlester Army Ammunition Plant Oklahoma		4. COMMAND US Army Materiel Command (Installation Mgt Agency, Southwest Region)		5. AREA CONSTRUCTION COST INDEX 0.84
6. PERSONNEL STRENGTH:				
	PERMANENT	STUDENTS		SUPPORTED
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 2004	2 2 1305	1 8 35	1 31 619	2,004
B. END FY 2011	2 2 1060	1 7 26	1 31 686	1,816
7. INVENTORY DATA (\$000)				
A. TOTAL AREA.....	18,196 ha	(44,964 AC)		
B. INVENTORY TOTAL AS OF 30 SEP 2004.....			2,302,443	
C. AUTHORIZATION NOT YET IN INVENTORY.....			27,400	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....			5,400	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....			3,050	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....			0	
G. REMAINING DEFICIENCY.....			118,516	
H. GRAND TOTAL.....			2,456,809	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE NUMBER PROJECT TITLE			(\$000)	START COMPLETE
421 58530 Ammunition Container Facility			5,400	02/2004 07/2005
		TOTAL	5,400	
9. FUTURE PROJECT APPROPRIATIONS:				
CATEGORY			COST	
CODE PROJECT TITLE			(\$000)	
A. REQUESTED IN THE FY 2007 PROGRAM:				
216 Fabrication Facility			3,050	
		TOTAL	3,050	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE				
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A				
10. MISSION OR MAJOR FUNCTIONS:				
<p>McAlester AAPs twofold mission is the storage and maintenance of the six munitions production areas of 20-millimeter, 40-millimeter, major caliber, medium caliber, rocket, and bombs and mines. McAlester AAP serves as a single source provider for conventional bombs and a principle munitions storage facility for the Army. McAlester is classified as a TIER 1 facility with respect to Rapid Deployment. The Active Demil mission includes explosive recycle and OB/OD energetic salvage.</p>				

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: McAlester Army Ammunition Plant, Oklahoma

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION McAlester AAP Oklahoma			4. PROJECT TITLE Ammunition Container Facility			
5. PROGRAM ELEMENT 46029A		6. CATEGORY CODE 421	7. PROJECT NUMBER 58530		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>						3,677
Loading Facility		m2 (SF)	1,440 (15,502)		1,876	(2,702)
Rails w/Ties & Ballast		m (LF)	487.68 (1,600)		837.80	(409)
Special Foundations		LS	--		--	(96)
Lightning Protection System		EA	16 --		6,800	(109)
Guard House		m2 (SF)	13.94 (150)		1,769	(25)
Total from Continuation page						(336)
<u>SUPPORTING FACILITIES</u>						1,225
Electric Service		LS	--		--	(99)
Water, Sewer, Gas		LS	--		--	(207)
Paving, Walks, Curbs & Gutters		LS	--		--	(270)
Storm Drainage		LS	--		--	(18)
Site Imp(287) Demo(86)		LS	--		--	(373)
Information Systems		LS	--		--	(100)
Antiterrorism/Force Protection		LS	--		--	(158)
ESTIMATED CONTRACT COST						4,902
CONTINGENCY PERCENT (5.00%)						245
SUBTOTAL						5,147
SUPV, INSP & OVERHEAD (5.70%)						293
TOTAL REQUEST						5,440
TOTAL REQUEST (ROUNDED)						5,400
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct an ammunition container facility. The project includes office space separated from the munitions storage area by a blast resistant wall and roof. The munitions storage area will be subdivided into several storage spaces by blast resistant walls, a covered rail dock and an enclosed truck dock with one dock ramp. The floor and docks will be elevated for loading/unloading railroad cars and semi-trailer trucks. Security lighting, fire protection, fire alarm, area lighting, security fencing, and lightning protection will be provided. An Intrusion Detection System (IDS) will be required. Heating and air conditioning will be provided. Access for individuals with disabilities will be provided in administrative areas. A building compressed air system will be provided. Demolish 1 Building (Total 1,584 m2/17,050 SF). Air Conditioning (Estimated 18 kW/5 Tons).						
11. REQ:		1,440 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct a multi-class munitions handling, storage, and shipping facility. (Current mission)						
REQUIREMENT: This project is required to provide outload capability of large shipments.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

McAlester AAP, Oklahoma

4. PROJECT TITLE Ammunition Container Facility	5. PROJECT NUMBER 58530
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Concrete Loading Ramp	EA	1 --	4,600	(5)
Concrete Hardstand	m2 (SY)	4,285 (5,125)	69.14	(296)
IDS Installation	LS	--	--	(8)
Antiterrorism/Force Protection	LS	--	--	(10)
Building Information Systems	LS	--	--	(17)
			Total	336

CURRENT SITUATION: Preparation for small quantities of shipping & receiving is conducted in a production building. When this production building is required for its primary use, which is to load, assemble, and package munitions, this function is relocated to other available buildings if quantity/distance requirements are not violated. The production building is not well suited for this function because it has only one outload dock, which eliminates simultaneous or rapid outloading capability for small shipments or strategic configuration loads. Entrances are too narrow to accommodate certain types of palletized munitions. Category I and II munitions cannot be left overnight in the building or in railcars and must be moved to permanent magazine storage on the day of shipment. The dock is too narrow and short to properly accommodate forklift traffic and no more than a single trailer at a time. Production equipment in the building presents a major obstruction to rapid response operations. The three buildings currently in use are located in the Rocket Plant, which now accommodates an x-ray operation of the Defense Ammunition Center.

IMPACT IF NOT PROVIDED: If this project is not provided, less-than-truckload (LTL) operations will have to be relocated. There are no suitable buildings available at this time. The repeated handling of munitions, and the inefficiency in the use of personnel will severely limit McAlester's ability to handle small quantities of multi-class munitions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
McAlester AAP, Oklahoma

4. PROJECT TITLE Ammunition Container Facility	5. PROJECT NUMBER 58530
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... FEB 2004
 - (b) Percent Complete As Of January 2005..... 40.00
 - (c) Date 35% Designed..... SEP 2004
 - (d) Date Design Complete..... JUL 2005
 - (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..... 250
 - (b) All Other Design Costs..... 32
 - (c) Total Design Cost..... 282
 - (d) Contract..... 200
 - (e) In-house..... 82

- (4) Construction Contract Award..... DEC 2005

- (5) Construction Start..... FEB 2006

- (6) Construction Completion..... MAY 2007

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: Mr. Terrell Wafford
Phone Number: DSN 312-956-6689

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)			5. AREA CONSTRUCTION COST INDEX 0.92	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	1319	9169	1444	866	6951	0	107 628 4111 24,595
B. END FY 2011	1295	8985	1544	567	7121	0	107 628 4111 24,358
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	37,972 ha		(93,831 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							3,193,215
C. AUTHORIZATION NOT YET IN INVENTORY.....							180,727
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							2,700
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							2,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							262,450
H. GRAND TOTAL.....							3,641,792
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
218	53675	Railroad Equipment Facility			2,700	01/2004	07/2005
TOTAL					2,700		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
904	Rail Deployment Facility			2,700			
TOTAL					2,700		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
The United States Army Field Artillery Center and Fort Sill will train soldiers and Marines, and develop Field Artillery leaders; design and develop fire support for the force; support unit training and readiness; mobilize and deploy operating forces; and maintain installation infrastructure and services.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. PROJECT TITLE Railroad Equipment Facility			
5. PROGRAM ELEMENT 46029A		6. CATEGORY CODE 218	7. PROJECT NUMBER 53675		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>						1,920
Railroad Equip/Engine Shop		m2 (SF)	787.82 (8,480)		1,645	(1,296)
Special Foundation		LS	--		--	(200)
Railroad Turnout		EA	1 --		85,138	(85)
Railroad Tracks/Ties & Ballast		m (LF)	466.95 (1,532)		691.83	(323)
Building Information Systems		LS	--		--	(16)
<u>SUPPORTING FACILITIES</u>						525
Electric Service		LS	--		--	(56)
Water, Sewer, Gas		LS	--		--	(43)
Paving, Walks, Curbs & Gutters		LS	--		--	(51)
Storm Drainage		LS	--		--	(27)
Site Imp(67) Demo(22)		LS	--		--	(89)
Information Systems		LS	--		--	(259)
ESTIMATED CONTRACT COST						2,445
CONTINGENCY PERCENT (5.00%)						122
SUBTOTAL						2,567
SUPV, INSP & OVERHEAD (5.70%)						146
TOTAL REQUEST						2,713
TOTAL REQUEST (ROUNDED)						2,700
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a railroad equipment facility for the service, maintenance, and repair of locomotives, deployment railcars, and associated rolling stock. This includes special foundations, railroad turn-out, demolitions of existing railroad tracks and construction of rail line from maintenance facility to installation railroad lines. Supporting facilities include utilities; electric service, exterior and security lighting; water recycling station; fire protection and alarm systems; paving, walks, curbs and gutters; parking; oil and water separator; security fencing and gates; information systems; and site improvements. Heating (gas-fired) and air conditioning will be provided by self-contained systems. Access for individuals with disabilities will be provided in administrative areas. Demolish 2 Buildings (Total 706 m2/7,599 SF). Air Conditioning (Estimated 7 kW/2 Tons).						
11. REQ:		788 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct Railroad Equipment facility. (Current Mission)						
REQUIREMENT: This project is required to provide maintenance facilities for the installation's locomotives, railcars, and other railroad rolling stock to support the day to day movement of supplies, equipment, munitions, and the						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4. PROJECT TITLE Railroad Equipment Facility	5. PROJECT NUMBER 53675
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REQUIREMENT: (CONTINUED)
deployment of contingency forces.
CURRENT SITUATION: All locomotives, railcars, and other rolling stock are serviced, maintained, and repaired outdoors. Weather is a big factor in the timeliness and quality of these operations.
IMPACT IF NOT PROVIDED: If this project is not provided, railroad equipment and engines will continue to be maintained in the outdoors, resulting in poor maintenance, accelerated deterioration, and hazardous working conditions for employees.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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 2005..... 60.00

(c) Date 35% Designed..... JAN 2004

(d) Date Design Complete..... JUL 2005

(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..... 100

(b) All Other Design Costs..... 150

(c) Total Design Cost..... 250

(d) Contract..... 200

(e) In-house..... 50

(4) Construction Contract Award..... DEC 2005

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

4. PROJECT TITLE Railroad Equipment Facility	5. PROJECT NUMBER 53675
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (5) Construction Start..... FEB 2006
- (6) Construction Completion..... JAN 2007

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 Mark Soltero
Phone Number: 580.442.3015

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Texas	Fort Hood (FORSCOM/SWRO)				241
23194	Vehicle Maintenance Shop	21,645	21,645	C	243
52000	Qualification Training Range	6,093	6,093	C	246
52002	Multipurpose Squad Qual Course-Scout	8,000	8,000	C	249
60156	Battalion Command and Control Facilities	6,600	6,600	C	253
60234	Fire Station	4,100	4,100	C	256
	Subtotal Fort Hood PART I	\$ 46,438	46,438		
	* TOTAL MCA FOR Texas	\$ 46,438	46,438		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Hood Texas			4. COMMAND US Army Forces Command (Installation Mgt Agency, Southwest Region)			5. AREA CONSTRUCTION COST INDEX 0.85	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	4599	35754	3303	0	429	0	76 393 6386 50,940
B. END FY 2011	4599	35444	3453	3	472	0	76 393 6386 50,826
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	86,834 ha		(214,570 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						4,746,853	
C. AUTHORIZATION NOT YET IN INVENTORY.....						627,741	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						46,438	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						73,000	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						758,273	
H. GRAND TOTAL.....						6,252,305	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
214	23194	Vehicle Maintenance Shop				21,645	01/2004 08/2005
178	52002	Multipurpose Squad Qual Course-Scout				8,000	10/2003 09/2005
178	52000	Qualification Training Range				6,093	12/2003 09/2005
731	60234	Fire Station				4,100	04/2004 09/2005
141	60156	Battalion Command and Control Facilities				6,600	12/2003 09/2005
TOTAL						46,438	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. REQUESTED IN THE FY 2007 PROGRAM:							
179		Combined Arms Collective Training Facility				27,000	
721		Barracks Complex				46,000	
TOTAL						73,000	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A	
10. MISSION OR MAJOR FUNCTIONS:							
U.S. Army Garrison provides and maintains the installation infrastructure to support power projection and training of III Corps units and soldiers; a quality living and working environment for soldiers,							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Hood, Texas										
<p>10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)</p> <p>families, retirees, and authorized civilians; sustains an effective partnership with our surrounding communities; and supports the III Corps/Fort Hood transformation process.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Vehicle Maintenance Shop			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 214	7. PROJECT NUMBER 23194		8. PROJECT COST (\$000) Auth 21,645 Approp 21,645	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,892
Vehicle Maintenance Shop		m2 (SF)	7,180 (77,284)		1,280	(9,193)
Organizational Vehicle Parking		m2 (SY)	42,529 (50,864)		72.04	(3,064)
Deployment Equip. Storage Bldg		m2 (SF)	585.29 (6,300)		630.76	(369)
Oil Storage Building		m2 (SF)	89.19 (960)		800.27	(71)
Motor Pool Dispatch Bldg.		m2 (SF)	14.86 (160)		1,390	(21)
Total from Continuation page						(1,174)
<u>SUPPORTING FACILITIES</u>						5,611
Electric Service		LS	--		--	(361)
Water, Sewer, Gas		LS	--		--	(382)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,223)
Storm Drainage		LS	--		--	(341)
Site Imp(2,242) Demo(846)		LS	--		--	(3,088)
Information Systems		LS	--		--	(216)
ESTIMATED CONTRACT COST						19,503
CONTINGENCY PERCENT (5.00%)						975
SUBTOTAL						20,478
SUPV, INSP & OVERHEAD (5.70%)						1,167
TOTAL REQUEST						21,645
TOTAL REQUEST (ROUNDED)						21,645
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a modified standard design vehicle maintenance facility to include maintenance shop, storage areas, oil and paint storage buildings, scheduled maintenance facilities, sentry station, and hardstand. Install an intrusion detection system (IDS) for the arms room. Supporting facilities include utilities, electric service, fire protection, sprinklers and alarm system, security fencing and lighting, paving, walks, curbs and gutters, storm drainage, access roads with clear zone and gates, information systems and site improvements. Heating will be provided by self-contained units. Radiant heat will be provided in maintenance bay areas. Air conditioning, in administration space and special environmental areas, will be provided by self-contained unit. Special foundation work is required due to expansive soils. Antiterrorism/Force Protection measures include mass notification system, laminated glass, hardening of the doors, and traffic control barriers. Access for individuals with disabilities will be provided. Demolish 17 Buildings (Total 7,867 m2/84,684 SF). Air Conditioning (Estimated 352 kWr/100 Tons).						
11. REQ:		226,221 m2	ADQT:	171,841 m2	SUBSTD:	7,482 m2
PROJECT: Construct a vehicle maintenance shop and supporting facilities.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 23194
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(754)
Oil/Water Separators	EA	2 --	69,000	(138)
Waste Oil/ Anti-Freeze	EA	1 --	18,000	(18)
IDS Installation	LS	--	--	(6)
Antiterrorism/Force Protection	LS	--	--	(155)
Building Information Systems	LS	--	--	(103)
			Total	1,174

PROJECT: (CONTINUED)

(Current Mission)

REQUIREMENT: This project is required to provide adequate maintenance facilities to support the Corps Support Command (COSCOM).

CURRENT SITUATION: Existing permanent shops, designed to accommodate only one tactical unit, are occupied by two or more units. One shop must support the maintenance and repair requirements of an entire Brigade. 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 which do not meet 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 over crowded maintenance facilities. Crowded conditions will continue to impair operational effectiveness and safety, reduce troop morale, and adversely effect mission accomplishment and deployment readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005																																						
3. INSTALLATION AND LOCATION Fort Hood, Texas																																								
4. PROJECT TITLE Vehicle Maintenance Shop	5. PROJECT NUMBER 23194																																							
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width:100%; border: none;"> <tr><td style="padding-left: 20px;">(a) Date Design Started.....</td><td style="text-align: right;"><u>JAN 2004</u></td></tr> <tr><td style="padding-left: 20px;">(b) Percent Complete As Of January 2005.....</td><td style="text-align: right;"><u>45.00</u></td></tr> <tr><td style="padding-left: 20px;">(c) Date 35% Designed.....</td><td style="text-align: right;"><u>DEC 2004</u></td></tr> <tr><td style="padding-left: 20px;">(d) Date Design Complete.....</td><td style="text-align: right;"><u>AUG 2005</u></td></tr> <tr><td style="padding-left: 20px;">(e) Parametric Cost Estimating Used to Develop Costs</td><td style="text-align: right;"><u>YES</u></td></tr> <tr><td style="padding-left: 20px;">(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 Hood</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width:100%; border: none;"> <tr><td style="padding-left: 20px;">(a) Production of Plans and Specifications.....</td><td style="text-align: right;"><u>1,115</u></td></tr> <tr><td style="padding-left: 20px;">(b) All Other Design Costs.....</td><td style="text-align: right;"><u>180</u></td></tr> <tr><td style="padding-left: 20px;">(c) Total Design Cost.....</td><td style="text-align: right;"><u>1,295</u></td></tr> <tr><td style="padding-left: 20px;">(d) Contract.....</td><td style="text-align: right;"><u> </u></td></tr> <tr><td style="padding-left: 20px;">(e) In-house.....</td><td style="text-align: right;"><u>1,295</u></td></tr> </table> <p>(4) Construction Contract Award..... <u>NOV 2005</u></p> <p>(5) Construction Start..... <u>DEC 2005</u></p> <p>(6) Construction Completion..... <u>JAN 2008</u></p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width:100%; border: none; margin-top: 20px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>Fiscal Year</u></th> <th style="text-align: left;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>Appropriated</u></th> <th style="text-align: left;"><u>Or Requested</u></th> </tr> <tr> <th></th> <th></th> <th style="text-align: left;"><u>(\$000)</u></th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			(a) Date Design Started.....	<u>JAN 2004</u>	(b) Percent Complete As Of January 2005.....	<u>45.00</u>	(c) Date 35% Designed.....	<u>DEC 2004</u>	(d) Date Design Complete.....	<u>AUG 2005</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>1,115</u>	(b) All Other Design Costs.....	<u>180</u>	(c) Total Design Cost.....	<u>1,295</u>	(d) Contract.....	<u> </u>	(e) In-house.....	<u>1,295</u>	<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>(\$000)</u>		NA			
(a) Date Design Started.....	<u>JAN 2004</u>																																							
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		<u>(\$000)</u>																																						
NA																																								
Installation Engineer: Mr. David Wrbas Phone Number: 254-287-5707																																								

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Qualification Training Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 52000		8. PROJECT COST (\$000) Auth 6,093 Approp 6,093	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,084
Qualification Training Range		FP	1 --		4450401	(4,450)
General Instruction Building		m2 (SF)	74.32 (800)		1,830	(136)
Operations/Storage Building		m2 (SF)	74.32 (800)		1,808	(134)
Ammo Breakdown Building		m2 (SF)	22.30 (240)		1,765	(39)
Bleacher Enclosures		m2 (SF)	55.56 (598)		1,109	(62)
Total from Continuation page						(263)
<u>SUPPORTING FACILITIES</u>						406
Electric Service		LS	--		--	(126)
Storm Drainage		LS	--		--	(82)
Site Imp(163) Demo(25)		LS	--		--	(188)
Information Systems		LS	--		--	(10)
ESTIMATED CONTRACT COST						5,490
CONTINGENCY PERCENT (5.00%)						275
SUBTOTAL						5,765
SUPV, INSP & OVERHEAD (5.69%)						328
TOTAL REQUEST						6,093
TOTAL REQUEST (ROUNDED)						6,093
INSTALLED EQT-OTHER APPROP						(1,901)
10. Description of Proposed Construction Modernize Lone Star South to a consolidated multi-use, standard design Qualification Training Range (QTR). Primary facilities include the QTR, general instruction building, operations and storage building, ammunition breakdown building, bleacher enclosure, and range control tower. Supporting facilities include electric service and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Demolish 1 Building (Total 195 m2/2,100 SF). Air Conditioning (Estimated 25 kW/7 Tons).						
11. REQ: 1 FP ADQT: NONE SUBSTD: 1 FP						
PROJECT: Modernize Lone Star South Range to a Qualification Training Range. (Current Mission)						
REQUIREMENT: This project is required to provide weapon qualification training to the Active Army and Air Force, Army and Air National Guard, and Army and Marine Corps Reserve units. This range is required to support all units with requirements for day and night qualification and field firing training for pistol, shot-gun, rifle, sniper, M60 and M2 machine gun, Squad Automatic Weapon (SAW), MK-19, and day and night sniper training, to include						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Qualification Training Range	5. PROJECT NUMBER 52000
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Range Control Tower	m2 (SF)	23.78 (256)	10,550	(251)
Building Information Systems	LS	--	--	(12)
Total				263

REQUIREMENT: (CONTINUED)

advanced rifle marksmanship training, to improve combat readiness for units. Additionally, this project will integrate the new modern infantry and armor target systems with the capability of automated scoring and operation.

CURRENT SITUATION: Facilities at Fort Hood are not capable of supporting sniper training and qualification without partially utilizing and committing full size existing ranges. This results in either ranges with poor utilization or units not receiving their required training. Also, existing ranges are not capable of supporting current and future machine gun transition and sniper standard training requirements as required. The need is currently being met through modified and degraded training standards of firing on existing rifle and tank ranges.

IMPACT IF NOT PROVIDED: If this project is not provided, the present critical lack of proficiency in combat arms techniques will continue in the high priority combat units of the Active Army, National Guard and Army Reserve units training at Fort Hood. The continuing of degraded training standards will impair training for Active Army, National Guard and Reserve active duty deployable units. Additionally, poor utilization and schedule conflicts of existing ranges will continue to exist with no possible alternative to reduce the additional resources.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Qualification Training Range	5. PROJECT NUMBER 52000
--	----------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... DEC 2003
 - (b) Percent Complete As Of January 2005..... 60.00
 - (c) Date 35% Designed..... SEP 2004
 - (d) Date Design Complete..... SEP 2005
 - (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 Hood

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 325
 - (b) All Other Design Costs..... 675
 - (c) Total Design Cost..... 1,000
 - (d) Contract..... 600
 - (e) In-house..... 400

- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... MAR 2006
- (6) Construction Completion..... JUL 2007

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 and Targetry	OPA	2006	1,900
Info Sys - ISC	OPA	2006	1
		TOTAL	<u>1,901</u>

Installation Engineer: Mr. David Wrbas
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Multipurpose Squad Qual Course-Scout			
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 52002		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>						6,355
Multipurpose Squad Qual Course		LN	1 --		5623879	(5,624)
Range Operations Center		m2 (SF)	74.32 (800)		1,108	(82)
Operations/Storage Building		m2 (SF)	74.32 (800)		1,103	(82)
General Instruction Building		m2 (SF)	74.32 (800)		1,109	(82)
Latrine		m2 (SF)	18.58 (200)		3,197	(59)
Total from Continuation page						(426)
<u>SUPPORTING FACILITIES</u>						890
Electric Service		LS	--		--	(593)
Storm Drainage		LS	--		--	(31)
Site Imp(86) Demo(69)		LS	--		--	(155)
Information Systems		LS	--		--	(104)
Fencing		LS	--		--	(7)
ESTIMATED CONTRACT COST						7,245
CONTINGENCY PERCENT (5.00%)						362
SUBTOTAL						7,607
SUPV, INSP & OVERHEAD (5.70%)						434
TOTAL REQUEST						8,041
TOTAL REQUEST (ROUNDED)						8,000
INSTALLED EQT-OTHER APPROP						(1,200)
10. Description of Proposed Construction Construct a standard design Multipurpose Squad Qualification Course-Scout Complex. Primary facilities include range operation center, operations/storage building, general instruction building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, after action review building, ammunition loading dock, and unit staging area. Existing range tower and buildings will be reconfigured to support instrumented gunnery. Supporting facilities include electric service, site utilities, and site improvements. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Access for individuals with disabilities is not required. Demolish 2 Buildings (Total 357 m2/3,840 SF). Air Conditioning (Estimated 63 kW/18 Tons).						
11. REQ:		1 LN	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct a Multi-Purpose Squad Qualification Course - Scout. (Current Mission)						
REQUIREMENT: The range is required to create a realistic instrumented environment; synthetically generating all the situational awareness and relevant common picture data for the unit's battle space to train and maintain instrumented system proficiency at crew level prior to higher level live fire						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Multipurpose Squad Qual Course-Scout	5. PROJECT NUMBER 52002
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Bleacher Enclosure	m2 (SF)	55 (592.02)	1,379	(76)
Covered Mess	m2 (SF)	74.32 (800)	845.21	(63)
Ammo Breakdown Building	m2 (SF)	11.15 (120)	2,783	(31)
After Action Review Bldg	m2 (SF)	107.02 (1,152)	1,409	(151)
Ammunition Loading Dock	m2 (SF)	26 (279.86)	910.92	(24)
Unit Staging Area	m2 (SF)	1,190 (12,809)	27.48	(33)
40mm (Grenade) Machine Gun Qual	EA	1 --	25.00	(1)
Upgrade Existing Buildings	EA	2 --	40.00	(1)
Building Information Systems	LS	--	--	(46)
			Total	426

REQUIREMENT: (CONTINUED)

training. The Instrumented Multi-Purpose Scout Qualification Course will be embedded with the necessary information and telecommunications technologies to safely track and manage all forces undergoing live fire operations, to accurately score all engagements against established standards, and to capture all the necessary telemetry and scoring information for after action review of all live fire exercises. Included among the information technology enablers will be simulation systems to create a synthetic picture of adjacent and enemy forces, and interfaces which allow targetry to be synchronized within realistic synthetic scenarios. Telecommunications enablers include fiber optic cabling with junction boxes to provide synthetic theater of war (STOW) linkages with other live and virtual training outside the range complex, and integrate Enhanced Positioning Location Reporting System (EPLRS), Single Channel Ground Airborne Radio System (SINCGARS), Advanced System Improvement Program (ASIP), and other technical architecture necessary for supporting the full range of instrumented systems to be employed. This range is required to provide instrumented enhanced combat platforms with all constituent elements featured in instrumented war fighting operations. The range will provide the capability for extended breadth and depth of scout live fire engagements against a wide variety of targetry in a safe, effective, realistic training environment.

CURRENT SITUATION: Current range facilities cannot support current and future standard live fire training requirements for the 5 Brigade reconnaissance troops. Presently the 5 Brigade reconnaissance troops must utilize multiple existing ranges and increased OPTEMPO in order to meet training requirements. Scout gunnery is dependent upon availability of existing ranges utilizing modified gunnery standards that do not meet qualification requirements. Existing ranges are not capable of processing instrumented information, nor do they possess the systems to provide

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Hood, Texas		
4. PROJECT TITLE Multipurpose Squad Qual Course-Scout	5. PROJECT NUMBER 52002	
<p><u>CURRENT SITUATION:</u> (CONTINUED) situational awareness data to firing vehicles nor receive digital reports. Present targetry will not interact with either the firing element or the Digitally Enhanced Range Operations Center Command and Control System. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, there will be a continuation of major training shortfalls for the Active Army, Army Reserve, and National Guard units training at Fort Hood. The mounted force cannot step forward to meet the realities of current and future deployments without a training facility aligned to readiness for this mission. Support of Cavalry, combined arms training strategy (CATS), regional training center (RTC), and readiness of the force will be severely impaired. These reconnaissance units will continue to train with little or no hope of attaining and maintaining the degree of proficiency required for combat with the advanced army situational awareness systems. <u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>OCT 2003</u></p> <p>(b) Percent Complete As Of January 2005..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2005</u></p> <p>(d) Date Design Complete..... <u>SEP 2005</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used: Fort Hood</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Multipurpose Squad Qual Course-Scout	5. PROJECT NUMBER 52002
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	432
(b) All Other Design Costs.....	643
(c) Total Design Cost.....	1,075
(d) Contract.....	800
(e) In-house.....	275
(4) Construction Contract Award.....	DEC 2005
(5) Construction Start.....	JAN 2006
(6) Construction Completion.....	JUL 2007

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Targetry	OPA	2006	1,200
		TOTAL	1,200

Installation Engineer: David Wrbas
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Battalion Command and Control Facilities			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 141	7. PROJECT NUMBER 60156		8. PROJECT COST (\$000) Auth 6,600 Approp 6,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,671
Battalion Headquarters Bldgs		m2 (SF)	3,084 (33,196)		1,362	(4,199)
Special Foundations		LS	--		--	(290)
Antiterrorism/Force Protection		LS	--		--	(53)
Building Information Systems		LS	--		--	(129)
<u>SUPPORTING FACILITIES</u>						1,262
Electric Service		LS	--		--	(109)
Water, Sewer, Gas		LS	--		--	(39)
Paving, Walks, Curbs & Gutters		LS	--		--	(124)
Site Imp(153) Demo(348)		LS	--		--	(501)
Information Systems		LS	--		--	(404)
Antiterrorism/Force Protection		LS	--		--	(85)
ESTIMATED CONTRACT COST						5,933
CONTINGENCY PERCENT (5.00%)						297
SUBTOTAL						6,230
SUPV, INSP & OVERHEAD (5.70%)						355
TOTAL REQUEST						6,585
TOTAL REQUEST (ROUNDED)						6,600
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct two standard-design large battalion command and control facilities with classrooms. Project includes administrative space, conference rooms, classrooms and training areas, mailroom, supply and storage, information systems. Supporting facilities include utilities, electric service, exterior lighting, water, sewer, gas, paving, walks, curbs and gutters, parking, storm drainage, information systems, and site improvements. Access for individuals with disabilities will be provided. AntiTerrorism/Force Protection measures includes hardening of the building, walls, windows, doors, and a mass notification system. Heating will be provided by self-contained systems. Demolish 8 Buildings (Total 3,102 m2/33,389 SF). Air Conditioning (Estimated 598 kW/170 Tons).						
11. REQ:		38,523 m2	ADQT:		35,439 m2	SUBSTD: 2,265 m2
PROJECT: Construct two standard-design large battalion command and control facilities with classrooms. (Current Mission).						
REQUIREMENT: This project is required to provide two battalion command and control facilities for the 1st Cavalry Division. There are no alternative facilities on or off the installation, or at nearby military installations.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Battalion Command and Control Facilities	5. PROJECT NUMBER 60156
--	--------------------------------

CURRENT SITUATION: Current battalion command and control facilities are temporary World War II vintage buildings and diverted barracks. The temporary facilities lack flexibility to provide the modern office space, classrooms, training areas, supply and storage required. These facilities are deteriorated and lack the most minimal amenities such as adequate power, lighting, heating, and air-conditioning. Many of the existing permanent battalion headquarters were constructed in the mid-50s and 60s; are grossly underscoped and do not comply with the current standard design for battalion headquarters. Additional command and control space has been obtained by converting older dining facilities. No other facilities are available to support these requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, units will continue to occupy inadequate administrative facilities. Units will be required to double occupy deteriorated facilities. Use of inadequate facilities will cause disruptions to command and control of each unit, greatly reducing mission capability and readiness.

ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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. Mission requirements, operational considerations, and location are incompatible with use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... DEC 2003
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... JUN 2005
 - (d) Date Design Complete..... SEP 2005
 - (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 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Hood, Texas

4. PROJECT TITLE Battalion Command and Control Facilities	5. PROJECT NUMBER 60156
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
Fort Hood
- | | |
|---|---------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000) |
| (a) Production of Plans and Specifications..... | 300 |
| (b) All Other Design Costs..... | 100 |
| (c) Total Design Cost..... | 400 |
| (d) Contract..... | |
| (e) In-house..... | 400 |
- (4) Construction Contract Award..... DEC 2005
- (5) Construction Start..... JAN 2006
- (6) Construction Completion..... MAR 2007

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

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

Installation Engineer: Mr. David Wrbas
Phone Number: 254-287-5707

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Fire Station		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 731	7. PROJECT NUMBER 60234	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>					2,537
Fire Station		m2 (SF)	1,221 (13,140)	1,493	(1,822)
Oil Water Separator		EA	1 --	19,612	(20)
Fueling Station		EA	1 --	112,771	(113)
Concrete Hardstand		m2 (SY)	4,882 (5,839)	65.68	(321)
Hose Drying Bed		EA	1 --	5,884	(6)
Total from Continuation page					(255)
<u>SUPPORTING FACILITIES</u>					1,139
Electric Service		LS	--	--	(251)
Water, Sewer, Gas		LS	--	--	(65)
Paving, Walks, Curbs & Gutters		LS	--	--	(100)
Storm Drainage		LS	--	--	(93)
Site Imp(141) Demo(149)		LS	--	--	(290)
Information Systems		LS	--	--	(317)
Antiterrorism/Force Protection		LS	--	--	(23)
ESTIMATED CONTRACT COST					3,676
CONTINGENCY PERCENT (5.00%)					<u>184</u>
SUBTOTAL					3,860
SUPV, INSP & OVERHEAD (5.70%)					<u>220</u>
TOTAL REQUEST					4,080
TOTAL REQUEST (ROUNDED)					4,100
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a modified standard design fire station at Hood Army Airfield. Project include 5 apparatus bays, storage for bunker gear, storage for hazardous material absorbents, commercial wash room, decontamination room, breathing air fill station, kitchen, dining room, training room, inspectors area, dormitory rooms, administration area, workroom, physical training room, hardstand, fueling station, oil/water separator, emergency power and information systems. Supporting facilities will include electric service, water, sewer, gas, paving, walks, curbs, and gutters; access drives, POV parking, safety traffic signals, security lighting; storm drainage; information systems; and site improvements. Antiterrorism Force Protection includes hardening of windows and doors. Access for individuals with disabilities will be provided in administrative areas. Infrared unit heaters in apparatus bays, and self-contained gas-fired units in the rest of facility will provide heating. Special foundation required by expansive soil. Demolish 1 Building (Total 1,219 m2/13,124 SF). Air Conditioning (Estimated 193 kW/55 Tons).					
11. REQ: 2,932 m2		ADQT: 1,711 m2		SUBSTD: 1,114 m2	
PROJECT: Construct a fire/crash/rescue station at Hood Army Airfield.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 60234
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Emergency Generator	kWe(KW)	200 (200)	294.20	(59)
Special Foundations	LS	--	--	(138)
Antiterrorism/Force Protection	LS	--	--	(23)
Building Information Systems	LS	--	--	(35)
			Total	255

PROJECT: (CONTINUED)
(Current Mission)

REQUIREMENT: This project is required to provide adequate fire/crash/rescue facilities at Hood Army Airfield and to reduce response times to the installation for airfield operations as well as adjacent barracks, administrative and community facilities. The project will provide adequate space for fire department personnel and for fire equipment vehicles now stored in buildings that are not readily accessible to fire personnel. The required emergency response time is 5 minutes for structural response and no more than 3 minutes for aircraft crash response time.

CURRENT SITUATION: Fort Hood has fire station support for Hood Army Airfield in a structure that is inadequate in size to support both personnel and equipment. The existing facility is antiquated, mold, and mildew infested. Hood Army Airfield serves as a fire/crash/rescue station for rotary wing aircraft. The substandard facility is not sized to support the modern fire fighting equipment and does not have sleeping facilities that adequately serve men and women. The personnel have made adjustments that include sleeping in camper trailers located in the parking lots next to the fire station. The growth of Hood Army Airfield has resulted in the fire station being located in a less than adequate location. The proposed site for the new fire station will afford protection for administrative, barracks, and community facilities that adjoin the airfield as well as allowing immediate access to the airfield apron. This will significantly impact response times where the success of fire suppression and rescue missions are measured in seconds.

IMPACT IF NOT PROVIDED: If this project is not provided, an outdated, inefficient facility will continue to be used. The separation of sleeping/work areas results in slower response times and a lowering of morale among the fire fighters. As larger, more complex fire fighting equipment is brought on line, required facilities to properly house, maintain, and secure this equipment will not be available. The poor functional arrangement inhibits efficient operation and adversely affects operational readiness, training, and morale. Total personnel effectiveness, quick response times, and crash support cannot be realized without constructing a modern, fully equipped fire/crash/rescue center.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 60234
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ADDITIONAL: A parametric cost estimate based upon project engineering design was used to develop this budget estimate. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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 Hood

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

- (a) Production of Plans and Specifications..... 100
- (b) All Other Design Costs..... 65
- (c) Total Design Cost..... 165
- (d) Contract..... _____
- (e) In-house..... 165

(4) Construction Contract Award..... DEC 2005

(5) Construction Start..... JAN 2006

(6) Construction Completion..... JAN 2007

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005								
3. INSTALLATION AND LOCATION Fort Hood, Texas										
4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 60234									
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p>A. Estimated Design Data: (Continued)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="0" data-bbox="289 625 1502 787"> <thead> <tr> <th data-bbox="289 659 483 716"><u>Equipment</u> <u>Nomenclature</u></th> <th data-bbox="768 659 976 716"><u>Procuring</u> <u>Appropriation</u></th> <th data-bbox="1166 625 1360 716"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th data-bbox="1406 659 1502 716"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="846 758 881 779" style="text-align: center;">NA</td> </tr> </tbody> </table> <p style="text-align: right; margin-right: 100px;">Installation Engineer: Mr David Wrbas Phone Number: (254) 287-5707</p>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
-----	-----		REQUEST	REQUEST			
PROJECT	PROJECT TITLE		-----	-----			
NUMBER	-----		-----	-----			
-----	-----		-----	-----			
Utah	Dugway Proving Ground (ATEC/NWRO)						263
51637	Michael Army Airfield Runway Ph 2		25,000	25,000	C		265
	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 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Dugway Proving Ground Utah			4. COMMAND US Army Test and Evaluation Command (Installation Mgt Agency, Northwest Region)			5. AREA CONSTRUCTION COST INDEX 1.05	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	15	47	552	0	0	0	3 167 936 1,720
B. END FY 2011	15	47	554	0	0	0	3 167 936 1,722
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	323,027 ha		(798,214 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							1,104,394
C. AUTHORIZATION NOT YET IN INVENTORY.....							7,450
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							25,000
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							15,200
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							279,250
H. GRAND TOTAL.....							1,431,294
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START	COMPLETE
111	51637	Michael Army Airfield Runway Ph 2			25,000	11/2003	09/2005
TOTAL					25,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
111	Michael Army Airfield Runway Ph 3			15,200			
TOTAL					15,200		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
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 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Dugway Proving Ground Utah			4. PROJECT TITLE Michael Army Airfield Runway Ph 2			
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 111	7. PROJECT NUMBER 51637		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>						13,640
Main Runway		m2 (SY)	212,771 (254,472)		54.73	(11,645)
Decontamination Pad With Curb		m2 (SY)	34,361 (41,096)		51.47	(1,768)
Connector Taxiway		m2 (SY)	4,345 (5,196)		51.49	(224)
Building Information Systems		LS	--		--	(3)
<u>SUPPORTING FACILITIES</u>						8,944
Electric Service		LS	--		--	(1,627)
Site Imp(7,297) Demo()		LS	--		--	(7,297)
Information Systems		LS	--		--	(20)
ESTIMATED CONTRACT COST						22,584
CONTINGENCY PERCENT (5.00%)						<u>1,129</u>
SUBTOTAL						23,713
SUPV, INSP & OVERHEAD (5.70%)						<u>1,352</u>
TOTAL REQUEST						25,065
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction This project is Phase 2 of 3 phases. Phase 1 is FY02 (PN 57674), Phase 3 will be requested in a future budget request (PN 57590). Demolish the existing 13,125-foot by 200-foot asphalt runway and construct a new 11,000-foot by 150-foot Class B runway, including 1,000-foot displaced thresholds at both ends. The interior 9,000-foot will consist of a 75-foot wide concrete keel section with the remaining width to be asphalt, with 25-foot paved shoulders. The turn-around sections at each end will be 300 feet in length by 215 feet in width. Construct new decontamination pad with containment curbing and a 75-foot wide concrete connector taxiway, with 25-foot wide paved shoulders. Construct five connector taxiways, one at each end of the existing interim runway, and three interior at approximately 2500-foot spacing. Construct new electrical vault to house all airfield lighting and power equipment, including relocation of existing electrical systems. Access for individuals with disabilities is not required.						
11. REQ:		251,477 m2	ADQT:		NONE	SUBSTD: 243,898 m2
PROJECT: Construct a main airfield runway (Current Mission).						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Dugway Proving Ground, Utah

4. PROJECT TITLE Michael Army Airfield Runway Ph 2	5. PROJECT NUMBER 51637
---	--------------------------------

REQUIREMENT: Michael Army Airfield (MAAF) is a critical asset to the continued operation of the Army's test and evaluation mission and force protection. In addition to the historical requirement to receive chemical and biological agents and related equipment for testing of detection, protection and decontamination equipment and systems, Dugway has been assigned a classified National Command Authority directed mission which requires MAAF to allow several aircraft to land or take off simultaneously in all weather, at any time for all US Air Force cargo and fighter aircraft. The speed of delivery and isolation from other potential contamination sites makes air delivery of these items critical.

CURRENT SITUATION: The existing main runway has failed. The main runway was closed upon completion of the Phase 1 interim runway in November 2003. Planning coordination with the US Army Aeronautical Services Agency (USAASA) and the Federal Aviation Administration has been accomplished.

IMPACT IF NOT PROVIDED: If this project is not provided, the airfield will close within the next four years, and the Department of Defense (DoD) will have to forego the capability to rapidly identify and respond to suspected chemical/biological agent attacks. The current asphalt interim runway has a limited life and availability for continuance of the mission requirements. It was constructed with five major waivers to the minimum requirements necessary to be cost-effective and was intended to be temporary.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Dugway Proving Ground, Utah

4. PROJECT TITLE Michael Army Airfield Runway Ph 2	5. PROJECT NUMBER 51637
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (2) Basis:
 (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-------|
| (a) Production of Plans and Specifications..... | 1,150 |
| (b) All Other Design Costs..... | 350 |
| (c) Total Design Cost..... | 1,500 |
| (d) Contract..... | |
| (e) In-house..... | 1,500 |
- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... MAR 2006
- (6) Construction Completion..... MAR 2008

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: Mr. John Craig
Phone Number: 435-831-2162

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Virginia	Fort Belvoir (MDW/NERO)				271
62297	Defense Access Road Ph 1	18,000	5,000	C	273
	Subtotal Fort Belvoir PART I	\$ 18,000	5,000		
	Fort A P Hill (FORSCOM/NERO)				275
12535	Modified Record Fire Range	2,700	2,700	C	277
	Subtotal Fort A P Hill PART I	\$ 2,700	2,700		
	Fort Myer (MDW/NERO)				281
54960	Child Development Center	15,200	15,200	C	283
	Subtotal Fort Myer PART I	\$ 15,200	15,200		
	* TOTAL MCA FOR Virginia	\$ 35,900	22,900		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Belvoir Virginia			4. COMMAND US Army Military District of Washington (Installation Mgt Agency, Northeast Region)			5. AREA CONSTRUCTION COST INDEX 1.02	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL TOTAL	
A. AS OF 30 SEP 2004	1385	2465 5334	40	230 129	701	543 11936 22,763	
B. END FY 2011	1363	2402 5283	42	229 129	726	543 11942 22,659	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	3,515 ha		(8,686 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						2,069,256	
C. AUTHORIZATION NOT YET IN INVENTORY.....						21,007	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						18,000	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						27,000	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						601,593	
H. GRAND TOTAL.....						2,736,856	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START COMPLETE	
851	62297	Defense Access Road Ph 1			5,000		
TOTAL					5,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
851	Defense Access Road Ph 2			13,000			
760	Museum Support Center			27,000			
TOTAL					40,000		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Provide installation support to authorized units, activities and personnel assigned to or located in the Fort Belvoir geographical support region including: Army Material Command, Intelligence and Security Command, Defense Threat Reduction Agency, Defense Logistics Agency, U.S. Army Criminal Investigation Command, National Geospatial-Intelligence Agency, Defense Acquisition University, Army Management Staff College, Army Force Management School, Army Inspector General School, and Defense Contract Audit Command.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Belvoir, Virginia										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Belvoir Virginia			4. PROJECT TITLE Defense Access Road Ph 1			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 851	7. PROJECT NUMBER 62297		8. PROJECT COST (\$000) Auth 18,000 Approp 5,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Access Roads, Ft Belvoir		LS	--		--	18,000 (18,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						18,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						18,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						18,000
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction The full authorization of \$18M is requested in FY06 along with Phase 1 funding of \$5M. The balance (\$13M) (Phase II), will be requested in a future budget request (PN 56062). Finance design, right-of-way, and construction of: new off-installation entrances to Army activities; urgently needed improvements of existing highways serving Army activities; the Federal Government share of the cost of relocating highways severed by expansion or construction of new Army facilities; and alterations to roads near Army activities to accommodate special military vehicles. Funds provided will be transferred to the Federal Highway Administration of the Department of Transportation, which is responsible under Title 23 USC 210 for assuring proper execution of the work. This is for Phase 1 (environmental mitigation, right-of-way, utilities, construction) of the Army share of highway improvements needed in/around Fort Belvoir's North Post to mitigate the closure of Beulah Street and Woodlawn Road.						
11. REQ:		2 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Finance design, right-of-way and construction of highways serving Ft Belvoir. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Belvoir, Virginia

4. PROJECT TITLE Defense Access Road Ph 1	5. PROJECT NUMBER 62297
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REQUIREMENT: Physical Security and Force Protection requirements necessitated the Army's closure in FY02 of Beulah Street (State Route 613) and Woodlawn Road (State Route 618) - a 2-lane connector - through Fort Belvoir's North Post. These State highways carried significant amounts of Defense and civilian traffic between Telegraph Road (State Route 611) and Richmond Road (US Route 1). Although Beulah Street and Woodlawn Road have since reopened to Defense traffic, civilian motorists must still circumnavigate North Post, traveling further distances on existing routes between Telegraph Road and US Route 1. The diverted traffic volumes worsen previous congestion levels along these highways. Highway improvements are needed in/around North Post to mitigate the road closure impacts. The proposed Defense Access Road project includes design, right-of-way, utilities, and construction required to construct a 2-lane Army share of a new highway connector that will establish an adequate replacement route between Telegraph Road and US Route 1.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force protection measures are required.

Installation Engineer: Mr. William Sanders
Phone Number: 703-806-3017

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005				
3. INSTALLATION AND LOCATION Fort A P Hill Virginia			4. COMMAND US Army Forces Command (Installation Mgt Agency, Northeast Region)			5. AREA CONSTRUCTION COST INDEX 0.98					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.	AS OF 30 SEP 2004	59	382	242	0	0	0	2	32	150	867
B.	END FY 2011	58	382	238	0	0	0	2	32	164	876
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		30,718 ha		(75,905 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2004.....											369,977
C. AUTHORIZATION NOT YET IN INVENTORY.....											16,175
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....											2,700
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....											0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....											0
G. REMAINING DEFICIENCY.....											3,462,920
H. GRAND TOTAL.....											3,851,772
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
178	12535	Modified Record Fire Range				2,700		01/2004	06/2006		
						TOTAL		2,700			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE	PROJECT TITLE				(\$000)						
A. REQUESTED IN THE FY 2007 PROGRAM:		NONE									
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		NONE									
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A									
10. MISSION OR MAJOR FUNCTIONS:											
To provide realistic joint and combined arms training, logistics and support, enabling America's Defense Forces to win on 21st century battlefields.											
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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort A P Hill Virginia				4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 12535		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>						1,816
Modified Record Fire Range		FP	16	--	77,150	(1,234)
Control Tower, Zero Range		m2 (SF)	23.04	(248)	3,190	(73)
Ammo Breakdown Bldg, Zero Range		m2 (SF)	23.69	(255)	1,255	(30)
Bleacher Enclosure, Zero Range		m2 (SF)	55.74	(600)	588.16	(33)
Control Tower, MRF		m2 (SF)	23.04	(248)	4,046	(93)
Total from Continuation page						(353)
<u>SUPPORTING FACILITIES</u>						523
Electric Service		LS	--	--	--	(35)
Water, Sewer, Gas		LS	--	--	--	(222)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(172)
Site Imp() Demo(92)		LS	--	--	--	(92)
Information Systems		LS	--	--	--	(2)
ESTIMATED CONTRACT COST						2,339
CONTINGENCY PERCENT (5.00%)						117
SUBTOTAL						2,456
SUPV, INSP & OVERHEAD (5.70%)						140
DESIGN/BUILD - DESIGN COST						98
TOTAL REQUEST						2,694
TOTAL REQUEST (ROUNDED)						2,700
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Modified Record Fire (MRF) Range. The primary facilities include the MRF range, control towers, latrine, operations/storage building, ammunition breakdown buildings, bleacher enclosures, covered mess, organizational classroom, and information systems. Supporting facilities include electric service, site utilities, and information systems. Related construction includes the relocation of Range 35 (Basic 10-25M Range - Zero) and the relocation of a portion of Reservation Road 608. Access for individuals with disabilities is not required. Demolish 13 Buildings (Total 448 m2/4,826 SF). Air Conditioning (Estimated 28 kW/8 Tons).						
11. REQ:		32 FP		ADQT:		16 FP
						SUBSTD:
						NONE
<u>PROJECT:</u> Construct a Modified Record Fire Range. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide a MRF range to provide adequate field fire, night fire, and record fire training for soldiers. This project will support the annual requirement for 174-weekend and 111-weekday days of record fire and 174 days of night firing as documented in the Training Facility Requirements Analysis. This project will also support weekend surge and Reserve Component Annual Training peak periods.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort A P Hill, Virginia

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 12535
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ammo Breakdown Bldg, MRF	m2 (SF)	23.69 (255)	1,115	(26)
Bleacher Enclosure, MRF	m2 (SF)	55.74 (600)	596.34	(33)
Cover Mess, MRF	m2 (SF)	74.32 (800)	747.90	(56)
Operations/Storage Bldg, MRF	m2 (SF)	74.32 (800)	1,002	(74)
Organizational Classroom	m2 (SF)	74.32 (800)	1,051	(78)
Latrine, MRF Range	m2 (SF)	32.98 (355)	2,583	(85)
Building Information Systems	LS	--	--	(1)
Total				353

CURRENT SITUATION: Fort A. P. Hill (FAPH) has two MFR ranges (Ranges 32 and 34) that meet Army standards for Basic Rifle Marksmanship (BRM) qualification. These ranges cannot meet the FAPH throughput requirements for units requiring M16 qualification. The utilization rate results in numerous units being turned away for familiarization and record fire training time. The existing Range 37 is a non-automated field fire range. This range has no night fire capability and does not meet individual weapons qualification requirements as outlined in DA PAM 350-38. It does not meet the training and STRAC requirements for unit weapons qualification.

IMPACT IF NOT PROVIDED: If this project is not provided, sufficient MRF range facilities will not be available for all basic rifleman marksmanship qualification during weekend surge periods and Reserve Component Annual Training periods, which will result in numerous turn-downs of units requesting ranges. The ability of FAPH to provide the training facilities required by Active and Reserve Component units will continue to be inadequate and will be exacerbated as the number of personnel requiring rifle marksmanship training and qualification increases. The lack of training and qualification opportunities will adversely affect the combat readiness of units training at FAPH.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort A P Hill, Virginia		
4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 12535	
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JAN 2004	_____
(b) Percent Complete As Of January 2005.....	20.00	_____
(c) Date 35% Designed.....	APR 2006	_____
(d) Date Design Complete.....	JUN 2006	_____
(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 Leonard Wood		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	100	_____
(b) All Other Design Costs.....	75	_____
(c) Total Design Cost.....	175	_____
(d) Contract.....	25	_____
(e) In-house.....	150	_____
(4) Construction Contract Award.....		
	FEB 2006	_____
(5) Construction Start.....		
	JUN 2006	_____
(6) Construction Completion.....		
	JUL 2007	_____
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment	Procuring	Fiscal Year
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u> <u>Cost</u>
		<u>Or Requested</u> <u>(\$000)</u>
NA		
Installation Engineer: Mr. Benjamin McBride		
Phone Number: 804-633-8215		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005				
3. INSTALLATION AND LOCATION Fort Myer Virginia			4. COMMAND US Army Military District of Washington (Installation Mgt Agency, Northeast Region)			5. AREA CONSTRUCTION COST INDEX 1.02					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004		94	1678	519	0	0	0	97	1215	811	4,414
B. END FY 2011		110	1712	509	0	0	0	97	1215	811	4,454
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		194 ha		(480 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2004.....								782,161			
C. AUTHORIZATION NOT YET IN INVENTORY.....								75,826			
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....								15,200			
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....								0			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....								0			
G. REMAINING DEFICIENCY.....								35,143			
H. GRAND TOTAL.....								908,330			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
737	54960	Child Development Center				15,200		11/2002	09/2005		
						TOTAL		15,200			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE	PROJECT TITLE				(\$000)						
A. REQUESTED IN THE FY 2007 PROGRAM: NONE											
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE											
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A					
10. MISSION OR MAJOR FUNCTIONS:											
<p>Operate the Army's Showcase Community in the National Capital Region. Fort Myer serves as a troop/ceremonial post in support of missions assigned to the US Army Military District of Washington. Fort Myer provides troop housing for the 3rd Infantry Regiment (The Old Guard), the US Army Band (Pershing's Own), and authorized members of all services within the National Capital Region. Fort Myer provides housing for the Chairman, Joint Chiefs of Staff, the Chief of Staff, Army and the Chief of Staff, Air Force. Fort Myer, the Old Guard and the Army Band are responsible for supporting Arlington National Cemetery and numerous military ceremonies and public events throughout the Nation's Capital. Fort Myer provides base operations (BASOPS) support to the Pentagon, the White House and other authorized claimants throughout the National Capital Region. The 3rd Infantry Regiment supports contingency missions throughout the National Capital Region.</p>											

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Fort Myer, Virginia

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Myer Virginia			4. PROJECT TITLE Child Development Center			
5. PROGRAM ELEMENT 28719A	6. CATEGORY CODE 737	7. PROJECT NUMBER 54960	8. PROJECT COST (\$000) Auth 15,200 Approp 15,200			
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					11,019	
Child Development Center		m2 (SF)	4,722 (50,831)	2,065	(9,751)	
Playground, General Purpose		m2 (SF)	6,248 (67,256)	146.60	(916)	
Special Foundations		LS	--	--	(163)	
Antiterrorism/Force Protection		LS	--	--	(133)	
Building Information Systems		LS	--	--	(56)	
<u>SUPPORTING FACILITIES</u>					2,676	
Electric Service		LS	--	--	(265)	
Water, Sewer, Gas		LS	--	--	(47)	
Paving, Walks, Curbs & Gutters		LS	--	--	(490)	
Storm Drainage		LS	--	--	(402)	
Site Imp(207) Demo(780)		LS	--	--	(987)	
Information Systems		LS	--	--	(390)	
Antiterrorism/Force Protection		LS	--	--	(95)	
ESTIMATED CONTRACT COST					13,695	
CONTINGENCY PERCENT (5.00%)					<u>685</u>	
SUBTOTAL					14,380	
SUPV, INSP & OVERHEAD (5.70%)					<u>820</u>	
TOTAL REQUEST					15,200	
TOTAL REQUEST (ROUNDED)					15,200	
INSTALLED EQT-OTHER APPROP					()	
10. Description of Proposed Construction Construct a modified standard design Child Development Center (CDC). Project includes space for 438 children to include, 348 children 6 weeks to 5 years of age and 90 children 6 to 12 years of age. The project will include 8 infant/pre-toddler modules, 3 toddler modules, and 3 preschool modules, and a School age wing to include a computer/homework lab, activity rooms and a large multi-purpose room. Age appropriate and separate outdoor activity space is required. The objective is to provide a safe, secure and age appropriate indoor and outdoor activity space. The entry will be arranged for security and to separate older children from that for younger children. Facility must provide staff with visual control of the entire building (inside and out) and to aid them in facilitating programming, supervising the children, and supervising activities. Facility must be child friendly, designed to support risk management, easily adaptable for staff, and relatively maintenance free. Specific interior use areas to include: patron reception/entrance area; central storage; supply rooms; administrative areas; staff lounge/training room; outdoor storage areas; isolation room; kitchen; laundry; and janitor closets will be located to take advantage of co-utilization by all age groups. Activity rooms for younger children include such things as toilets and diapering stations, adult toilet in infant rooms.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Myer, Virginia		
4. PROJECT TITLE Child Development Center	5. PROJECT NUMBER 54960	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>Space for older age children will be designed to support baseline programming in the areas of Mentoring, Intervention, and Education Support Services (i.e. Homework Centers, Mentoring Programs); Life Skill, Citizenship, and Leadership Opportunities (i.e. Computer Labs, Workforce Preparation,, Youth Councils); Sports, Fitness and Health Options (i.e. Individual or Group Sports and Fitness Activities, skill building clinics, nutrition counseling); and Arts, Recreation and Leisure Activities (i.e. self-directed activities, snack/nutrition area, individual or group lessons). Separate male and female restrooms for older children are required. All aspects of the facility must be designed to provide the latest accessibility to the public/staff and applicable handicapped children standards. The School Age areas must be designed to assist children in making independent activity choices and enable them to move freely from one activity area to another. Physical security and anti-terrorism measures will be in accordance with the latest version of the Department of Defense Antiterrorism Minimum Construction Standards for Buildings. Supporting facilities cost is high due to the building demolition and paving and storm water requirements. Anti-terrorism/force protection (AT/FP) measures are included. Heating and air conditioning 100 tons will be provided by a self-contained unit. Special foundations are required. Special architectural treatments to include brick facades and slate-look roofing are required for historical district compatibility and compliance with National Capital Planning Commission guidelines and the Fort Myer Installation Design Guide. Demolish 1 Building (Total 3,611 m2/38,865 SF). Air Conditioning (Estimated 352 kW/100 Tons).</p>		
<p><u>11. REQ:</u> 4,722 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> 2,198 m2</p> <p><u>PROJECT:</u> Construct a modified standard-design 438-child Child Development Center (CDC) . (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide a full range of child care services and to accommodate children between the ages of 6 weeks and 12 years. This project is intended as a replacement facility that has reached the end of its life expectancy, as well as to expand the child care requirements to accommodate children who will be displaced by the closing of the Pentagon CDC. This facility is needed to provide a safe and healthy environment for dependent children of active duty personnel and children of eligible civilian Government employees. This project will also provide before and after school services, school out days, and holidays for children 6-12 years of age. This project is required to enhance mission performance by reducing lost duty time and to increase readiness by reducing conflict between mission requirements and parental responsibilities. The proposed usage of the new facility will include all programs as required to meet the installation needs.</p> <p><u>CURRENT SITUATION:</u> This installation has a documented need for 583 child care spaces. These numbers have been validated by the Northeast Region. There is a civilian population of 801 who are also eligible to use this facility. In</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Fort Myer, Virginia		
4. PROJECT TITLE Child Development Center	5. PROJECT NUMBER 54960	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>addition, the closure of the Pentagon Child Development Center (CDC) has exacerbated the need for additional child care spaces at Fort Myer. More than 120 children, ages 6 weeks to 5 years, are in need of alternate placement; 33 have already registered for care at the current Fort Myer CDC and 286 are on the waiting list for a new Fort Myer facility. Adequate care and particularly infant care in the local economy is almost non-existent in the Washington, DC area. The high cost of care in the metropolitan area is prohibitive for our military and Government workers. The present facility at Fort Myer is regularly inspected on an annual basis by fire, safety, and health proponents and the Region Child and Youth Evaluation Team (RCYET). The facility has been sited for numerous deficiencies, but equivalencies have been put into place to ensure the safety and welfare of children and allow this facility to remain operational. These equivalencies are only temporary fixes, cannot be sustained indefinitely, and require continual expenditure of operation and maintenance dollars.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the existing facility will remain in use providing care in an old renovated facility not built for child care needs and space requirements. Waiting time for care will continue to be excessive, and mission effectiveness will be compromised due to a direct correlation between adequate support to families during times of deployments and the performance of duties associated with defense of our Nation. There is no other viable economic permanent solution to the existing Pentagon location conflict.</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/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p> (1) Status:</p> <p> (a) Date Design Started..... <u>NOV 2002</u></p> <p> (b) Percent Complete As Of January 2005..... <u>35.00</u></p> <p> (c) Date 35% Designed..... <u>JAN 2005</u></p> <p> (d) Date Design Complete..... <u>SEP 2005</u></p> <p> (e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Myer, Virginia

4. PROJECT TITLE Child Development Center	5. PROJECT NUMBER 54960
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	645
(b) All Other Design Costs.....	555
(c) Total Design Cost.....	1,200
(d) Contract.....	900
(e) In-house.....	300

(4) Construction Contract Award..... DEC 2005

(5) Construction Start..... JAN 2006

(6) Construction Completion..... JUN 2007

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: Mr John T. Russo
Phone Number: 703-696-6400

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Washington	Fort Lewis (FORSCOM/NWRO)				289
50381	Barracks Complex-North Fort	49,949	49,949	C	291
53636	Barracks Complex	50,000	50,000	C	294
	Subtotal Fort Lewis PART I	\$ 99,949	99,949		
	* TOTAL MCA FOR Washington	\$ 99,949	99,949		
** TOTAL INSIDE THE UNITED STATES FOR MCA		\$ 1,057,772	1,079,901		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005				
3. INSTALLATION AND LOCATION Fort Lewis Washington		4. COMMAND US Army Forces Command (Installation Mgt Agency, Northwest Region)		5. AREA CONSTRUCTION COST INDEX 1.06			
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	3072	18308	2882	16	243	2	124 706 5351 30,704
B. END FY 2011	3130	18551	2952	25	257	0	124 706 5351 31,096
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	164,576 ha		(406,675 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							5,785,726
C. AUTHORIZATION NOT YET IN INVENTORY.....							479,137
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							99,949
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							81,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							37,760
G. REMAINING DEFICIENCY.....							338,060
H. GRAND TOTAL.....							6,821,632
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	50381	Barracks Complex-North Fort		49,949	01/2004	06/2006	
721	53636	Barracks Complex		50,000	01/2004	09/2005	
				TOTAL			99,949
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE				(\$000)		
A. REQUESTED IN THE FY 2007 PROGRAM:							
721	Barracks Complex				34,000		
721	Barracks Complex				47,000		
				TOTAL			81,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):							
178	Digital Multipurpose Range Complex				37,760		
				TOTAL			37,760
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):							N/A
10. MISSION OR MAJOR FUNCTIONS:							
Support and training of I Corps Headquarters and organizations assigned to I Corps, 2/75th Rangers and 1st SFG. Support Madigan Army Medical Center, Reserve Component annual training, and							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005								
INSTALLATION AND LOCATION: Fort Lewis, Washington										
<p>10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)</p> <p>mobilization/demobilization. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Barracks Complex-North Fort			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 50381		8. PROJECT COST (\$000) Auth 49,949 Approp 49,949	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						33,550
Barracks		m2 (SF)	6,800 (73,195)		1,706	(11,601)
Company Ops Facilities, 7 EA		m2 (SF)	9,078 (97,720)		1,489	(13,516)
Covered Equip Layout Area		m2 (SF)	1,901 (20,457)		486.95	(925)
Battalion HQs Buildings, 2 EA		m2 (SF)	2,974 (32,012)		1,674	(4,978)
Storage Facilities, 7 EA		m2 (SF)	70 (753.47)		1,227	(86)
Total from Continuation page						(2,444)
<u>SUPPORTING FACILITIES</u>						9,815
Electric Service		LS	--		--	(819)
Water, Sewer, Gas		LS	--		--	(1,007)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,029)
Storm Drainage		LS	--		--	(362)
Site Imp(2,783) Demo(542)		LS	--		--	(3,325)
Information Systems		LS	--		--	(1,123)
Antiterrorism/Force Protection		LS	--		--	(150)
ESTIMATED CONTRACT COST						43,365
CONTINGENCY PERCENT (5.00%)						<u>2,168</u>
SUBTOTAL						45,533
SUPV, INSP & OVERHEAD (5.70%)						2,595
DESIGN/BUILD - DESIGN COST						<u>1,821</u>
TOTAL REQUEST						49,949
TOTAL REQUEST (ROUNDED)						49,949
INSTALLED EQT-OTHER APPROP						(3,112)
10. Description of Proposed Construction Construct a barracks complex with barracks, seven company operations facilities, and two large battalion headquarters with classrooms. Install Industrial Commercial Intrusion Detection Systems (ICIDS) in the company operations facilities, and battalion headquarters. Supporting facilities include utilities; electric service; security and street lighting; fire protection and alarm systems; paving, sidewalks, curbs and gutters; storm and sanitary sewers; information systems; North Fort barracks entry; and site improvements. Antiterrorism/force protection 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. Heating will be provided by dual fuel systems. Mechanical ventilation: 800,000 CFM. Demolish 11 Buildings (Total 5,041 m2/3,851 SF).						
11. REQ:		6,377 PN	ADQT: 4,402 PN		SUBSTD:	1,975 PN
PROJECT: Construct a barracks complex. (Current Mission)						
REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 200 soldiers. The intended utilization is 154 Junior Enlisted, and 23 Sergeants.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Fort Lewis, Washington

4. PROJECT TITLE Barracks Complex-North Fort	5. PROJECT NUMBER 50381
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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	--	--	(68)
Antiterrorism/Force Protection	LS	--	--	(841)
Building Information Systems	LS	--	--	<u>(1,535)</u>
			Total	2,444

CURRENT SITUATION: The existing gang latrine barracks are old and deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and too small.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$24M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Lewis, Washington. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 1,475 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JAN 2004
- (b) Percent Complete As Of January 2005..... 20.00
- (c) Date 35% Designed..... MAR 2006
- (d) Date Design Complete..... JUN 2006
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE Barracks Complex-North Fort	5. PROJECT NUMBER 50381
---	----------------------------

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

(a) Production of Plans and Specifications.....	400
(b) All Other Design Costs.....	550
(c) Total Design Cost.....	950
(d) Contract.....	750
(e) In-house.....	200
 - (4) Construction Contract Award..... JAN 2006
 - (5) Construction Start..... JUN 2006
 - (6) Construction Completion..... AUG 2008

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>
ICIDS Equipment	OPA	2007	100
Info Sys - ISC	OPA	2007	254
Info Sys - PROP	OPA	2007	2,758
		TOTAL	3,112

Installation Engineer: COL Steven Perrenot
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Fort Lewis Washington			4. PROJECT TITLE Barracks Complex		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 53636	8. PROJECT COST (\$000) Auth 50,000 Approp 50,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				36,723	
Barracks	m2 (SF)	10,200 (109,792)	1,672	(17,051)	
Company Ops Facilities, 10 EA	m2 (SF)	9,420 (101,399)	1,489	(14,025)	
Covered Equip layout Area	m2 (SF)	1,959 (21,090)	486.96	(954)	
Brigade Headquarters Building	m2 (SF)	1,219 (13,120)	1,798	(2,191)	
Storage Facilities, 10 EA	m2 (SF)	99.96 (1,076)	1,227	(123)	
Total from Continuation page				(2,379)	
<u>SUPPORTING FACILITIES</u>				8,736	
Electric Service	LS	--	--	(948)	
Water, Sewer, Gas	LS	--	--	(635)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,446)	
Storm Drainage	LS	--	--	(274)	
Site Imp(2,551) Demo(768)	LS	--	--	(3,319)	
Information Systems	LS	--	--	(1,967)	
Antiterrorism/Force Protection	LS	--	--	(147)	
ESTIMATED CONTRACT COST				45,459	
CONTINGENCY PERCENT (5.00%)				2,273	
SUBTOTAL				47,732	
SUPV, INSP & OVERHEAD (5.70%)				2,721	
TOTAL REQUEST				50,453	
TOTAL REQUEST (ROUNDED)				50,000	
INSTALLED EQT-OTHER APPROP				(3,326)	
10. Description of Proposed Construction Construct a barracks complex with barracks, ten company operations facilities, and a brigade headquarters. Install Intrusion Detection Systems (IDS) in the company operations facilities, and brigade headquarters. Supporting facilities include utilities; electric service; security and street lighting; fire protection and alarm systems; paving, sidewalks, curbs and gutters; storm and sanitary sewers; information systems; and site improvements. Antiterrorism/force protection 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. Heating will be provided by dual fuel systems. Mechanical ventilation: 600,000 CFM. Demolish requires lead and asbestos removal. Demolish 9 Buildings (Total 7,136 m2/76,809 SF).					
11. REQ:	6,377 PN	ADQT:	4,402 PN	SUBSTD:	1,975 PN
PROJECT: Construct a barracks complex. (Current Mission)					
REQUIREMENT: This project is required to provide living and working conditions that meet current jArmy standards for soldiers. The maximum barracks utilization is 300 soldiers. The intended utilization is 232 Junior Enlisted, and 34 Sergeants.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 53636
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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	--	--	(147)
Antiterrorism/Force Protection	LS	--	--	(989)
Building Information Systems	LS	--	--	(1,243)
			Total	2,379

CURRENT SITUATION: The existing gang latrine barracks are old and deteriorated. The existing operational facilities are too small and located in the barracks; and the administrative facilities have inefficient layouts, and too small.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

During the past two years, \$24M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Lewis, Washington. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 1,475 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JAN 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
----------------------	--	------------------------

3. INSTALLATION AND LOCATION
Fort Lewis, Washington

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 53636
--------------------------------------	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (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..... 2,300
 - (b) All Other Design Costs..... 850
 - (c) Total Design Cost..... 3,150
 - (d) Contract..... 750
 - (e) In-house..... 2,400
- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... FEB 2006
- (6) Construction Completion..... MAY 2008

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>
ICIDS Equipment	OPA	2007	90
Info Sys - ISC	OPA	2006	1,082
Info Sys - PROP	OPA	2006	2,154
		TOTAL	<u>3,326</u>

Installation Engineer: COL Steven Perrenot
Phone Number: 253-967-3191

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Germany	Germany Various (USAREUR/EURO)				299
	Grafenwoehr East Camp Grafenwoehr				
55981	Barracks Complex	40,000	40,000	C	301
55984	Brigade Complex-Forward Support	40,681	40,681	C	304
	Grafenwoehr Grafenwoehr Training Area				
58203	Shoothouse	1,800	1,800	C	308
58210	Urban Assault Course	1,600	1,600	C	311
	Vilseck South Camp Vilseck				
60382	Barracks Complex Ph 2	0	13,600	C	314
		-----	-----		
	Subtotal Germany Various PART I	\$ 84,081	97,681		
	* TOTAL MCA FOR Germany	\$ 84,081	97,681		

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Germany Various Germany		4. COMMAND US Army Europe and Seventh Army (Installation Mgt Agency, Europe Region)		5. AREA CONSTRUCTION COST INDEX 1.22
6. PERSONNEL STRENGTH:				
	PERMANENT	STUDENTS		SUPPORTED
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 2004	15147 91059 40415	0 483 19	5701 19480 41349	213,653
B. END FY 2011	7910 48922 19903	0 283 19	2814 10117 20901	110,869
7. INVENTORY DATA (\$000)				
A. TOTAL AREA.....	64,908 ha	(160,391 AC)		
B. INVENTORY TOTAL AS OF 30 SEP 2004.....			30,951,440	
C. AUTHORIZATION NOT YET IN INVENTORY.....			973,536	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....			84,081	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....			190,080	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....			0	
G. REMAINING DEFICIENCY.....			8,952,260	
H. GRAND TOTAL.....			41,151,397	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	55981	Barracks Complex	40,000	02/2004 08/2005
214	55984	Brigade Complex-Forward Support	40,681	05/2002 08/2005
178	58203	Shoothouse	1,800	04/2003 09/2005
178	58210	Urban Assault Course	1,600	05/2004 06/2005
721	60382	Barracks Complex Ph 2	13,600	09/2003 09/2005
TOTAL			97,681	
9. FUTURE PROJECT APPROPRIATIONS:				
CATEGORY		COST		
CODE	PROJECT TITLE	(\$000)		
A. REQUESTED IN THE FY 2007 PROGRAM:				
214	Brigade Complex-Maintenance Operations #1	26,000		
721	Barracks Complex	13,200		
214	Brigade Complex-Maintenance Operations #2	26,000		
214	Brigade Complex-Maintenance Operations	26,380		
721	Barracks Complex	31,000		
721	Barracks Complex	31,000		
141	Deployment Processing Facility Ph 3	19,000		
721	Barracks	17,500		
TOTAL		190,080		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE				
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A		

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Germany Various, Germany

10. MISSION OR MAJOR FUNCTIONS:

Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as a base for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR s subordinate and supporting units/organizations. These units consist of combat, combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force overseas.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION East Camp Grafenwoehr Germany (Grafenwoehr)			4. PROJECT TITLE Barracks Complex			
5. PROGRAM ELEMENT 22396A		6. CATEGORY CODE 721	7. PROJECT NUMBER 55981		8. PROJECT COST (\$000) Auth 40,000 Approp 40,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						32,550
Barracks		m2 (SF)	16,200 (174,375)		1,892	(30,650)
Equipment Storage		m2 (SF)	180.05 (1,938)		1,840	(331)
Mud Room and Storage		m2 (SF)	84 (904.17)		1,120	(94)
Antiterrorism/Force Protection		LS	--		--	(500)
EMCS Connection		LS	--		--	(150)
Building Information Systems		LS	--		--	(825)
<u>SUPPORTING FACILITIES</u>						3,214
Electric Service		LS	--		--	(91)
Water, Sewer, Gas		LS	--		--	(461)
Steam And/Or Chilled Water Dist		LS	--		--	(279)
Paving, Walks, Curbs & Gutters		LS	--		--	(938)
Storm Drainage		LS	--		--	(350)
Site Imp(552) Demo()		LS	--		--	(552)
Information Systems		LS	--		--	(43)
Antiterrorism/Force Protection		LS	--		--	(500)
ESTIMATED CONTRACT COST						35,764
CONTINGENCY PERCENT (5.00%)						<u>1,788</u>
SUBTOTAL						37,552
SUPV, INSP & OVERHEAD (6.50%)						<u>2,441</u>
TOTAL REQUEST						39,993
TOTAL REQUEST (ROUNDED)						40,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct three standard design barracks buildings. Antiterrorism/force protection will be provided by resistance to progressive collapse, special windows and doors, and site measures. Supporting facilities include electric service, water, sanitary sewer, storm drainage, exterior lighting, fire alarm system, utility management and control and information systems, paving, walks, curbs, and gutters, privately owned vehicle parking, bicycle racks, central trash area and site improvements. Heating will be provided by connection to a district heating system.						
11. REQ: 2,540 PN ADQT: 1,256 PN SUBSTD: 1,284 PN PROJECT: Construct three barracks buildings (Current Mission) REQUIREMENT: The project is required to establish a consolidated Brigade Combat Team (BCT) in Vilseck/Grafenwoehr as part of the realignment of US forces in support of the European Command's Strategic Transformation Plan. This project supports a critical element of the BCT. By placing a Brigade Combat Team on a single installation collocated with all necessary training facilities for live fire and with live fire maneuver training areas, US Army Europe will maximize training time and reduce operational expenses. An added benefit will be the closure of approximately 13 small installations which are						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION East Camp Grafenwoehr, Germany (Grafenwoehr)		
4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 55981	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>expensive to maintain. This program will provide all necessary facilities for the BCT in one location. Soldier and family quality of life, which is recognized as a critical readiness factor, will be improved by this multi-year funded program. The maximum barracks utilization is 462 soldiers. The intended utilization is 320 Junior Enlisted and 71 Sergeants.</p> <p><u>CURRENT SITUATION:</u> U.S. Army Europe units are stationed at widely dispersed installations constructed before or during WWII. Brigade units are scattered throughout numerous, widespread locations severely limiting single force lethality and command and control. Widely dispersed installations and facilities require more overhead than one single consolidated location. Units must pack supplies and equipment to transport combat vehicles at least twice per year 300 kilometers via rail to the Major Training Areas in Grafenwoehr and Hohenfels. Management and manning support facilities for these many scattered, small installations drains resources. Most of these small installations are located in exposed positions where proper force protection and antiterrorism measures become costly or impossible to provide. Existing buildings are often categorized as non-usable because they do not meet the requirements of modern equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.</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/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>During the past two years, \$400K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Grafenwoehr Barracks. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 732 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>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 55981
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... FEB 2004
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... AUG 2005
- (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:
Grafenwoehr Tng Area GE31P

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

- (a) Production of Plans and Specifications..... 1,228
- (b) All Other Design Costs..... 1,480
- (c) Total Design Cost..... 2,708
- (d) Contract..... 1,448
- (e) In-house..... 1,260

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... FEB 2006

(6) Construction Completion..... APR 2008

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 Scott Flanigan
Phone Number: DSN (314) 475-1360

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION East Camp Grafenwoehr Germany (Grafenwoehr)			4. PROJECT TITLE Brigade Complex-Forward Support		
5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 214	7. PROJECT NUMBER 55984	8. PROJECT COST (\$000) Auth 40,681 Approp 40,681		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					34,515
Vehicle Maintenance Shop, DS		m2 (SF)	4,408 (47,443)	1,814	(7,994)
Vehicle Maintenance Shop, Org		m2 (SF)	854.71 (9,200)	2,176	(1,860)
Hazardous Material Dist Storage		m2 (SF)	464.52 (5,000)	1,733	(805)
Open Storage		m2 (SY)	2,508 (3,000)	95.02	(238)
Class IX Warehouse		m2 (SF)	1,208 (13,000)	1,071	(1,294)
Total from Continuation page					(22,324)
<u>SUPPORTING FACILITIES</u>					1,864
Electric Service		LS	--	--	(27)
Water, Sewer, Gas		LS	--	--	(50)
Steam And/Or Chilled Water Dist		LS	--	--	(338)
Paving, Walks, Curbs & Gutters		LS	--	--	(361)
Storm Drainage		LS	--	--	(50)
Site Imp(546) Demo()		LS	--	--	(546)
Information Systems		LS	--	--	(102)
Antiterrorism/Force Protection		LS	--	--	(390)
ESTIMATED CONTRACT COST					36,379
CONTINGENCY PERCENT (5.00%)					<u>1,819</u>
SUBTOTAL					38,198
SUPV, INSP & OVERHEAD (6.50%)					<u>2,483</u>
TOTAL REQUEST					40,681
TOTAL REQUEST (ROUNDED)					40,681
INSTALLED EQT-OTHER APPROP					(1,130)
10. Description of Proposed Construction Construct maintenance, operational and related facilities, and renovate headquarters and barracks buildings. Construct a standard design direct support vehicle maintenance facility and an organizational vehicle maintenance facility to include overhead cranes, covered grease racks, intrusion detection systems (IDS) for Class A vault with Class V doors, petroleum, oils, and lubricant (POL) separators, compressed air system, fire protection and alarm systems and water sprinkler system. Construct concrete aprons, organizational vehicle parking, deployment storage building, HAZMAT distribution storage facility, open storage, maintenance and storage sheds and fuel canopy with separator. Construct a Class IX warehouse with concrete apron for automotive and tank parts. Construct four company operations facilities with IDS in each. Renovate a Battalion Headquarters building with IDS. Construct a Consolidated Aid Station with IDS for the Brigade Complex. Install connections to Utilities Energy Monitoring Control System (UEMCS). Supporting facilities include: parking for privately owned vehicles; connection to electric service; water and sanitary sewer; storm sewer and/or surface drainage; district heat lines; paving, walks, curbs and gutters; oil separator; security fencing and lighting; information systems and site improvements. Antiterrorism/force protection measures include resistance					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4. PROJECT TITLE Brigade Complex-Forward Support	5. PROJECT NUMBER 55984
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Fuel Canopy w/Separator	LS	--	--	(198)
Vehicle Storage Shed	m2 (SF)	2,643 (28,444)	365.97	(967)
Concrete Aprons	m2 (SY)	28,706 (34,332)	95.02	(2,728)
Organizational Vehicle Parking	m2 (SY)	37,249 (44,550)	74.15	(2,762)
Deployment Storage Building	m2 (SF)	752.51 (8,100)	839.59	(632)
Company Ops Facilities, 5 EA	m2 (SF)	4,406 (47,428)	1,787	(7,873)
Renovate Battalion HQs Bldg.	m2 (SF)	1,481 (15,938)	730.65	(1,082)
Consolidated Aid Station, BDE	m2 (SF)	1,127 (12,128)	2,804	(3,159)
IDS Installation	LS	--	--	(200)
Antiterrorism Force Protection	LS	--	--	(2,094)
UEMCS Connection	LS	--	--	(300)
Building Information Systems	LS	--	--	(329)
			Total	22,324

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

to progressive collapse, blast resistant exterior doors and windows, security lighting systems, protective landscaping and barrier protection. Project will connect to utility service lines and roads provided to the area by separate project. Access for individuals with disabilities will be provided.

11. REQ: 19,537 m2 ADQT: 6,263 m2 SUBSTD: NONE

PROJECT: Construct a standard design direct support vehicle maintenance facility, organizational vehicle maintenance facility, Class IX warehouse, and company operations facilities, renovate a battalion headquarters, and construct a consolidated aid station (Current Mission).

REQUIREMENT: The project is required to establish a consolidated Brigade Combat Team (BCT) at Grafenwoehr as part of the realignment of US forces in support of the European Command (EUCOM) Strategic Transformation Plan. By providing maintenance and operations facilities, this project supports a critical element of the Brigade Combat Team (BCT). By placing a Brigade Combat Team on a single installation collocated with all necessary training facilities for live fire and with live fire maneuver training areas, USAREUR will maximize training time and reduce operational expenses. An added benefit will be the closure of approximately 13 small installations which are expensive to maintain. This program will provide all necessary facilities for the BCT in one location. Soldier and family quality of life, which is recognized as a critical readiness factor, will be improved by this multi-year funded program.

CURRENT SITUATION: The organizations that make up the Brigade Combat Team are located at multiple small, inefficient, costly, obsolete,

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4. PROJECT TITLE Brigade Complex-Forward Support	5. PROJECT NUMBER 55984
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CURRENT SITUATION: (CONTINUED)

terrorism-vulnerable, widely scattered installations. As such, the Team does not have the same unit cohesiveness, efficient command and control, force protection, deployment capability, or cost-effective access to firing ranges and training areas that they would have if located at a single large installation. Soldier and family quality of life suffers from the separations caused by required semiannual travel from the dispersed installations to one of two large range and training areas in Germany

IMPACT IF NOT PROVIDED: If this project is not provided, unit readiness, training, command and control, deployability, unit integrity, and material readiness, will continue to be jeopardized. The Brigade Combat Team will not be able to maximize the increased efficiency of consolidating dispersed organic units into a cohesive organization at a major training/maneuver area. Soldiers and family quality of life will continue to suffer as soldiers spend more time traveling to training sites and deployments, more time coordinating with headquarters elements, and less time preparing for and accomplishing current missions. Increased safety hazard and lost productive time associated with movement of equipment and troops will continue. In addition, the facilities now being utilized by the soldiers in multiple WWII-era installations are rapidly deteriorating with increasing maintenance costs. The aging facilities result in increased force protection, Personnel Tempo (PERSTEMPO), and Operations Tempo (OPTEMPO) costs.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAY 2002
 - (b) Percent Complete As Of January 2005..... 40.00
 - (c) Date 35% Designed..... NOV 2004
 - (d) Date Design Complete..... AUG 2005
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
East Camp Grafenwoehr, Germany (Grafenwoehr)

4. PROJECT TITLE Brigade Complex-Forward Support	5. PROJECT NUMBER 55984
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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:
Grafenwoehr Tng Area GE31P
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	1,640
(b) All Other Design Costs.....	750
(c) Total Design Cost.....	2,390
(d) Contract.....	1,800
(e) In-house.....	590
 - (4) Construction Contract Award..... FEB 2006
 - (5) Construction Start..... MAR 2006
 - (6) Construction Completion..... MAR 2008

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>
Clinic	OPA	2007	380
8 IDS	OPA	2007	47
Info Sys - ISC	OPA	2008	175
Info Sys - PROP	OPA	2008	528
		TOTAL	1,130

Installation Engineer: LTC Scott Flanigan
Phone Number: DSN (314) 475-1360

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Grafenwoehr Training Area Germany (Grafenwoehr)				4. PROJECT TITLE Shoothouse		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 58203	8. PROJECT COST (\$000) Auth 1,800 Approp 1,800		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						995
Live Fire Exercise Shoothouse		EA	1 --		644,925	(645)
Operations/Storage Building		m2 (SF)	152.18 (1,638)		878.04	(134)
After action review facility		m2 (SF)	152.18 (1,638)		1,206	(184)
Building Information Systems		LS	--		--	(32)
<u>SUPPORTING FACILITIES</u>						636
Electric Service		LS	--		--	(266)
Water, Sewer, Gas		LS	--		--	(83)
Paving, Walks, Curbs & Gutters		LS	--		--	(11)
Site Imp(201) Demo(27)		LS	--		--	(228)
Information Systems		LS	--		--	(39)
Antiterrorism/Force Protection		LS	--		--	(9)
ESTIMATED CONTRACT COST						1,631
CONTINGENCY PERCENT (5.00%)						82
SUBTOTAL						1,713
SUPV, INSP & OVERHEAD (6.50%)						111
TOTAL REQUEST						1,824
TOTAL REQUEST (ROUNDED)						1,800
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design live-fire exercise shoothouse. Primary facilities include the shoothouse, operations and storage facility, and after action review facility (AARF) with latrine. Supporting facilities include site utilities, electric service, paving, information systems, and site improvements. High supporting facilities costs result from extensive electrical support work required to support the remote site. Access for individuals with disabilities is not required. Demolish 4 Buildings (Total 548 m2/5,903 SF). Air Conditioning (Estimated 46 kW/13 Tons).						
11. REQ:		1 EA	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct a shoothouse. (Current Mission)						
REQUIREMENT: This project is required to meet recent updates to Army doctrine for the development and construction of the urban operations training facilities. This project supports the Army's training strategy to build a land power force capable of strategic dominance and responsiveness across a full spectrum of operations. The shoothouse is necessary to provide soldiers, squads and platoons training in the stressful, realistic, and complexities of urban operations (UO) to be able to assess the extent of combat readiness of these units in urban operations.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Grafenwoehr Training Area, Germany (Grafenwoehr)

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER 58203
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CURRENT SITUATION: There is no facility available at Grafenwoehr.
IMPACT IF NOT PROVIDED: If this project is not provided, platoon, squad, and individual urban operations (UO) capabilities will not be available and training to Army doctrinal requirements will not be met.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.
NATO SECURITY INVESTMENT: This project is not nor is it expected to become eligible for NATO funding.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2003
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... JAN 2005
- (d) Date Design Complete..... SEP 2005
- (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 Lewis

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

- (a) Production of Plans and Specifications..... 64
- (b) All Other Design Costs..... 32
- (c) Total Design Cost..... 96
- (d) Contract..... 64
- (e) In-house..... 32

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Grafenwoehr Training Area, Germany (Grafenwoehr)

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER 58203
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12. SUPPLEMENTAL DATA: (Continued)
 A. Estimated Design Data: (Continued)
 (6) Construction Completion..... FEB 2007

Installation Engineer: LTC Scott Flanigan
 Phone Number: DSN 314-475-1360

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Grafenwoehr Training Area Germany (Grafenwoehr)				4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 178	7. PROJECT NUMBER 58210		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>						911
Urban Assault Course		FP	5 --		134,942	(675)
Operations & Storage Building		m2 (SF)	111.48 (1,200)		1,152	(128)
Field Service Latrine		m2 (SF)	22.30 (240)		4,865	(108)
<u>SUPPORTING FACILITIES</u>						503
Electric Service		LS	--		--	(376)
Water, Sewer, Gas		LS	--		--	(95)
Paving, Walks, Curbs & Gutters		LS	--		--	(20)
Site Imp(12) Demo()		LS	--		--	(12)
ESTIMATED CONTRACT COST						1,414
CONTINGENCY PERCENT (5.00%)						71
SUBTOTAL						1,485
SUPV, INSP & OVERHEAD (6.50%)						97
TOTAL REQUEST						1,582
TOTAL REQUEST (ROUNDED)						1,600
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design Urban Assault Course (UAC). Primary facilities include the UAC, operations and storage building, and field service latrine. Supporting facilities include electric service, site utilities and site improvements. High support facilities costs result from extensive electrical support work required to support remote site. Access for individuals with disabilities is not required.						
11. REQ:		5 FP	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct an Urban Assault Course (Current Mission).						
REQUIREMENT: This project is required to provide an Urban Assault Course to train small unit tactics in preparation for urban warfare. The Urban Assault Course is required to meet recent updates to the Army doctrinal and the Army Training and Evaluation Program (ARTEP) and Mission Training Plan (MTP) manuals. The Urban Assault Course is necessary to support USAREUR units with a training facility capable of training the stressful, realistic, and complexities of urban operations (UO). The Urban Assault Course provides individuals, teams, squads and platoons with a training facility which furnishes doctrinally correct training events to assess the extent of full combat readiness of squads and individuals in an urban operations environment.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Grafenwoehr Training Area, Germany (Grafenwoehr)

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 58210
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CURRENT SITUATION: Current training is conducted at non-contiguous and non-standardized training locations at Grafenwoehr Training Area which lack the depth and focus to exercise the training tasks to a level of proficiency and standardization expected in accordance with current doctrinal requirements.

IMPACT IF NOT PROVIDED: Existing UO training facilities are inadequate to support UO combat readiness training.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force protection measures are required. 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

NATO SECURITY INVESTMENT: This project is not nor is it expected to become eligible for NATO funding.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2004
- (b) Percent Complete As Of January 2005..... 65.00
- (c) Date 35% Designed..... OCT 2004
- (d) Date Design Complete..... JUN 2005
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

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

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

- (a) Production of Plans and Specifications..... 58
- (b) All Other Design Costs..... 28
- (c) Total Design Cost..... 86
- (d) Contract..... 58
- (e) In-house..... 28

(4) Construction Contract Award..... JAN 2006

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION
Grafenwoehr Training Area, Germany (Grafenwoehr)

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 58210
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2006

(6) Construction Completion..... MAR 2007

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 Scott Flanigan
Phone Number: DSN 314-475-1360

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION South Camp Vilseck Germany (Vilseck)			4. PROJECT TITLE Barracks Complex Ph 2		
5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 721	7. PROJECT NUMBER 60382	8. PROJECT COST (\$000) Auth Approp 13,600		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,844
Barracks		m2 (SF)	4,896 (52,700)	2,040	(9,987)
Storage Facility		m2 (SF)	54.44 (586)	1,399	(76)
Antiterrorism/Force Protection		LS	--	--	(527)
IDS Installation		LS	--	--	(25)
UMCS Connection		LS	--	--	(75)
Building Information Systems		LS	--	--	(154)
<u>SUPPORTING FACILITIES</u>					1,405
Electric Service		LS	--	--	(124)
Water, Sewer, Gas		LS	--	--	(51)
Steam And/Or Chilled Water Dist		LS	--	--	(202)
Paving, Walks, Curbs & Gutters		LS	--	--	(280)
Storm Drainage		LS	--	--	(145)
Site Imp(158) Demo()		LS	--	--	(158)
Information Systems		LS	--	--	(376)
Antiterrorism/Force Protection		LS	--	--	(69)
ESTIMATED CONTRACT COST					12,249
CONTINGENCY PERCENT (5.00%)					612
SUBTOTAL					12,861
SUPV, INSP & OVERHEAD (6.50%)					836
TOTAL REQUEST					13,697
TOTAL REQUEST (ROUNDED)					13,600
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct the second phase of a barracks. The first phase (PN 56782) was fully authorized in FY04 at \$31M and \$12.1M was appropriated. Project includes connection to existing utilities and energy sources. Provide utility management and control systems (UMCS), fire alarm detection and reporting systems, automatic building sprinklers, and force protection measures. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Heating will be provided by connection to central heating system. Antiterrorism/force protection (AT/FP) will be provided by resistance to progressive collapse, special windows and doors, and site measures. Access for individuals with disabilities will be provided in public areas.					
11. REQ: 1,937 PN ADQT: 1,461 PN SUBSTD: 476 PN					
PROJECT: Construct a barracks. (Current Mission)					
REQUIREMENT: This project is required to provide living conditions that meet current Army standards for soldiers. The maximum barracks utilization is 136 soldiers. The intended utilization is 94 Junior Enlisted and 21 Sergeants.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION South Camp Vilseck, Germany (Vilseck)		
4. PROJECT TITLE Barracks Complex Ph 2	5. PROJECT NUMBER 60382	
<p><u>CURRENT SITUATION:</u> The capacity of existing barracks at this installation will reduce as they are modernized to current standards. This will create a deficit that requires construction of new 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.</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/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>During the past two years, \$1M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Vilseck, Germany. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 340 personnel at this installation.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2003</u></p> <p>(b) Percent Complete As Of January 2005..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2005</u></p> <p>(d) Date Design Complete..... <u>SEP 2005</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p> <p>(b) Where Most Recently Used:</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

South Camp Vilseck, Germany (Vilseck)

4. PROJECT TITLE Barracks Complex Ph 2	5. PROJECT NUMBER 60382
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
Fort Drum

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	540
(b) All Other Design Costs.....	276
(c) Total Design Cost.....	816
(d) Contract.....	
(e) In-house.....	816
(4) Construction Contract Award.....	FEB 2006
(5) Construction Start.....	MAR 2006
(6) Construction Completion.....	SEP 2007

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 Scott Flanigan
Phone Number: DSN 314-475-1360

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
NUMBER	PROJECT TITLE		REQUEST	REQUEST	MISSION PAGE
-----	-----		-----	-----	-----
Italy	Italy Various (USAREUR/EURO)				319
	Livorno Pisa Ammo Stor Area				
58498	Ammunition Storage Facility		5,254	5,254	C 321
			-----	-----	
	Subtotal Italy Various PART I		\$ 5,254	5,254	
	* TOTAL MCA FOR Italy		\$ 5,254	5,254	

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Italy Various Italy			4. COMMAND US Army Europe and Seventh Army (Installation Mgt Agency, Europe Region)			5. AREA CONSTRUCTION COST INDEX 1.22	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	323	2306	1393	0	0	0	61 592 1330 6,005
B. END FY 2011	327	2357	1448	0	0	0	61 592 1330 6,115
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	1,294 ha		(3,198 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							1,574,483
C. AUTHORIZATION NOT YET IN INVENTORY.....							113,235
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							5,254
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							271,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							144,985
H. GRAND TOTAL.....							2,108,957
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START	COMPLETE
216	58498	Ammunition Storage Facility			5,254	03/2004	09/2005
TOTAL					5,254		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
141	Company Headquarters Building			31,000			
721	Barracks Complex			47,000			
721	Barracks Complex			45,000			
742	Physical Fitness Facility			25,000			
721	Barracks			28,000			
721	Barracks			40,000			
735	Dependent School			30,000			
510	Consolidated Medical & Dental Clinic			25,000			
TOTAL					271,000		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Italy Various, Italy

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 a base 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.

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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Pisa Ammo Stor Area Italy (Livorno)			4. PROJECT TITLE Ammunition Storage Facility			
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 216	7. PROJECT NUMBER 58498		8. PROJECT COST (\$000) Auth 5,254 Approp 5,254	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,132
Ammunition Inspection Facility		m2 (SF)	709.96 (7,642)		1,744	(1,238)
Covered Cont Stuf./Unstuf. Area		m2 (SF)	3,790 (40,795)		419.79	(1,591)
Expand Tombolo Dock Hardstand		m2 (SY)	1,114 (1,332)		57.66	(64)
Antiterrorism/Force Protection		LS	--		--	(50)
IDS Installation		LS	--		--	(26)
Building Information Systems		LS	--		--	(163)
<u>SUPPORTING FACILITIES</u>						1,566
Electric Service		LS	--		--	(219)
Water, Sewer, Gas		LS	--		--	(82)
Paving, Walks, Curbs & Gutters		LS	--		--	(485)
Storm Drainage		LS	--		--	(56)
Site Imp(489) Demo(74)		LS	--		--	(563)
Information Systems		LS	--		--	(27)
Antiterrorism/Force Protection		LS	--		--	(134)
ESTIMATED CONTRACT COST						4,698
CONTINGENCY PERCENT (5.00%)						235
SUBTOTAL						4,933
SUPV, INSP & OVERHEAD (6.50%)						321
TOTAL REQUEST						5,254
TOTAL REQUEST (ROUNDED)						5,254
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct an Ammunition Inspection Facility to include storage vaults, inspection bays, supply/equipment storage, break room, support areas, loading dock, apron, ramp, and steps. Construct a covered Container Stuffing and Unstuffing Pad with supply storage and dunnage areas. Construct hardstand expansion to the existing Tombolo Dock. Supporting facilities include electrical service, upgraded transformer station, water, non-potable fire protection water supply, sewer with packaged treatment plant, roadways, pavements, storm drainage, and site improvements. Heat will be provided by self contained unit. Antiterrorism/Force Protection measures include resistance to progressive collapse, special windows and doors, walls, and site measures. Provisions for individuals with disabilities is not required. Demolish 5 Buildings (Total 1,112 m2/11,966 SF). Air Conditioning (Estimated 281 kW/80 Tons).						
11. REQ:		710 m2	ADQT:		NONE	SUBSTD: 1,044 m2
PROJECT: Construct ammunition inspection facility, covered container stuffing and unstuffing pad, and expanded dock hardstand. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Pisa Ammo Stor Area, Italy (Livorno)		
4. PROJECT TITLE Ammunition Storage Facility	5. PROJECT NUMBER 58498	
<p><u>REQUIREMENT:</u> This project is required to provide adequate storage, inspection, handling and support facilities for ordnance, and related materials in support of land reinforcing operations in the southern European region. The Ammunition Inspection Facility is required to provide a modern, secure, enclosed, and conditioned facility to support inspection activities for all ordnance stored at Ammunition Storage Area (ASA) Pisa. The Container Stuffing and Unstuffing Pad is required to provide a secure, paved, and covered pad area to support International Standards Organization (ISO) container stuffing and unstuffing operations as ordnance arrives or is prepared for deployment from ASA Pisa. Upgrading and expanding the existing Tombolo Dock Hardstand is required to improve efficiency and safety of ammunition deployment, loading, and staging operations, and to rectify existing operational deficiencies identified by customs agencies.</p> <p><u>CURRENT SITUATION:</u> Existing ordnance deployment facilities and staging areas are inadequate, inefficient, and cannot support a major deployment in the time frame required. Existing permanent facilities, built in the 1950's to support other requirements, are deteriorated and have never had a major renovation. The current inspection facility does not have quantity distance capability for 1.1 hazards. In some cases, no facility exists to meet the needs of contemporary requirements. There are numerous life-safety concerns and many facilities do not meet current seismic and antiterrorist force protection (AT/FP) standards. The Tombolo Dock facility does not have sufficient capacity and is inadequate to support a major ammunition deployment. Overall, operations are inefficient, unsafe and labor intensive, greatly constraining operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, deployment capacities within the Southern Region will not be adequate to support USCOMEUR's military mission. Deployment operations will continue to be negatively impacted by the lack of adequate ordnance inspection space, as well as insufficient, functional space for ISO container storage, staging and stuffing/unstuffing, handling, and transporting. Without this project, operations will continue to be inefficient, unsafe, and labor intensive. Personnel conducting deployment operations from Livorno to the Southern Region Area of Operations will be exposed to unsatisfactory health and life safety conditions.</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/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive</p>		

1.COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JAN 2005
3.INSTALLATION AND LOCATION Pisa Ammo Stor Area, Italy (Livorno)		
4.PROJECT TITLE Ammunition Storage Facility	5.PROJECT NUMBER 58498	
<p><u>ADDITIONAL:</u> <u>(CONTINUED)</u></p> <p>Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is partially eligible for funding within an established NATO infrastructure category for common funding, identified as CP3A - 0019. This project has the potential for partial recoupment of costs from NATO.</p> <p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>MAR 2004</u></p> <p>(b) Percent Complete As Of January 2005..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2005</u></p> <p>(d) Date Design Complete..... <u>SEP 2005</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>NO</u></p> <p>(f) Type of Design Contract: Design-bid-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>300</u></p> <p>(b) All Other Design Costs..... <u>200</u></p> <p>(c) Total Design Cost..... <u>500</u></p> <p>(d) Contract..... <u>500</u></p> <p>(e) In-house..... _____</p> <p>(4) Construction Contract Award..... <u>JAN 2006</u></p> <p>(5) Construction Start..... <u>MAR 2006</u></p> <p>(6) Construction Completion..... <u>SEP 2007</u></p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Pisa Ammo Stor Area, Italy (Livorno)

4. PROJECT TITLE Ammunition Storage Facility	5. PROJECT NUMBER 58498
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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: Mr. Kambiz Razzaghi
Phone Number: DSN 634-7313

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Korea		Korea Various (EUSA/KORO)			327
		Area I Yongpyong			
	58952	Urban Assault Course	1,450	1,450	C 329
		Area III Camp Humphreys			
	58242	Barracks Complex	28,000	28,000	C 332
	58354	Barracks Complex	45,637	45,637	C 335
	58398	Barracks Complex	40,525	40,525	C 338
		Subtotal Korea Various PART I	\$ 115,612	115,612	
		* TOTAL MCA FOR Korea	\$ 115,612	115,612	
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 204,947	218,547	

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Korea Various Korea			4. COMMAND Eighth United States Army (Installation Mgt Agency, Korea Region)			5. AREA CONSTRUCTION COST INDEX 1.07	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	4211	26995	12094	0	207	0	586 6577 12512 63,182
B. END FY 2011	3845	25277	11055	0	120	0	554 6008 11285 58,144
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	19,221 ha		(47,497 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						8,129,455	
C. AUTHORIZATION NOT YET IN INVENTORY.....						730,119	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						115,612	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						84,800	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						14,536,700	
H. GRAND TOTAL.....						23,596,686	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	58242	Barracks Complex		28,000	03/2004	09/2005	
721	58354	Barracks Complex		45,637	11/2002	09/2005	
721	58398	Barracks Complex		40,525	02/2003	09/2005	
178	58952	Urban Assault Course		1,450	03/2004	09/2005	
				TOTAL	115,612		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
721		Barracks Complex		43,000			
721		Barracks Complex		35,000			
178		Shoothouse		1,500			
178		Shoot House		1,350			
178		Digital Multipurpose Training Range		3,950			
				TOTAL	84,800		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JAN 2005
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INSTALLATION AND LOCATION: Korea Various, Korea

10. MISSION OR MAJOR FUNCTIONS:

Eighth United States Army (EUSA) exercises command and control of all assigned units. Organizes, equips, trains, and employs forces to ensure optimum readiness for combat operations. Maintains a posture of combat readiness to deter any attack upon the Republic of Korea (ROK) and if deterrence fails, conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT		FY 2006 MILITARY CONSTRUCTION PROJECT DATA				2. DATE					
ARMY						30 JAN 2005					
3. INSTALLATION AND LOCATION				4. PROJECT TITLE							
Yongpyong Korea (Area I)				Urban Assault Course							
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)					
22212A		178		58952		Auth 1,450 Approp 1,450					
9. COST ESTIMATES											
ITEM				UM (M/E)	QUANTITY		UNIT COST	COST (\$000)			
<u>PRIMARY FACILITY</u>								784			
Urban Assault Course				FP	5 --		132,776	(664)			
Operational/Storage Center				m2 (SF)	73.32 (789.21)		1,125	(82)			
Latrine				m2 (SF)	19.36 (208.39)		1,857	(36)			
Building Information Systems				LS	--		--	(2)			
<u>SUPPORTING FACILITIES</u>								498			
Electric Service				LS	--		--	(104)			
Water, Sewer, Gas				LS	--		--	(88)			
Paving, Walks, Curbs & Gutters				LS	--		--	(62)			
Storm Drainage				LS	--		--	(109)			
Site Imp(81) Demo(6)				LS	--		--	(87)			
Information Systems				LS	--		--	(11)			
Fuel Storage Tank, 4,000 Gal				LS	--		--	(37)			
ESTIMATED CONTRACT COST								1,282			
CONTINGENCY PERCENT (5.00%)								64			
SUBTOTAL								1,346			
SUPV, INSP & OVERHEAD (6.50%)								87			
TOTAL REQUEST								1,433			
TOTAL REQUEST (ROUNDED)								1,450			
INSTALLED EQT-OTHER APPROP								()			
10. Description of Proposed Construction Construct a standard design Urban Assault Course consisting of an individual and team task technique trainer, squad and platoon task technique trainer, grenadier gunnery trainer, urban offense/defense building and underground trainer, latrine and operations/storage building. Supporting facilities include electric service, concrete poles, parking, sidewalks, storm drainage, fences, earthwork and site improvements. Access for individuals with disabilities is not required. Demolish (997 Total SF)											
11. REQ:		5 FP		ADQT:		NONE		SUBSTD:		NONE	
PROJECT: Construct an Urban Assault Course. (Current Mission)											
REQUIREMENT: This facility is essential for the training of basic fundamentals for operations in an urban environment. This facility is a mandatory training requirement before moving to training on the home station combined arms collective training facility (CACTF) or the Live Fire Exercise shoot-house.											
CURRENT SITUATION: There is no Urban Assault Course available in Eighth United States Army to train our forces in the individual and team tactics, techniques and procedures for urban operations. This facility is a critical training gate prior to conducting unit level collective training on the CACTF.											

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Yongpyong, Korea (Area I)			
4. PROJECT TITLE Urban Assault Course		5. PROJECT NUMBER 58952	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>The CACTF is presently under construction at Yongpyong, Korea. The proposed site is an existing range with some support structures present.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, it will be extremely difficult for combat units to be trained on the individual and team level tasks necessary for the conduct of urban operations. This is a critical theater-level Mission Essential Task List requirement which directly affects mission accomplishment and war-fighting capabilities. Proficiency of combat units in urban combat will be compromised from the absence of realistic training.</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/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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>			
<u>12. SUPPLEMENTAL DATA:</u>			
A. Estimated Design Data:			
(1) Status:			
(a) Date Design Started..... <u>MAR 2004</u>			
(b) Percent Complete As Of January 2005..... <u>35.00</u>			
(c) Date 35% Designed..... <u>JAN 2005</u>			
(d) Date Design Complete..... <u>SEP 2005</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: YES			
(b) Where Most Recently Used: Fort Riley			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)			

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Yongpyong, Korea (Area I)

4. PROJECT TITLE Urban Assault Course	5. PROJECT NUMBER 58952
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	_____	75
(b) All Other Design Costs.....	_____	178
(c) Total Design Cost.....	_____	253
(d) Contract.....	_____	110
(e) In-house.....	_____	143
 (4) Construction Contract Award.....	_____	MAR 2006
 (5) Construction Start.....	_____	APR 2006
 (6) Construction Completion.....	_____	MAY 2007

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

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

Installation Engineer: Mr. Christopher E. Kramer
Phone Number: DSN (315) 730-3659

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Camp Humphreys Korea (Area III)			4. PROJECT TITLE Barracks Complex		
5. PROGRAM ELEMENT 22496A	6. CATEGORY CODE 721	7. PROJECT NUMBER 58242	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>				20,831	
Barracks	m2 (SF)	12,452 (134,032)	1,481	(18,441)	
Mailroom Facility	m2 (SF)	114 (1,227)	2,126	(242)	
Pile Foundation	LS	--	--	(740)	
IDS Installation	LS	--	--	(29)	
Antiterrorism Force Protection	LS	--	--	(972)	
Building Information Systems	LS	--	--	(407)	
<u>SUPPORTING FACILITIES</u>				4,609	
Electric Service	LS	--	--	(725)	
Water, Sewer, Gas	LS	--	--	(536)	
Paving, Walks, Curbs & Gutters	LS	--	--	(478)	
Storm Drainage	LS	--	--	(797)	
Site Imp(1,525) Demo()	LS	--	--	(1,525)	
Information Systems	LS	--	--	(315)	
Antiterrorism/Force Protection	LS	--	--	(150)	
Fuel Oil Storage Tank, 3 EA	LS	--	--	(83)	
ESTIMATED CONTRACT COST				25,440	
CONTINGENCY PERCENT (5.00%)				<u>1,272</u>	
SUBTOTAL				26,712	
SUPV, INSP & OVERHEAD (6.50%)				<u>1,736</u>	
TOTAL REQUEST				28,448	
TOTAL REQUEST (ROUNDED)				28,000	
INSTALLED EQT-OTHER APPROP				()	
10. Description of Proposed Construction Construct one eight-story barracks (modified 2+2 standard-design), and a detached mailroom facility. Install an intrusion detection system (IDS), a cryptography vault to store secure documents and equipment, a service core, and a vestibule. Pile foundations, fire protection and alarm systems, and building information systems are required. Supporting facilities include underground utilities, a pump house for domestic water and sprinkler system, fire protection and alarm systems, parking and paving (concrete for tracked command and control vehicles), walks, curbs and gutters, storm drainage, fuel oil storage tanks, exterior information systems, and site improvements. Heating will be provided by self-contained oil-fired units. Air conditioning will be provided by self-contained units. Construct a one-story detached mailroom. This facility includes administrative space, accountable mail area (including storage), pick-up and delivery mail processing area, mail breakout and distribution area for mailboxes, latrine facilities, and a janitor's closet. Antiterrorism/force protection 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. Air Conditioning (Estimated 400 kW/114 Tons).					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Camp Humphreys, Korea (Area III)		
4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 58242	
11. REQ: 11,714 PN ADQT: 5,089 PN SUBSTD: 6,625 PN		
PROJECT: Construct a barracks complex.(Current Mission)		
<u>REQUIREMENT:</u> This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 464 soldiers. The intended utilization is 248 Junior Enlisted and 108 Sergeants. The US forces Korea Land Partnership Plan (LPP) consolidates forces and returns a number of existing camps back to the Republic of Korea Government (ROKG). This project will be built at Camp Humphreys, which is an enduring installation.		
<u>CURRENT SITUATION:</u> There are insufficient barracks at Camp Humphreys to support the consolidation under the US Forces and Korea Land Partnership Plan (LPP). Many soldiers are housed in overcrowded and substandard H-Relocatable facilities that do not meet the minimum net square footage required by Army standards. These substandard facilities have gang latrines, deteriorated heating systems, inadequate security for soldiers personal and military issue items. They also waste energy and are becoming structurally unsafe.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, U.S. Forces Korea restationing actions will be delayed. Also, soldiers will continue to live in substandard and deteriorated facilities, which will adversely impact morale.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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.		
During the past two years, \$9.7M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Humphreys. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 5,001 personnel at this installation.		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Camp Humphreys, Korea (Area III)

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 58242
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... MAR 2004
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... DEC 2004
 - (d) Date Design Complete..... SEP 2005
 - (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:
Camp Casey

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

- (a) Production of Plans and Specifications..... 850
- (b) All Other Design Costs..... 677
- (c) Total Design Cost..... 1,527
- (d) Contract..... 929
- (e) In-house..... 598

(4) Construction Contract Award..... JAN 2006

(5) Construction Start..... MAR 2006

(6) Construction Completion..... MAR 2008

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: Mr. Bartolome D. Mirabal
Phone Number: DSN 315-753-6050

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Camp Humphreys Korea (Area III)			4. PROJECT TITLE Barracks Complex			
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721	7. PROJECT NUMBER 58354		8. PROJECT COST (\$000) Auth 45,637 Approp 45,637	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						34,042
Barracks		m2 (SF)	17,630 (189,768)		1,481	(26,110)
Bn HQ / Co HQ / Classroom		m2 (SF)	3,366 (36,231)		1,437	(4,835)
Pile Foundation		LS	--		--	(1,318)
IDS Installation		LS	--		--	(36)
Antiterrorism/Force Protection		LS	--		--	(1,408)
Building Information Systems		LS	--		--	(335)
<u>SUPPORTING FACILITIES</u>						6,769
Electric Service		LS	--		--	(504)
Water, Sewer, Gas		LS	--		--	(304)
Paving, Walks, Curbs & Gutters		LS	--		--	(248)
Storm Drainage		LS	--		--	(292)
Site Imp(3,372) Demo(1,289)		LS	--		--	(4,661)
Information Systems		LS	--		--	(611)
Antiterrorism/Force Protection		LS	--		--	(87)
Fuel Oil Storage Tank, 3 EA		LS	--		--	(62)
ESTIMATED CONTRACT COST						40,811
CONTINGENCY PERCENT (5.00%)						<u>2,041</u>
SUBTOTAL						42,852
SUPV, INSP & OVERHEAD (6.50%)						<u>2,785</u>
TOTAL REQUEST						45,637
TOTAL REQUEST (ROUNDED)						45,637
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct two six-story barracks modified 2+2, standard-design barracks, one battalion headquarters, and a duplex medium company headquarters. Pile foundations, fire protection and alarm systems, and building information systems are required for all four buildings. Supporting facilities include underground utilities; exterior lighting; paving, walks, curbs and gutters; fencing and gates; parking; bike racks; dumpster pads; storm drainage; fuel storage tanks; information systems; and site improvements. Heating will be provided by self-contained oil-fired systems. Air conditioning will be provided by a self-contained system. Antiterrorism/force protection 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. Demolish 14 Buildings (Total 5,184 m2/55,797 SF). Air Conditioning (Estimated 2,462 kW/700 Tons).						
11. REQ:		11,714 PN	ADQT: 5,089 PN		SUBSTD:	6,625 PN
PROJECT: Construct a barracks complex. (Current Mission)						
REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 696 soldiers. The intended utilization is 370 Junior Enlisted						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Camp Humphreys, Korea (Area III)

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 58354
--	--------------------------------

REQUIREMENT: (CONTINUED)

and 163 Sergeants.

CURRENT SITUATION: There are insufficient barracks, company operations facilities, and battalion headquarters at Camp Humphreys to support the consolidation under the US Forces and Korea Land Partnership Plan (LPP). Many soldiers are housed in overcrowded and substandard H-Relocatable facilities that do not meet the minimum net square footage required by Army standards. These substandard facilities have gang latrines, deteriorated heating systems, inadequate security for soldiers personal and military issue items. They also waste energy and are becoming structurally unsafe

IMPACT IF NOT PROVIDED: If this project is not provided, U.S. Forces Korea restationing actions will be delayed. Also, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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.

During the past two years, \$9.7M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Humphreys. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 5,001 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2002
- (b) Percent Complete As Of January 2005..... 35.00
- (c) Date 35% Designed..... DEC 2004
- (d) Date Design Complete..... SEP 2005
- (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Camp Humphreys, Korea (Area III)

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 58354
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Camp Humphreys
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-------|
| (a) Production of Plans and Specifications..... | 2,050 |
| (b) All Other Design Costs..... | 1,151 |
| (c) Total Design Cost..... | 3,201 |
| (d) Contract..... | 180 |
| (e) In-house..... | 3,021 |
- (4) Construction Contract Award..... JAN 2006
- (5) Construction Start..... MAR 2006
- (6) Construction Completion..... JUL 2008

Installation Engineer: Mr. Bartolome D. Mirabal
Phone Number: DSN 315-753-6050

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Camp Humphreys Korea (Area III)			4. PROJECT TITLE Barracks Complex		
5. PROGRAM ELEMENT 22496A	6. CATEGORY CODE 721	7. PROJECT NUMBER 58398	8. PROJECT COST (\$000) Auth 40,525 Approp 40,525		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				31,253	
Barracks	m2 (SF)	12,452 (134,032)	1,481	(18,441)	
Company Ops Facilities, 2 EA	m2 (SF)	1,495 (16,092)	1,395	(2,086)	
Dining Facility	m2 (SF)	2,812 (30,268)	2,597	(7,303)	
Pile Foundation	LS	--	--	(845)	
Exercise Field	m2 (SY)	18,211 (21,780)	45.69	(832)	
Total from Continuation page				(1,746)	
<u>SUPPORTING FACILITIES</u>				4,987	
Electric Service	LS	--	--	(919)	
Water, Sewer, Gas	LS	--	--	(600)	
Paving, Walks, Curbs & Gutters	LS	--	--	(342)	
Storm Drainage	LS	--	--	(929)	
Site Imp(1,468) Demo(275)	LS	--	--	(1,743)	
Information Systems	LS	--	--	(333)	
Antiterrorism/Force Protection	LS	--	--	(54)	
Fuel Oil Storage Tank, 3 EA	LS	--	--	(67)	
ESTIMATED CONTRACT COST				36,240	
CONTINGENCY PERCENT (5.00%)				<u>1,812</u>	
SUBTOTAL				38,052	
SUPV, INSP & OVERHEAD (6.50%)				<u>2,473</u>	
TOTAL REQUEST				40,525	
TOTAL REQUEST (ROUNDED)				40,525	
INSTALLED EQT-OTHER APPROP				()	
10. Description of Proposed Construction Construct one eight-story barracks (modified 2+2), two medium two-story company headquarters, an exercise field, and a dining facility (801-1300). Install intrusion detection system (IDS). Special pile foundations are required. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; bicycle rack; parking; storm drainage; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by oil-fired units and air conditioning by self-contained units. Antiterrorism/force protection 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. Demolish 4 Buildings (Total 3,290 m2/35,413 SF). Air Conditioning (Estimated 1,407 kW/400 Tons).					
11. REQ:	11,714 PN	ADQT:	5,089 PN	SUBSTD:	6,625 PN
PROJECT: Construct a barracks complex. (Current Mission)					
REQUIREMENT: This project is required to provide living and working conditions that meet current Army standards for soldiers. The maximum barracks utilization is 464 soldiers. The intended utilization is 248 Junior Enlisted and 108 Sergeants.					

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005		
3. INSTALLATION AND LOCATION Camp Humphreys, Korea (Area III)				
4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 58398			
9. <u>COST ESTIMATES (CONTINUED)</u>				
	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(24)
Antiterrorism/Force Protection	LS	--	--	(1,193)
Building Information Systems	LS	--	--	(529)
			Total	1,746
<p><u>CURRENT SITUATION:</u> There are insufficient barracks, no company operations facilities, and dining facilities at Camp Humphreys to support the consolidation under the US Forces & Korea Land Partnership Plan (LPP). Many soldiers are housed in overcrowded and substandard H-Relocatable facilities that do not meet the minimum net square footage required by Army standards. These substandard facilities have gang latrines, deteriorated heating systems, inadequate security for soldiers personal and military issue items. They also waste energy and are becoming structurally unsafe.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, U.S. Forces Korea restationing actions will be delayed. Also, soldiers will continue to live and work in substandard and deteriorated facilities, which will adversely impact morale.</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/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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>During the past two years, \$9.7M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Humphreys. Upon completion of this multi-phased project and other projects approved through FY 2006, the remaining unaccompanied enlisted permanent party deficit is 5,001 personnel at this installation.</p>				

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
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3. INSTALLATION AND LOCATION

Camp Humphreys, Korea (Area III)

4. PROJECT TITLE Barracks Complex	5. PROJECT NUMBER 58398
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... FEB 2003
 - (b) Percent Complete As Of January 2005..... 35.00
 - (c) Date 35% Designed..... DEC 2004
 - (d) Date Design Complete..... SEP 2005
 - (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:
Camp Casey

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 900
 - (b) All Other Design Costs..... 798
 - (c) Total Design Cost..... 1,698
 - (d) Contract..... 1,023
 - (e) In-house..... 675

- (4) Construction Contract Award..... FEB 2006
- (5) Construction Start..... MAR 2006
- (6) Construction Completion..... JUN 2008

Installation Engineer: Mr. Bartolome D. Mirabal
Phone Number: DSN (315) 753-6050

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 MILITARY CONSTRUCTION (PART I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND/REGION)			PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	-----
Worldwide Various	Planning and Design (PLNGDES/OTHR) Host Nation Support			
62309	Host Nation Support FY 06	0	20,000	343
	Subtotal Planning and Design PART I	\$ 0	20,000	
	Minor Construction (MINOR/OTHR)			
62307	Minor Construction FY 06	0	20,000	345
	Subtotal Minor Construction PART I	\$ 0	20,000	
	Planning and Design (PLNGDES/OTHR)			
62308	Planning and Design FY 06	0	141,393	347
	Subtotal Planning and Design PART I	\$ 0	141,393	
	* TOTAL MCA FOR Worldwide Various	\$ 0	181,393	
	** TOTAL WORLDWIDE FOR MCA	\$ 0	181,393	
	MILITARY CONSTRUCTION (PART I) TOTAL	\$ 1,262,719	1,479,841	

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Host Nation Support Worldwide Various (Planning and Design)			4. PROJECT TITLE Host Nation Support FY 06			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 62309		8. PROJECT COST (\$000) Auth Approp 20,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Host Nation Support		LS	--		--	20,000 (20,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						20,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						20,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						20,000
TOTAL REQUEST (ROUNDED)						20,000
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: NONE ADQT: NONE SUBSTD: NONE						
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						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
----------------------	--	------------------------

3. INSTALLATION AND LOCATION

Host Nation Support, Worldwide Various (Planning and Design)

4. PROJECT TITLE Host Nation Support FY 06	5. PROJECT NUMBER 62309
---	----------------------------

REQUIREMENT: (CONTINUED)

safety needs; Design Surveillance ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Surveillance ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies.

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various			4. PROJECT TITLE Minor Construction FY 06			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 62307		8. PROJECT COST (\$000) Auth Approp 20,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Minor Construction		LS	--		--	20,000 (20,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						20,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						20,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						20,000
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$1,5000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under 10 USC 2805. The funded cost limit can be \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE						
<u>PROJECT:</u> Minor Military Construction, Worldwide						
<u>REQUIREMENT:</u> This line item is needed to provide for Unspecified Minor Construction Program projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.						
<u>CURRENT SITUATION:</u> These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, and provide for the correction of life, health and safety problems. These projects cannot wait until the next annual budget submission.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Minor Construction, Worldwide Various		
4. PROJECT TITLE Minor Construction FY 06	5. PROJECT NUMBER 62307	
<p><u>IMPACT IF NOT PROVIDED:</u> If this line item is not provided, unforeseen mission requirements, environmental protection, and critical life/health/safety issues will not be adequately addressed.</p> <p><u>ADDITIONAL:</u> These projects will be coordinated with the installation physical security and force protection plans. All required physical security and force protection measures will be included. These projects will not be eligible for Host Nation funding.</p>		

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 30 JAN 2005	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various			4. PROJECT TITLE Planning and Design FY 06			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 62308		8. PROJECT COST (\$000) Auth Approp 141,393	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Planning and Design		LS	--		--	141,393 (141,393)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						141,393
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						141,393
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						141,393
TOTAL REQUEST (ROUNDED)						141,393
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: NONE ADQT: NONE SUBSTD: NONE						
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 2006 program; for advancement to final design of projects in FY 2007 and for initiation of design of projects in FY 2008. The funds						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JAN 2005
3. INSTALLATION AND LOCATION Planning and Design, Worldwide Various		
4. PROJECT TITLE Planning and Design FY 06	5. PROJECT NUMBER 62308	
<p>REQUIREMENT: (CONTINUED)</p> <p>request for the annual planning and design requirement includes value 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>		



Army Family Housing
FY 2006 Budget Estimate
Justification Data Submitted to Congress
February 2005

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
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ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
SUMMARY

(\$ in Thousands)

FY 2006 Budget Request	\$1,362,629
FY 2005 Current Estimate	\$1,395,806
FY 2005 Appropriation	\$1,563,806

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget supports the operation, maintenance, leasing, privatization and construction of military family housing worldwide. This budget supports the Army Family Housing Master Plan. Using a combination of traditional military operations; maintenance, and construction; Basic Allowance for Housing (BAH); and Privatization, the FY 2006 Budget Request supports the Departments goal of funding the elimination of inadequate family housing units in 2007 for U.S. installations (including Alaska, Hawaii, and Puerto Rico) and 2008 overseas. The Army's 2006 budget request of \$1,362,629,000 supports the Secretary of Defense commitment to improve military housing for our soldiers and their families.

MAJOR ASSUMPTIONS

Changes in inventory from year to year drive program changes in most accounts and sub-accounts in the Budget Estimate Submission (BES) for FY 2006. Three major assumptions affect the Army's inventory, which impacts the budget request. The Army assumes global re-stationing will begin in FY 2006 and continue through FY 2008. Therefore, foreign inventory begins to decrease in FY 2006. The second assumption that affects inventory is privatization. The Army has developed a privatization schedule, which is reflected in the Army's declining housing inventory. The third major assumption is the decline in Independent Duty Leases. The Army assumes no increase in leases in FY 2005 and a reduction of one-third of leases in FY 2006. Global re-stationing, privatization and reduction of independent duty leases are the three major assumptions used for developing this budget.

EFFECT OF PRIVATIZATION

The Army continues to make progress in eliminating inadequate family housing and improving the well being of the Army's soldiers and their families. Our housing privatization program has been so successful that we will continue to privatize family housing in 2006 through the Residential

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

SUMMARY (Continued)

Communities Initiative Program (RCI), privatizing an additional five projects, with over 7,900 homes. As the Army privatizes housing, the AFH requirement decreases. While AFH decreases, Military Personnel Army (MPA) (BAH) increases significantly. The privatization partner depends on the soldier's BAH to fund the privatization deal.

PROGRAM SUMMARY

Authorization is requested for the performance of certain operation, maintenance, leasing, privatization, and construction of Army Family Housing in the amount of \$1,362,629,000 summarized hereafter.

Appropriation of \$1,362,629,000 is requested to fund:

- a. This FY 2006 Family Housing Construction; and
- b. Family Housing Operations already authorized in existing legislation.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 SUMMARY (Continued)

REQUEST

A summary of the Fiscal Year 2006 AFH funding program follows:

	(\$ in Thousands)	(\$ in Thousands)
CONSTRUCTION REQUEST		\$549,636
New Construction	231,700	
Post Acquisition Construction	300,400	
Advance Planning & Design	17,536	
OPERATION AND MAINTENANCE REQUEST		\$812,993
Operation	137,716	
Utilities	131,860	
Maintenance of Real Property	309,123	
Leasing - World-wide	213,990	
Privatization	20,304	
Mortgage Insurance Premiums	0	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		\$1,362,629
REIMBURSABLE PROGRAM		\$22,000
TOTAL FAMILY HOUSING PROGRAM		\$1,384,629

FEBRUARY 2005

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (PART IIA)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)		AUTHORIZATION	APPROPRIATION
-----	-----		REQUEST	REQUEST
PROJECT	PROJECT TITLE		-----	-----
NUMBER	-----		-----	-----
-----	-----		-----	-----
Alaska	Fort Richardson (USARPAC/PARO)			
61698	Family Housing Replacement Construction		49,000	49,000
			-----	-----
	SUBTOTAL Fort Richardson PART IIA	\$	49,000	49,000
	Fort Wainwright (USARPAC/PARO)			
61726	Family Housing Replacement Construction		49,000	49,000
62512	Family Housing Replacement Construction		42,000	42,000
			-----	-----
	SUBTOTAL Fort Wainwright PART IIA	\$	91,000	91,000
	* TOTAL AFH FOR Alaska	\$	140,000	140,000
Arizona	Fort Huachuca (TRADOC/SWRO)			
61718	Family Housing Replacement Construction		31,000	31,000
			-----	-----
	SUBTOTAL Fort Huachuca PART IIA	\$	31,000	31,000
	Yuma Proving Ground (ATEC/SWRO)			
62178	Family Housing Replacement Construction		11,200	11,200
			-----	-----
	SUBTOTAL Yuma Proving Ground PART IIA	\$	11,200	11,200
	* TOTAL AFH FOR Arizona	\$	42,200	42,200
Oklahoma	Fort Sill (TRADOC/SWRO)			
61690	Family Housing Replacement Construction		24,000	24,000
			-----	-----
	SUBTOTAL Fort Sill PART IIA	\$	24,000	24,000
	* TOTAL AFH FOR Oklahoma	\$	24,000	24,000
Virginia	Fort Lee (TRADOC/NERO)			
62263	Family Housing Replacement Construction		19,500	19,500
			-----	-----
	SUBTOTAL Fort Lee PART IIA	\$	19,500	19,500
	Fort Monroe (TRADOC/NERO)			
62137	Family Housing Replacement Construction		6,000	6,000

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (PART IIA)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
	SUBTOTAL Fort Monroe PART IIA	\$ 6,000	6,000
	* TOTAL AFH FOR Virginia	\$ 25,500	25,500
	** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 231,700	231,700
	MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 231,700	231,700

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 ARMY FAMILY HOUSING
 POST ACQUISITION (PART IIB)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Arizona	Fort Huachuca (TRADOC/SWRO)		
58984	Family Housing Improvements	9,000	9,000
		-----	-----
	SUBTOTAL Fort Huachuca PART IIB	\$ 9,000	9,000
	* TOTAL AFH FOR Arizona	\$ 9,000	9,000
California	Fort Irwin (FORSCOM/SWRO)		
62216	Family Housing Privatization	28,000	28,000
		-----	-----
	SUBTOTAL Fort Irwin PART IIB	\$ 28,000	28,000
	* TOTAL AFH FOR California	\$ 28,000	28,000
Georgia	Fort McPherson (FORSCOM/SERO)		
62217	Family Housing Privatization	11,000	11,000
		-----	-----
	SUBTOTAL Fort McPherson PART IIB	\$ 11,000	11,000
	* TOTAL AFH FOR Georgia	\$ 11,000	11,000
Kansas	Fort Riley (FORSCOM/NWRO)		
62218	Family Housing Privatization	67,000	67,000
		-----	-----
	SUBTOTAL Fort Riley PART IIB	\$ 67,000	67,000
	* TOTAL AFH FOR Kansas	\$ 67,000	67,000
Kentucky	Fort Campbell (FORSCOM/SERO)		
62219	Family Housing Privatization	28,000	28,000
		-----	-----
	SUBTOTAL Fort Campbell PART IIB	\$ 28,000	28,000
	* TOTAL AFH FOR Kentucky	\$ 28,000	28,000
New Mexico	White Sands Missile Range (ATEC/SWRO)		
62224	Family Housing Privatization	4,000	4,000
		-----	-----
	SUBTOTAL White Sands Missile Range PART IIB	\$ 4,000	4,000
	* TOTAL AFH FOR New Mexico	\$ 4,000	4,000

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 ARMY FAMILY HOUSING
 POST ACQUISITION (PART IIB)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
New York	United States Military Academy (USMA/NERO)		
47415	Family Housing Improvements	6,700	6,700
		-----	-----
	SUBTOTAL United States Military Academy PART IIB	\$ 6,700	6,700
	* TOTAL AFH FOR New York	\$ 6,700	6,700
Virginia	Fort Lee (TRADOC/NERO)		
61730	Family Housing Improvements	13,600	13,600
		-----	-----
	SUBTOTAL Fort Lee PART IIB	\$ 13,600	13,600
	* TOTAL AFH FOR Virginia	\$ 13,600	13,600
	** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 167,300	167,300

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 ARMY FAMILY HOUSING
 POST ACQUISITION (PART IIB)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Germany	Germany Various (USAREUR/EURO)		
	Ansbach Bleidorn Fam Hsg		
59124	Family Housing Improvements	9,000	9,000
	Garmisch Garmisch Family Housing		
62005	Family Housing Improvements	5,000	5,000
	Stuttgart Moehringen Family Housing		
59127	Family Housing Improvements	23,000	23,000
	Stuttgart Robinson Grenadier Family Hsg		
60538	Family Housing Improvements	17,500	17,500
62009	Family Housing Improvements	4,700	4,700
	Vilseck South Camp Vilseck		
58919	Family Housing Improvements	11,400	11,400
	Wiesbaden Aukamm Housing Area		
58991	Family Housing Improvements	15,500	15,500
62020	Family Housing Improvements	13,200	13,200
	Wiesbaden Crestview Housing		
55880	Family Housing Improvements	13,800	13,800
	Wiesbaden Hainerberg Hsg and Shop Ctr		
59131	Family Housing Improvements	20,000	20,000
		-----	-----
	SUBTOTAL Germany Various PART IIB	\$ 133,100	133,100
	* TOTAL AFH FOR Germany	\$ 133,100	133,100
	** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 133,100	133,100

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2006
 ARMY FAMILY HOUSING
 POST ACQUISITION (PART IIB)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION (COMMAND/REGION)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES/OTHR)		
62209	Family Housing P&D	17,536	17,536
		-----	-----
	SUBTOTAL Planning and Design PART IIB	\$ 17,536	17,536
	* TOTAL AFH FOR Worldwide Various	\$ 17,536	17,536
	** TOTAL WORLDWIDE FOR AFH	\$ 17,536	17,536
	MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 317,936	317,936

PERFORMANCE METRICS

The Army's investment goal is to eliminate all inadequate family housing by FY 2007. The performance metric is "inadequate family housing units". The FY 2006 budget supports the elimination of 14,478 inadequate family housing units. Of these 1,800 inadequate units are replaced, improved, or revitalized through traditional construction and improvement projects. Five family housing privatization projects are transferred in FY 2006, which address 1,722 inadequate units. Another 4,756 inadequate units are reduced from the inventory during FY 2006 by being demolished or divested. Exhibits FH-7 and FH-8 outline the inadequate elimination of family housing below.

Inadequate Family Housing Inventory

FY 2002, Beginning of Year, Gov't Owned Inventory: 101,796 units
Total Inadequate: 72,216 units
Percent Inadequate: (excluding privatized units): 71%

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

PERFORMANCE METRICS (Continued)

Exhibit FH-7: Summary of Inadequate Unit Elimination

	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010
Beginning Fiscal Year Inventory	101,796	94,295	89,225	70,762	51,610	34,983	27,556	18,540	15,410
Adequate Inventory	29,580	31,378	28,722	25,091	19,412	17,263	21,535	18,540	15,410
Inadequate Inventory	72,216	62,917	60,503	45,671	32,198	17,720	6,021	-	-
Percent Inadequate	71%	67%	68%	65%	62%	51%	22%	0%	0%
Budget Impact*									
Inadequate Reduced	9,299	4,906	14,832	13,473	14,478	11,699	5,399	-	-
Milcon/O&M	2,653	820	1,191	2,008	1,800	3,106	617	-	-
Privatization	5,345	3,357	13,161	11,069	7,922	2,965	** 622	-	-
Demolition/Divestiture	1,301	729	480	396	4,756	4,914	4,782	-	-
Funded by Host Nation (Japan & Korea)	-	-	-	-	-	714	-	-	-
Adequate Units Privatized	1,189	1,227	4,787	7,948	3,057	705	2,855	3,557	1,185
Adequate change by Other *	334	243	(35)	261	(892)	1,157	(757)	427	350
Estimated EOY Inadequate Inventory	62,917	58,011	45,671	32,198	17,720	6,021	-	-	-
Estimated EOY Adequate Inventory	31,378	31,214	25,091	19,412	17,263	21,535	18,540	15,410	14,575
Estimated EOY Total Inventory	94,295	89,225	70,762	51,610	34,983	27,556	18,540	15,410	14,575

Note: Inventory adjustments are based on estimated date the units are privatized (no longer requiring FH O&M funds)
or year in which budgeted for traditional family housing

* Closed Bases, Transfer to Host Nation, New Construction or Acquisition, etc.

** 622 Occupied Surplus

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 PERFORMANCE METRICS (Continued)

Annual Inadequate Family Housing Elimination FH-8
FY 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 (Milcon) projects O&M projects to eliminate inadequate units			
* C/Improve/Aberdeen Proving Grounds	1,065	15	10
* C/Improve/Ansbach	1,162	773	128
* C/Improve/Baumholder	1,875	1,490	188
* C/Improve/Darmstadt	928	1,565	180
* C/Improve/Fort Rucker	1,516	1,064	28
* C/Improve/Stuttgart	1,687	1,327	75
* C/Improve/Vicenza	373	315	156
* C/Improve/West Point Military Academy	1,003	318	51
* C/Improve/Wiesbaden	2,724	2,218	432
* 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/Bamberg	785	693	54
* O/Revite/Baumholder	1,875	1,302	132
* O/Revite/Darmstadt	928	838	234
* O/Revite/Graffenwohr	277	156	48
* O/Revite/Heidelberg	1,987	1,632	19
* O/Revite/Mannheim	2,093	1,873	318
* O/Revite/Schweinfurt	961	789	36
* O/Revite/Stuttgart	1,687	1,252	27
* O/Revite/Vilseck	1,222	272	18
* O/Revite/Wiesbaden	2,724	1,786	72
* O/Revite/Wuerzberg	732	12,676	96
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

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

PERFORMANCE METRICS (Continued)

Annual Inadequate Family Housing Elimination FH-8
FY 2002

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY2002 total units demolished/divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Fort Benning	4,026	3,854	3
* Demolition/Fort Huachuca	1,967	1,471	166
* Demolition/Fort Knox	3,487	2,743	176
* Demolition/Hawthorne	130	50	50
* Demolition/Fort Redstone	543	197	114
* Demolition/Fort Monmouth	893	322	224
* Demolition/Schofield Barracks	5,185	2,628	186
* Demolition/Fort Wainwright	1,269	966	40
* Demolition/Fort Sam Houston	955	324	14
* Demolition/White Sands Missile Range	526	289	74
* Demolition/Fort Dix	758	164	164
* Demolition/Fort Polk	3,641	3,081	17
* Demolition/Fort Wainwright (Part of Replacement Project)	1,269	926	16
* Demolition/Fort Huachuca (Part of Replacement Project)	1,959	1,471	8
* Demolition/Fort Bliss (Part of Replacement Project)	2,762	2,013	34
* Demolition/Stuttgart (Combined in Improvement Project)	1,687	1,214	15
 Total Units at end of FY 2002	 94,295	 62,917	 9,299

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

PERFORMANCE METRICS (Continued)

Annual Inadequate Family Housing Elimination FH-8
FY 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	1,548	266
FY 2003 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/Fort Bragg		3,357	3,357

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

PERFORMANCE METRICS (Continued)

Annual Inadequate Family Housing Elimination FH-8
FY 2003

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
FY2003 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Babenhausen 233rd BSB	666	666	72
* Demolition/Bamberg	785	703	10
* Demolition/Cornhusker	1	1	1
* Demolition/Garmisch (Return to HN)	120	73	4
* Demolition/Hohenfels (Return to HN)	179	48	48
* Demolition/Giessen 284th BSB	1,681	1,580	6
* Demolition/Mannheim 293rd BSB	2,085	1,589	14
* Demolition/Moffett Federal Airfield	711	241	15
* Demolition/Schweinfurt 280th BSB	961	799	3
* Demolition/Stuttgart 6th ASG	1,687	980	8
* Demolition/Fort Monmouth	1,021	840	198
* Demolition/Fort Campbell	4,240	2,840	2
* Demolition/Selfridge ANGB	596	219	20
* Demolition/Fort Benning	4,023	3,812	12
* Demolition/Fort Knox	3,299	3,148	92
* Demolition/Fort Richardson	1,210	942	1
* Demolition/Yongsan Garrison	273	260	37
* Demolition/ Letterkenny	13	13	9
* Demolition/Yuma Proving Ground (Part of Replace Project)	275	242	4
* Demolition/Stuttgart (Combined in Improvement Project)	1,687	972	83
* Demolition/Wiesbaden (Combined in Improvement Project)	2,724	1,282	42
* Demolition/Carlisle Barracks (Combined in Improvement Project)	324	285	8
* Demolition/ Ravanna (Closing)	15	15	15
* Demolition/ Indiana (Closing)	49	25	25
Units at end of FY 2003	89,225	58,011	4,906

During FY03 there was inventory adjustment to current inventory condition and updated schedule 48, resulting in increasing 2,256DU inadequate units. So at the end of FY03, real inadequate balance is 60,267DU.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

*Army Family Housing 2004
Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2004	89,225	60,503	14,832
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/White Sands Missile Range	452	419	58
* C/Replace/Fort Riley	3,052	1,899	62
* C/Replace/Fort Sill	1,415	912	120
* C/Replace/Fort Lee	1,327	956	89
* O/Revite/Ansbach 235th BSB	1,159	822	49
* O/Revite/Garmisch	116	69	38
* O/Revite/Grafenwoehr 409th BSB	277	144	84
* O/Revite/Stuttgart 6th ASG	1,665	889	46
FY 2004 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/POM	1,675	1,669	1,669
* RCI/Fort Stewart/Hunter Army Airfield	2,927	2,230	2,230
* RCI/Fort Campbell	4,238	2,838	2,838
* RCI/Fort Belvoir	2,070	1,851	1,851
* RCI/Fort Irwin/Moffett/ Camp Parks	2,762	866	866
* RCI/Fort Hamilton	436	436	436
* RCI/Fort Detrick/ Walter Reed Missile Center	412	150	150
* RCI/ Fort Polk	3,428	3,121	3,121
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/Fort Monmouth	823	642	154
* Demolition/Fort Monroe	183	98	14
* Demolition/Fort Knox	3,207	2,829	108
* Demolition/Heidelberg 411th BSB	1,988	1,292	9
* Demolition/Picatinny	73	73	3
* Demolition/Selfridge Air National Guard Base	588	190	87
* Demolition/Schweinfurt 280th BSB	958	796	6
* Demolition/Wuerzburg 417th BSB	1,475	1,106	2
* Demolition/Schofield Barracks	4,977	2,312	8
Total Units at end of FY 2004	70,762	45,671	14,832

Notes

1. Dwelling unit revitalized using Minor M&R funds
2. All dwelling units divested, dispose of, returned to host nation (foreign)

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

*Army Family Housing 2005
Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2005	70,762	45,671	13,473
FY 2005 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/Fort Jackson	1,258	956	298
* C/Improve/Fort Riley	3,042	1,827	434
* C/Improve/Grafenwoehr 409th BSB	277	60	48
* C/Improve/Stuttgart 6th ASG	1,665	843	47
* C/Improve/West Point Military Academy	1,001	140	48
* C/Replace/Fort Huachuca	1,783	1,204	205
* C/Replace/Fort Lee	1,328	867	218
* C/Replace/Fort Richardson	1,209	941	92
* C/Replace/Fort Riley	3,042	1,393	126
* C/Replace/Fort Sill	1,415	792	247
* C/Replace/Fort Wainwright	1,463	769	32
* C/Replace/White Sands Missile Range	452	361	156
* C/Replace/Yuma Proving Grounds	272	266	55
FY 2005 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort Eustis/Story	1,115	1,103	1,103
* RCI/ Fort Shafter/ Scofield Barracks	7,881	4,118	4,118
* RCI/ Fort Leonard Wood	2,472	2,446	2,446
* RCI/ Carlisle Barracks/ Picatinny/Monmouth	1,098	835	835
* RCI/ Fort Sam Houston	941	315	315
* RCI/ Fort Bliss/White Sands Missile Range	3,214	2,250	2,250
* RCI/ Fort Drum	2,272	2	2
FY2005 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Bad Aibling Station (Return to Host Nation)	122	122	122
* Demolition/Grafenwoehr 409th BSB (Part of Improvement Project)	277	12	12
* Demolition/Stuttgart 6th ASG (Part of Improvement Project)	1,665	796	13
* Demolition/Fort Huachuca (Part of Replacement Project)	1,783	999	35
* Demolition/Fort Lee (Part of Replacement Project)	1,328	649	80
* Demolition/Yuma Proving Grounds (Part of Replacement Project)	272	211	19
* Demolition/Ansbach 235th BSB (Illesheim)	1,159	773	83
* Demolition/Camp Zama	1,021	735	19
* Demolition/Heidelberg 411th BSB	1,979	1,283	9
* Demolition/West Point Military Academy	1,001	92	4
FY2005 total units addressed by others (Host Nation, Minor M&R, or Excess)			
* Funded with Minor M&R (non-project)/Fort Huachuca	272	964	2
Total Units at end of FY 2005	51,611	32,198	13,473

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

*Army Family Housing 2006
Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2006	51,611	32,198	14,478
FY 2006 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/Fort Huachuca	1,748	962	20
* C/Improve/Fort Lee	1,248	569	128
* C/Improve/Ansbach 235th BSB	1,076	690	60
* C/Improve/Garmisch	116	31	25
* C/Improve/Stuttgart 6th ASG	1,652	783	330
* C/Improve/Vilseck 409th BSB	1,222	152	134
* C/Improve/West Point Military Academy	997	88	36
* C/Improve/Wiesbaden 221st BSB	2,718	1,478	379
* C/Replace/Fort Huachuca	1,748	942	131
* C/Replace/Fort Richardson	1,209	849	117
* C/Replace/Fort Wainwright	1,677	737	180
* C/Replace/Fort Sill	1,415	545	129
* C/Replace/Yuma Proving Ground	253	192	35
* C/Replace/Fort Lee	1,248	441	96
FY 2006 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort Benning	3,959	3,800	3,800
* RCI/ Fort Rucker	1,516	1,036	1,036
* RCI/ Fort Gordon	876	592	592
* RCI/Fort Riley	3,042	1,267	1,267
* RCI/ Fort Leavenworth	1,586	1,227	1,227
FY2006 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Ansbach 235th BSB (Part of Improvement Project)	1,076	630	30
* Demolition/Garmisch (Part of Improvement Project)	116	6	6
* Demolition/Stuttgart 6th ASG (Part of Improvement Project)	1,652	453	142
* Demolition/Vilseck 409th BSB (Part of Improvement Project)	1,222	18	18
* Demolition/Wiesbaden 221st BSB (Part of Improvement Project)	2,718	1,099	96
* Demolition/Yuma Proving Grounds (part of Replacement Project)	253	157	52
* Demolition/Fort Lee (Part of Replacement Project)	1,248	345	70
* Demolition/Fort Huachuca (Part of Replacement Project)	1,748	811	44
* Demolition/Fort Wainwright (Part of Replacement Project)	1,677	557	60
* Demolition/Multiple Sites (Europe)	21,829	12,810	4,236
* Demolition/West Point Military Academy	997	52	2
Total Units at end of FY 2006	34,806	17,720	14,478

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

*Army Family Housing 2007
Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2007	34,806	17,720	11,699
FY 2007 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/Ansbach 235th BSB	1,046	600	116
* C/Improve/Fort Huachuca	1,704	767	16
* C/Improve/Fort Richardson	1,209	732	86
* C/Improve/Fort Sill	1,415	416	416
* C/Improve/Pine Bluff Arsenal	44	44	34
* C/Improve/Selfridge	501	103	103
* C/Improve/Stuttgart 6th ASG	1,468	311	242
* C/Improve/Watervliet Arsenal	71	71	20
* C/Improve/Wiesbaden 221st BSB	2,592	1,003	174
* C/Improve/Fort Lee	1,178	275	142
* C/Replace/Fort McCoy	56	13	13
* C/Replace/Fort Richardson	1,209	646	156
* C/Replace/Fort Wainwright	1,617	497	216
* C/Replace/Fort Huachuca	1,704	751	119
* C/Replace/Pine Bluff Arsenal	44	10	10
FY 2007 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort McPherson	112	42	42
* RCI/Redstone Arsenal	459	202	202
* RCI/ Fort Knox	3,099	2,721	2,721
FY 2007 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Ansbach 235th BSB (Part of Improvement Project)	1,046	484	12
* Demolition/Stuttgart 6th ASG (Part of Improvement)	1,468	69	69
* Demolition/Wiesbaden 221st BSB (Part of Improvement)	2,592	829	60
* Demolition/Fort Richardson (Part of Improvement)	1,209	490	24
* Demolition/Fort Lee (Part of Improvement & Replacement)	1,178	133	58
* Demolition/Fort Huachuca (Part of Replacement)	1,704	632	26
* Demolition/Fort Wainwright (Part of Replacement)	1,617	281	120
* Demolition/Multiple Sites (Europe)	16,267	8,373	2,974
* Demolition/Camp Zama	1,002	716	165
* Demolition/Watervliet Arsenal	71	51	51
* Divest/ Yongsan Garrison ¹	283	223	223
FY 2007 total units addressed by others (Host Nation, Minor M&R, or Excess)			
* Funded by Host Nation/ Camp Hialeah	91	91	91
* Funded by Host Nation/ Camp Walker	100	72	72
* Funded by Host Nation/ Camp Zama	1,002	551	551
* Funded with Minor M&R (non-project)/Aberdeen Proving Grounds	1,065	623	543
* Funded with Minor M&R (non-project)/Iowa	2	2	2
* Funded with Minor M&R (non-project)/Lake City Army Ammunition Plant	11	11	11
* Funded with Minor M&R (non-project)/Letterkenny	4	4	4
* Funded with Minor M&R (non-project)/Fort McNair	29	8	8
* Funded with Minor M&R (non-project)/Fort Monroe	169	84	84
* Funded with Minor M&R (non-project)/Fort Richardson	1,209	466	420
* Funded with Minor M&R (non-project)/Fort Wainwright	1,617	161	161
* Funded with Minor M&R (non-project)/Red River Army Depot	1	1	1
* Funded with Minor M&R (non-project)/Natick Soldier Systems Center	80	9	9
* Redesignated as Excess/Fort Myer	178	128	128
* Redesignated as Excess/Fort Huachuca	1,704	606	606
* Redesignated as Excess/Fort Jackson	1,417	658	166
* Redesignated as Excess/Fort Lee	1,178	75	75
* Redesignated as Excess/Fort Richardson	1,209	46	46
* Redesignated as Excess/Umatilla Chemical Depot	6	6	6
* Redesignated as Excess/Yuma Proving Grounds	200	105	105
Total Units at end of FY 2007	27,236	6,021	11,699

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

*Army Family Housing 2008
 Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2008	27,236	6,021	6,021
FY 2008 total traditional construction (Milcon) projects and O&M projects to eliminate inadequate units			
* C/Improve/Wiesbaden 221st BSB	2,423	769	617
FY 2008 total units privatized (no longer require FH O& M) to eliminate inadequate housing			
* RCI/ West Point Military Academy	995	50 ¹	50
* RCI/ Aberdeen Proving Grounds	1,065	80 ¹	80
* RCI/Fort Jackson	1,417	492 ¹	492
FY2008 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
* Demolition/Multiple Sites (Europe)	12,753	4,782	4,630
* Demolition/Wiesbaden 221st BSB (Part of Improvement)	2,423	152	152
Total Units at end of FY 2008	18,390	-	6,021

Note

1. 622 Occupied Surplus

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

*Army Family Housing 2009
 Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2009	18,390	-	-
FY 2009 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			
* 			
FY 2009 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort Huachuca/Yuma Proving Grounds	1,878	-	-
* RCI/ Fort Lee	1,178	-	-
* RCI/ Selfridge Air National Guard Base	501	-	-
FY2009 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
Total Units at end of FY 2009	15,259	-	-

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

*Army Family Housing 2010
 Annual Inadequate Family Housing Elimination*

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2010	15,259	-	-
FY 2010 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			
*			
FY 2010 total units privatized (no longer require FH O&M) to eliminate inadequate housing			
* RCI/ Fort Richardson	1,185	-	-
FY2010 total units demolished/ divested/ or otherwise permanently removed from family housing inventory			
Total Units at end of FY 2010	14,424	-	-

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

PROGRAM ASSESSMENT RATING TOOL

The Administration has applied the Program Assessment Rating Tool (PART) to the DoD Family Housing Program. The Housing PART received high scores for purpose and planning. It also revealed that DoD needs to work toward eliminating inadequate housing by 2007, eliminate all out-of-pocket housing expenses, and privatize government-owned housing, where feasible. For more details see Exhibit on the administration's key performance measures on the next page.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

Program: *Housing*

Rating: *Moderately Effective*

Agency: *Department of Defense--Military*

Program Type: *Direct Federal*

Bureau: *Military Personnel*

Last Assessed: *2 years ago*

<i>Key Performance Measures from Latest PART</i>	<i>Year</i>	<i>Target</i>	<i>Actual</i>
Long-term Measure: Reduce the number of inadequate houses to zero by 2007	2003	125,366	140,641
	2004	98,953	117,615
	2005	67,079	
	2006	36,572	
Annual Measure: Number of housing units privatized	2003	34,849	40,992
	2004	41,258	68,210
	2005	142,299	
	2006	172,419	
Annual Measure: Percent of service members out-of-pocket housing expenses as a fraction of the national median housing costs	2003	7.5%	7.5%
	2004	3.5%	3.5%
	2005	0%	

Recommended Follow-up Actions

Status

Eliminate all out-of-pocket housing expenses by providing an appropriate housing allowance.

Action taken, but not completed

Privatize government-owned housing, where feasible, so that military service members and their families can live in quality housing.

Action taken, but not completed

Work toward meeting yearly targets so that DoD can eliminate all inadequate housing by 2007.

Action taken, but not completed

Update on Follow-up Actions:

An appropriate housing allowance, eliminating out-of-pocket expenses, has been enacted; implementation is expected by the end of 2005. Privatization of government housing is being executed on an annual basis; progress is being made as optimal projects are identified. Elimination of inadequate housing units is being executed on an annual basis; the budget includes funding for completion by 2007 for housing units in the US. Inadequacy of overseas housing units will be evaluated upon completion of the global posture initiative.

Program Funding Level (in millions of dollars)

<u>2004 Actual</u>	<u>2005 Estimate</u>	<u>2006 Estimate</u>
17,001	15,554	16,371

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ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. --Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Alaska	Fort Richardson	117 units	49,000,000
Alaska	Fort Wainwright	96 units	49,000,000
Alaska	Fort Wainwright	84 units	42,000,000
Arizona	Fort Huachuca	131 units	31,000,000
Arizona	Yuma Proving Ground	35 units	11,200,000
Oklahoma	Fort Sill	129 units	24,000,000
Virginia	Fort Lee	96 units	19,500,000
Virginia	Fort Monroe	<u>21 units</u>	<u>6,000,000</u>
	Total	709	231,700,000

(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 [\$29,209,000] \$17,536,000.

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 [\$211,990,000] \$300,400,000.

AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(6) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [\$636,099,000] \$549,636,000.

(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 [\$928,907,000] \$812,993,000.

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, [\$636,099,000] \$549,636,000 to remain available until [September 30, 2009] September 30, 2010.

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, principal and interest charges, and insurance premiums, as authorized by law, [\$928,907,000] \$812,993,000.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
Items of Interest - MILCON Appropriations Committees

Appropriations Conference Report #108-773

General and Flag Officer Quarters, Maintenance and Repair over \$35K

Section 124, the Committee directed the Services to notify Congress before spending more than \$35,000 per unit annually. The Army will prepare notification as projects occur. (See Tab, GFOQ over \$35K)

General and Flag Officer Quarters, Cost Reports

Section 124, the Committee directed the Under Secretary of Defense (Comptroller) to report annually all operations and maintenance expenditures for each individual general or flag officer quarters for the prior fiscal year. (Submitted separately).

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ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 NEW CONSTRUCTION

(\$ in Thousands)

FY 2006 Budget Request	\$231,700
FY 2005 Current Estimate	\$394,900
FY 2005 Appropriation	\$394,900

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 housing. New units are also built when adequate off post housing is not available. Cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 2006 for:

1. Construction of 709 family housing units, which are not economical to revitalize and will be demolished.
2. Appropriation in the amount of \$231,700,000 to fund construction of 709 family housing units and demolition of 914 existing family housing units.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 NEW CONSTRUCTION (Continued)

A summary of the requested new construction funding program for FY 2006 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u>		<u>Amount</u>
		<u>Constr.</u>	<u>Demolished</u>	<u>(\$000)</u>
Fort Richardson, AK	Current	117	117	49,000
Fort Wainwright, AK	Current	96	128	49,000
Fort Wainwright, AK	Current	84	112	42,000
Fort Huachuca, AZ	Current	131	175	31,000
Yuma Proving Ground, AZ	Current	35	87	11,200
Fort Sill, OK	Current	129	129	24,000
Fort Lee, VA	Current	96	166	19,500
Fort Monroe, VA	Current	<u>21</u>	<u>0</u>	<u>6,000</u>
TOTAL		709	914	231,700

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE FEBRUARY 2005			
3. INSTALLATION AND LOCATION Fort Richardson Alaska			4. COMMAND US Army Pacific (Installation Mgt Agency, Pacific Region)			5. AREA CONSTRUCTION COST INDEX 1.68				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	246	2699	773	0	37	0	24	57	1036	4,872
B. END FY 2011	236	2567	708	0	36	0	20	57	1039	4,663
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	29,572 ha		(73,073 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2004.....							5,003,927			
C. AUTHORIZATION NOT YET IN INVENTORY.....							59,060			
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....							49,000			
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....							83,600			
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							332,105			
H. GRAND TOTAL.....							5,527,692			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		DESIGN STATUS				
CODE	NUMBER	PROJECT TITLE		(\$000)		START	COMPLETE			
711	61698	Family Housing Replacement Construction		49,000		TURNKEY				
				TOTAL		49,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST (\$000)						
CODE	PROJECT TITLE		(\$000)							
A. REQUESTED IN THE FY 2007 PROGRAM:										
711	Family Housing Replacement Construction		24,000							
711	Family Housing Improvements		14,600							
711	Family Housing Replacement Construction		45,000							
				TOTAL		83,600				
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A										
10. MISSION OR MAJOR FUNCTIONS:										
Fort Richardson garrisons elements of the Headquarters, US Army Alaska, 1st Battalion, 501st Parachute Infantry Regiment; and 4-23 Infantry Battalion; and supporting organizations. It also provides on-post army family housing for approximately 1200 families. Support includes training ranges and maneuver areas on post.										

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2005								
INSTALLATION AND LOCATION: Fort Richardson, Alaska										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Richardson Alaska			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 711	7. PROJECT NUMBER 61698		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>						29,790
Construct GO 4-BR Unit		FA	1	--	482,066	(482)
Construct FGO 3-BR Units		FA	3	--	271,327	(814)
Construct FGO 4-BR Units		FA	4	--	313,475	(1,254)
Construct SNCO 3-BR Units		FA	40	--	251,570	(10,063)
Construct SNCO 4-BR Units		FA	3	--	293,718	(881)
Total from Continuation page						(16,296)
<u>SUPPORTING FACILITIES</u>						13,248
Electric Service		LS	--	--	--	(1,901)
Water, Sewer, Gas		LS	--	--	--	(2,696)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(1,591)
Storm Drainage		LS	--	--	--	(1,153)
Site Imp(3,943) Demo(1,964)		LS	--	--	--	(5,907)
ESTIMATED CONTRACT COST						43,038
CONTINGENCY PERCENT (5.00%)						<u>2,152</u>
SUBTOTAL						45,190
SUPV, INSP & OVERHEAD (6.50%)						2,937
DESIGN/BUILD - DESIGN COST						<u>1,130</u>
TOTAL REQUEST						49,257
TOTAL REQUEST (ROUNDED)						49,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 117 officer and enlisted family quarters consisting of 1 general officer (GO) four-bedroom unit, 7 field grade officer (FGO) units (3 three-bedroom and 4 four-bedroom), 43 senior noncommissioned officer (SNCO) units (40 three-bedroom and 3 four-bedroom), and 66 junior noncommissioned officer (JNCO) units (50 three-bedroom and 16 five-bedroom) in the Birch Hill (1 unit), Kodiak Flats (50 units), and Moose Haven (66 units) neighborhoods. These units are being constructed to replace existing inadequate units to be demolished in Birch Hill (1 unit) and Cottonwood (116 units) neighborhoods. Construction consists of variously configured single family and multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses built to current standards. The design will incorporate the architectural elements and themes adopted by the Fort Richardson Housing Community Plan. Project will provide attached garages, individual heating controls, hard-wired interconnected smoke detectors, exterior storage, arctic space, and all equipment and appliances for functional living units. Supporting facility construction includes electrical and communication distribution systems, water, sewer and roadways with appropriate curb and gutter and stormwater management devices. Recreation						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Fort Richardson, Alaska

4. PROJECT TITLE

Family Housing Replacement Construction

5. PROJECT NUMBER

61698

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Construct JNCO 3-BR Units	FA	50 --	223,910	(11,196)
Construct JNCO 5-BR Units	FA	16 --	318,743	(5,100)
			Total	16,296

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

facilities and sidewalks will also be constructed with residential-type street lighting. Six of these units will be made easily modifiable to accommodate the requirements of the handicapped.

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No. of Units	Total (\$000)
GO	4	3,176	3,938	366	1.68	\$784	1	\$482
FGO	3	1,790	2,220	206	1.68	\$784	3	\$814
FGO	4	2,065	2,560	238	1.68	\$784	4	\$1,254
SNCO	3	1,661	2,060	191	1.68	\$784	40	\$10,063
SNCO	4	1,935	2,400	223	1.68	\$784	3	\$881
JNCO	3	1,476	1,830	170	1.68	\$784	50	\$11,196
JNCO	5	2,097	2,600	242	1.68	\$784	16	\$5,100
							TOTAL	117 \$29,790

PROJECT: Whole neighborhood revitalization by construction of 117 officer and enlisted family quarters to include neighborhood amenities and supporting infrastructure, all to current standards, to replace 117 inadequate units which will be demolished. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for officer and enlisted personnel 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.

CURRENT SITUATION: Fort Richardson faces an acute housing quality predicament. The existing 8-plex housing inventory was constructed in the late 1940's and early 1950's. The housing units are significantly undersized. These units have had no major improvements since original construction. Kitchens and bathrooms are poorly arranged, worn out, and need replacement. The units do not provide the additional indoor activity room authorized for this artic climate. The units have no garages as authorized under current standards. The existing structures feature insufficient insulation, resulting in uneven heating and contributing to the excessively high energy costs experienced at

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Richardson, Alaska		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 61698	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>the installation. Partition walls between the units are not 2-hour fire rated and have no sound proofing, creating a "boarding house" atmosphere. Interior electrical systems are not consistent with current code requirements or needs of modern family living. Underground utilities are deteriorating, generating maintenance and reliability concerns. Overhead power and telephone lines are deteriorated, unsightly, and subject to ice damage. Neighborhood recreation facilities are inadequate. The density of the housing units and the layout of central parking courts have resulted in crowded conditions with inadequate parking for residents and no parking available for visitors.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the only feasible alternative. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders.</p> <p>JOINT USE CERTIFICATION: 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> <p style="text-align: center;">Installation Engineer: Ted Timmons, P.E. Phone Number: 907-384-3007</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL																		
				February 2005	2006	P&L (AR) 1716																		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION																						
5. DATA AS OF		a. NAME Fort Richardson A02781			b. LOCATION Fort Richardson AK 99505																			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED																			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)																
6. TOTAL PERSONNEL STRENGTH	184	1,748	452	2,384	242	2,143	531	2,916																
7. PERMANENT PARTY PERSONNEL	176	1,564	404	2,144	202	1,979	511	2,692																
8. GROSS FAMILY HOUSING REQUIREMENTS	153	1,336	190	1,679	195	1,675	238	2,108																
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	53	0	53																				
a. INVOLUNTARILY SEPARATED				0																				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0																				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		53		53																				
10. VOLUNTARY SEPARATIONS	14	49	7	70	15	51	7	73																
11. EFFECTIVE HOUSING REQUIREMENTS	139	1,287	183	1,609	180	1,624	231	2,035																
12. HOUSING ASSETS (a + b)	188	1,285	186	1,659	234	1,300	187	1,721																
a. UNDER MILITARY CONTROL	122	919	169	1,210	122	919	169	1,210																
(1) Housed in Existing DOD Owned/Controlled	109	874	167	1,150	122	919	169	1,210																
(2) Under Contract / Approved								0																
(3) Vacant	13	45	2	60																				
(4) Inactive				0																				
b. PRIVATE HOUSING	66	366	17	449	112	381	18	511																
(1) Acceptably Housed	66	366	17	449																				
(2) Acceptable Vacant Rental				0																				
13. EFFECTIVE HOUSING DEFICIT	(49)	2	(3)	(50)	(54)	324	44	314																
14. PROPOSED PROJECT					8	76	33	117																
15. REMARKS (Specify item number)																								
Line 14: This project demolishes 117 uneconomical to repair housing units and constructs 1 GFOQ unit, 7 Field Grade units, 43 Senior Enlisted units, and 66 Junior Enlisted units.																								
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">GFOQ</td> <td style="width: 33%;">1 4 Bedroom Unit</td> <td style="width: 33%;">Senior Enlisted</td> <td style="width: 33%;">40 3 Bedroom Units</td> </tr> <tr> <td></td> <td>Field Grade Of 3</td> <td></td> <td>3 4 Bedroom Units</td> </tr> <tr> <td></td> <td>4 4 Bedroom Units</td> <td>Junior Enlisted</td> <td>50 3 Bedroom Units</td> </tr> <tr> <td></td> <td></td> <td></td> <td>16 5 Bedroom Units</td> </tr> </table>									GFOQ	1 4 Bedroom Unit	Senior Enlisted	40 3 Bedroom Units		Field Grade Of 3		3 4 Bedroom Units		4 4 Bedroom Units	Junior Enlisted	50 3 Bedroom Units				16 5 Bedroom Units
GFOQ	1 4 Bedroom Unit	Senior Enlisted	40 3 Bedroom Units																					
	Field Grade Of 3		3 4 Bedroom Units																					
	4 4 Bedroom Units	Junior Enlisted	50 3 Bedroom Units																					
			16 5 Bedroom Units																					

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 2005		
3. INSTALLATION AND LOCATION Fort Wainwright Alaska		4. COMMAND US Army Pacific (Installation Mgt Agency, Pacific Region)		5. AREA CONSTRUCTION COST INDEX 2.04	
6. PERSONNEL STRENGTH:					
	PERMANENT	STUDENTS			SUPPORTED
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 2004	559 4166 683	0 0 0	7 42 1076		6,533
B. END FY 2011	583 4319 730	0 0 0	7 42 1041		6,722
7. INVENTORY DATA (\$000)					
A. TOTAL AREA.....	647,838 ha (1,600,836 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....			3,856,594		
C. AUTHORIZATION NOT YET IN INVENTORY.....			259,047		
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....			91,000		
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....			124,000		
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....			0		
G. REMAINING DEFICIENCY.....			338,300		
H. GRAND TOTAL.....			4,668,941		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:					
CATEGORY PROJECT			COST	DESIGN STATUS	
CODE NUMBER	PROJECT TITLE		(\$000)	START COMPLETE	
711 61726	Family Housing Replacement Construction		49,000	TURNKEY	
711 62512	Family Housing Replacement Construction		42,000	TURNKEY	
	TOTAL		91,000		
9. FUTURE PROJECT APPROPRIATIONS:					
CATEGORY			COST		
CODE	PROJECT TITLE		(\$000)		
A. REQUESTED IN THE FY 2007 PROGRAM:					
711	Family Housing Replacement Construction		49,000		
711	Family Housing Replacement Construction		27,000		
711	Family Housing Replacement Construction		48,000		
	TOTAL		124,000		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE					
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A					
10. MISSION OR MAJOR FUNCTIONS:					
Fort Wainwright garrisons elements of the 172nd Infantry Brigade and supporting organizations. It also provides 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 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2005								
INSTALLATION AND LOCATION: Fort Wainwright, Alaska										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 61726		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>						28,962
Construct JNCO 3-BR Units		FA	84 --		282,767	(23,752)
Construct SNCO 5-BR Units		FA	12 --		434,130	(5,210)
<u>SUPPORTING FACILITIES</u>						13,969
Electric Service		LS	--		--	(1,932)
Water, Sewer, Gas		LS	--		--	(2,586)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,367)
Storm Drainage		LS	--		--	(944)
Site Imp(2,103) Demo(4,516)		LS	--		--	(6,619)
Information Systems		LS	--		--	(521)
ESTIMATED CONTRACT COST						42,931
CONTINGENCY PERCENT (5.00%)						2,147
SUBTOTAL						45,078
SUPV, INSP & OVERHEAD (6.50%)						2,930
DESIGN/BUILD - DESIGN COST						1,127
TOTAL REQUEST						49,135
TOTAL REQUEST (ROUNDED)						49,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 96 junior and senior enlisted family quarters consisting of 84 junior noncommissioned officer (JNCO) three-bedroom units and 12 senior noncommissioned officer (SNCO) five-bedroom units to replace 128 inadequate family housing units in the Southern Cross housing area that will be demolished to provide sites for this construction. Construction consists of variously configured single family and multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses built to current standards. The design will incorporate the architectural elements and themes adopted by the Fort Wainwright Housing Community Plan. Project will provide attached garages, individual heating controls, hard-wired interconnected smoke detectors, exterior storage, arctic space, and all equipment and appliances for functional living units. Supporting facility construction will include upgrades of associated neighborhood amenities and support infrastructure. Five of these units will be made easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 61726
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No. of Units	Total (\$000)
JNCO	3	1,476	1,830	170	2.12	\$784	84	\$23,752
SNCO	5	2,266	2,810	261	2.12	\$784	12	\$ 5,210
TOTAL							96	\$28,962

PROJECT: Whole neighborhood revitalization by construction of 96 enlisted family quarters to include neighborhood amenities and supporting infrastructure, all to current standards to replace 128 units that will be demolished with this project. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for noncommissioned 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.

CURRENT SITUATION: The existing family housing in the Southern Cross neighborhood was constructed in 1954 as two- and three-bedroom eight-plex townhouse units. These units have had no significant improvement since original construction, are inadequately sized, and lack adequate parking. Some asbestos and lead-based paint is also present in these units, electrical utilities are above ground and should be placed underground, road and sidewalks need resurfacing, and there is a deficiency of the required recreational amenities.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing cannot economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating, maintenance costs, and continued deterioration of the facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders. JOINT USE CERTIFICATION: 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.

Installation Engineer: Mr. Mike Meeks
Phone Number: 907-384-3000

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL		
				February 2005	2006	P&L (AR) 1716		
3. DOD COMPONENT		4. REPORTING INSTALLATION						
ARMY		a. NAME			b. LOCATION			
5. DATA AS OF		Fort Wainwright A02871			Fort Wainwright AK 99703			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	536	3,331	787	4,654	590	3,525	836	4,951
7. PERMANENT PARTY PERSONNEL	535	3,326	785	4,646	558	3,447	818	4,823
8. GROSS FAMILY HOUSING REQUIREMENTS	449	2,846	276	3,571	482	3,058	299	3,839
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	519	106	625				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		519	106	625				
10. VOLUNTARY SEPARATIONS	5	100	9	114	6	120	11	137
11. EFFECTIVE HOUSING REQUIREMENTS	444	2,746	267	3,457	476	2,938	288	3,702
12. HOUSING ASSETS (a + b)	516	1,801	149	2,466	476	1,885	220	2,581
a. UNDER MILITARY CONTROL	292	1,463	143	1,898	205	1,480	213	1,898
(1) Housed in Existing DOD Owned/Controlled	276	1,394	137	1,807	143	1,539	137	1,819
(2) Under Contract / Approved							0	0
(3) Vacant	16	69	6	91				
(4) Inactive				0				
b. PRIVATE HOUSING	224	338	6	568	271	405	7	683
(1) Acceptably Housed	224	338	6	568				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(72)	945	118	991	0	1,053	68	1,121
14. PROPOSED PROJECT					0	112	68	180
15. REMARKS (Specify item number)								
Line 14: These two projects demolish 240 uneconomical to repair family housing units and construct 12 Senior Enlisted units and 168 Junior Enlisted units.								
Senior Enlisted		12 5 Bedroom Units						
Junior Enlisted		168 3 Bedroom Units						

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1.COMONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2.DATE FEBRUARY 2005	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska			4.PROJECT TITLE Family Housing Replacement Construction			
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 62512		8.PROJECT COST (\$000) Auth 42,000 Approp 42,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,752
Construct JNCO 3-BR Units		FA	84 --		282,767	(23,752)
<u>SUPPORTING FACILITIES</u>						12,581
Electric Service		LS	--		--	(1,584)
Water, Sewer, Gas		LS	--		--	(2,121)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,596)
Storm Drainage		LS	--		--	(1,012)
Site Imp(1,962) Demo(4,306)		LS	--		--	(6,268)
ESTIMATED CONTRACT COST						36,333
CONTINGENCY PERCENT (5.00%)						<u>1,817</u>
SUBTOTAL						38,150
SUPV, INSP & OVERHEAD (6.50%)						2,480
DESIGN/BUILD - DESIGN COST						<u>954</u>
TOTAL REQUEST						41,584
TOTAL REQUEST (ROUNDED)						42,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 84 junior noncommissioned officer (JNCO) three-bedroom family quarters to replace 112 inadequate family housing units in the Southern Cross housing area that will be demolished to provide sites for this construction. Construction consists of variously configured single family and multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses built to current standards. The design will incorporate the architectural elements and themes adopted by the Fort Wainwright Housing Community Plan. Project will provide attached garages, individual heating controls, hard-wired interconnected smoke detectors, exterior storage, arctic space, and all equipment and appliances for functional living units. Supporting facility construction will include upgrades of associated neighborhood amenities and support infrastructure. Five of these units will be made easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 62512
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No. of Units	Total (\$000)
JNCO	3	1,476	1,830	170	2.12	\$784	84	\$23,752
TOTAL							84	\$23,752

PROJECT: Whole neighborhood revitalization by construction of 84 enlisted family quarters to include neighborhood amenities and supporting infrastructure, all to current standards, to replace 112 units that will be demolished with this project. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for noncommissioned 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.

CURRENT SITUATION: The existing family housing in the Southern Cross neighborhood was constructed in 1954 as three-bedroom eight-plex townhouse units. These units have had no significant improvement since original construction, are inadequately sized, and lack adequate parking. Some asbestos and lead-based paint is also present in these units, electrical utilities are above ground and should be placed underground, road and sidewalks need resurfacing, and there is a deficiency of the required recreational amenities.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing cannot economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating, maintenance costs, and continued deterioration of the facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders. JOINT USE CERTIFICATION: 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.

Installation Engineer: Mr. Mike Meeks
Phone Number: 907-384-3000

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 2005																																											
3. INSTALLATION AND LOCATION Fort Huachuca Arizona		4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)		5. AREA CONSTRUCTION COST INDEX 1.11																																										
6. PERSONNEL STRENGTH: <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> </tr> </thead> <tbody> <tr> <td>A. AS OF 30 SEP 2004</td> <td>603</td> <td>3528</td> <td>2195</td> <td>429</td> <td>2229</td> <td>11</td> <td>64</td> <td>270</td> <td>3744</td> <td>13,073</td> </tr> <tr> <td>B. END FY 2011</td> <td>584</td> <td>3496</td> <td>2564</td> <td>434</td> <td>2267</td> <td>14</td> <td>64</td> <td>269</td> <td>3743</td> <td>13,435</td> </tr> </tbody> </table>						PERMANENT			STUDENTS			SUPPORTED			TOTAL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	A. AS OF 30 SEP 2004	603	3528	2195	429	2229	11	64	270	3744	13,073	B. END FY 2011	584	3496	2564	434	2267	14	64	269	3743	13,435
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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</p>																																														

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2005								
INSTALLATION AND LOCATION: Fort Huachuca, Arizona										
<p>10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)</p> <p>Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC, TRADOC and FORSCOM Activities, and approximately 20 other tenant elements.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
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B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Huachuca Arizona			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 61718		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>						18,314
Construct 3-BR JNCO Units		FA	80 --		129,563	(10,365)
Construct 4-BR JNCO Units		FA	50 --		155,303	(7,765)
Construct 5-BR JNCO Units		FA	1 --		183,618	(184)
<u>SUPPORTING FACILITIES</u>						8,631
Electric Service		LS	--		--	(1,066)
Water, Sewer, Gas		LS	--		--	(1,562)
Paving, Walks, Curbs & Gutters		LS	--		--	(890)
Storm Drainage		LS	--		--	(613)
Site Imp(2,907) Demo(1,593)		LS	--		--	(4,500)
ESTIMATED CONTRACT COST						26,945
CONTINGENCY PERCENT (5.00%)						<u>1,347</u>
SUBTOTAL						28,292
SUPV, INSP & OVERHEAD (5.70%)						1,613
DESIGN/BUILD - DESIGN COST						<u>707</u>
TOTAL REQUEST						30,612
TOTAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 131 junior noncommissioned officer (JNCO) family quarters consisting of 80 three-bedroom, 50 four-bedroom, and 1 five-bedroom units in the Pershing Plaza/Miles Manor neighborhood, built to current standards to replace 175 existing inadequate family housing units that will be demolished to provide sites for this construction. Construction consists of variously configured single and multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on sites made available by the demolition of existing units. Demolition of units includes asbestos and lead-paint removal. Project will provide individual heating and air conditioning controls, hard-wired interconnected smoke and carbon monoxide detectors, storage within the garages, a fenced patio, full desert landscaping, and all equipment and appliances for functional living units. Supporting facility work includes reutilizing portions of existing infrastructure, constructing new underground electrical and communication distribution systems and service connections, new water and sewer mains and laterals, restoring portions of existing roadways and constructing new roadways including curbs and gutters, sidewalk additions, and expansion and revitalization or replacement of existing recreation amenities, landscaping						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Fort Huachuca, Arizona

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 61718
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

and trees. Seven of these units will be handicapped accessible and easily modifiable to accommodate the requirements of the handicapped.

Grade	No of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No of Units	Total (\$000)
JNCO	3	1,315	1,630	151	1.11	773	80	\$10,365
JNCO	4	1,565	1,940	180	1.11	773	50	\$ 7,765
JNCO	5	1,855	2,300	214	1.11	773	1	\$ 184
Total							131	\$18,314

PROJECT: Construct 131 junior noncommissioned officer family housing units including neighborhood amenities and supporting infrastructure to replace 175 existing inadequate units that will be demolished to provide sites for the new units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for junior noncommissioned 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.

CURRENT SITUATION: The recently completed housing market analysis indicates that a portion of the on-post family housing is surplus based on the local community's projected ability to provide additional housing for use by military families. This project will upgrade/replace non-surplus on-post quarters to provide fully adequate family housing in accordance with the Army's Family Housing Master Plan. Coordination with the local community, to include impact on schools, has been initiated. Phased demolition is required in order to preclude creation of a temporary or artificial on-post deficit while bringing required housing up to standards, and to allow the local community time to build additional housing in response to the projected increase in demand for housing by military families. These units have not had any major improvements since original construction, and have foundation problems in the expansive soil present. Asbestos and lead paint have been identified in these quarters. Current roof systems are flat "built up" roofs with obvious weathering and deterioration, and need to be replaced with pitched shingle roofs to reduce leaking and improve appearance. Roof and wall insulation is inadequate and original single pane windows require replacement. Some units lack a family room, interior storage space, and enclosed laundry facilities. Existing carports do not provide adequate protection for vehicles from the harsh desert environment. There is very little designated off-street parking, and sidewalks only exist along the main thoroughfare. There is a significant deficiency of tot lots and recreation facilities, and the area in general lacks any sense or appearance of a neighborhood.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Huachuca, Arizona		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 61718	
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers and their families will continue to reside in inadequate housing with insufficient bathroom, laundry and storage facilities, adversely affecting the health, safety and quality of life of these families. Existing housing can not economically be revitalized to be comparable to the standards of private sector housing off-post. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities. The quality of life will become substantially less than comparable to families living off-post in the private sector.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders.</p> <p><u>JOINT USE CERTIFICATION:</u> 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> <p style="text-align: center;">Installation Engineer: John A. Ruble Phone Number: 520-533-3141</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 2005		2. FISCAL YEAR 2006		REPORT CONTROL SYMBOL P&L (AR) 1716	
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Huachuca A04005				b. LOCATION Fort Huachuca AZ 85613			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		1,051	3,375	2,765	7,191	1,082	3,408	2,624	7,114
7. PERMANENT PARTY PERSONNEL		755	2,849	506	4,110	819	3,105	505	4,429
8. GROSS FAMILY HOUSING REQUIREMENTS		585	2,196	193	2,974	685	2,375	192	3,252
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		0	0	0	0				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY					0				
10. VOLUNTARY SEPARATIONS		17	40		57	16	38		54
11. EFFECTIVE HOUSING REQUIREMENTS		568	2,156	193	2,917	669	2,337	192	3,198
12. HOUSING ASSETS (a + b)		614	2,440	244	3,298	669	2,361	192	3,222
a. UNDER MILITARY CONTROL		203	1,145	147	1,495	242	1,104	105	1,451
(1) Housed in Existing DOD Owned/Controlled		183	947	147	1,277	242	1,104	105	1,451
(2) Under Contract / Approved									0
(3) Vacant		20	198		218				
(4) Inactive					0				
b. PRIVATE HOUSING		411	1,295	97	1,803	427	1,257	87	1,771
(1) Acceptably Housed		411	1,295	97	1,803				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		(46)	(284)	(51)	(381)	0	(24)	0	(24)
14. PROPOSED PROJECT						0	88	43	131
15. REMARKS (Specify item number)									
<p>Line 14: This project demolishes 175 uneconomical to repair family housing units and constructs 131 Junior Enlisted family housing units.</p> <p style="margin-left: 100px;">Junior Enlisted 80 3 Bedroom Units 50 4 Bedroom Units 1 5 Bedroom Unit</p>									

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE FEBRUARY 2005			
3. INSTALLATION AND LOCATION Yuma Proving Ground Arizona			4. COMMAND US Army Materiel Command (Installation Mgt Agency, Southwest Region)			5. AREA CONSTRUCTION COST INDEX 1.30				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2004	13	96	584	0	0	0	3	47	1301	2,044
B. END FY 2011	13	95	631	0	0	0	3	47	1264	2,053
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	408,288 ha		(1,008,898 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2004.....									980,793	
C. AUTHORIZATION NOT YET IN INVENTORY.....									21,000	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....									11,200	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....									0	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....									0	
G. REMAINING DEFICIENCY.....									35,000	
H. GRAND TOTAL.....									1,047,993	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		DESIGN STATUS				
CODE	NUMBER	PROJECT TITLE		(\$000)		START	COMPLETE			
711	62178	Family Housing Replacement Construction		11,200		TURNKEY				
				TOTAL		11,200				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST (\$000)						
CODE	PROJECT TITLE		(\$000)							
A. REQUESTED IN THE FY 2007 PROGRAM: NONE										
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE										
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A						
10. MISSION OR MAJOR FUNCTIONS:										
Test weapon systems of all types and sizes in a joint environment. The proving ground conducts tests on medium and long range artillery, aircraft target acquisition equipment and armament, armored and wheeled vehicles, a variety of munitions, and personnel and supply parachute systems. Testing programs are conducted for all United States military services, friendly foreign nations and private industry.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
				(\$000)						
A. AIR POLLUTION				0						

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2005
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INSTALLATION AND LOCATION: Yuma Proving Ground, Arizona

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

(\$000)

B. WATER POLLUTION

0

C. OCCUPATIONAL SAFETY AND HEALTH

0

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Yuma Proving Ground Arizona			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62178		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>						7,035
Construct 3-BR SNCO Units		FA	26 --		191,232	(4,972)
Construct 4-BR SNCO Units		FA	7 --		221,078	(1,548)
Construct 5-BR SNCO Units		FA	2 --		257,556	(515)
<u>SUPPORTING FACILITIES</u>						2,738
Electric Service		LS	--		--	(82)
Water, Sewer, Gas		LS	--		--	(175)
Paving, Walks, Curbs & Gutters		LS	--		--	(254)
Site Imp(422) Demo(1,105)		LS	--		--	(1,527)
Reroute Access Road		LS	--		--	(700)
ESTIMATED CONTRACT COST						9,773
CONTINGENCY PERCENT (5.00%)						489
SUBTOTAL						10,262
SUPV, INSP & OVERHEAD (5.70%)						585
DESIGN/BUILD - DESIGN COST						257
TOTAL REQUEST						11,104
TOTAL REQUEST (ROUNDED)						11,200
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 35 senior non-commissioned officer (SNCO) family quarters (26 three-bedroom, 7 four-bedroom, and 2 five-bedroom units) built to current standards to replace 87 existing inadequate units that will be demolished. Construction consists of variously configured single and duplex, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on sites made available by demolition of 50 of the 87 existing inadequate units to be demolished, including asbestos and lead-based paint removal/abatement, and reutilizing portions of existing infrastructure. The design includes frame construction with brick veneer, stucco or prefinished siding. Project will provide individual heating and air-conditioning controls, hard-wired interconnected smoke detectors, exterior storage and all equipment and appliances for functional living. Supporting facility improvements include new electrical and communications service connections, new water and sewer laterals, replacement of rolled curbs with curb and gutters and refinishing existing roadways, sidewalk additions, and revitalization of existing recreation amenities. In addition, a portion of Halo Street access roadway to Ironwood Housing Area will be relocated across a new bridge crossing a drainage canal to align with Schwark Road.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Yuma Proving Ground, Arizona

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 62178
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No. of Units	Total (\$000)
SNCO	3	1,500	1,860	173	1.43	\$773	26	4,972
SNCO	4	1,734	2,150	200	1.43	\$773	7	1,548
SNCO	5	2,024	2,510	233	1.43	\$773	2	515
TOTAL							35	7,035

PROJECT: Whole neighborhood revitalization by construction of 35 senior enlisted family housing replacement units to current standards, including neighborhood amenities, energy conservation, and supporting infrastructure, and demolish 87 existing inadequate units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for these soldiers and their families by providing housing that meets current standards of comfort, habitability, size, safety, energy conservation. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.

CURRENT SITUATION: The existing single story units are inadequately sized and have not had any major improvements since original construction in 1948 - 1959. Asbestos and lead paint have been identified in these quarters. Current roof systems are weathering with deterioration, and need to be replaced. Roof and wall insulation is inadequate and original single pane windows and exterior doors require replacement. The three-bedroom units lack a family room, laundry room, adequate living room size, and interior storage space. Existing carports do not provide adequate protection for vehicles from the harsh desert environment. Exterior wall finishes are deteriorated and must be replaced, lighting and appliances are worn out requiring replacement, and the electrical system has ungrounded wiring circuits. There is very little designated off-street parking, and sidewalks only exist along the main thoroughfare. There is a deficiency of tot lots and recreation facilities, and the area in general lacks a sense or appearance of a neighborhood. The main entrance road to Ironwood, Halo Street, requires realignment and widening to provide direct access.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing can not be economically revitalized to current standards. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be more cost effective than all other feasible alternatives. Sustainable principles

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Yuma Proving Ground, Arizona		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 62178	
<p><u>ADDITIONAL:</u> (CONTINUED)</p> <p>will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders.</p> <p>JOINT USE CERTIFICATION: 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> <p style="text-align: center;">Installation Engineer: George T. Fischbach Phone Number: 928-328-2177</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 2005	2. FISCAL YEAR 2006	REPORT CONTROL SYMBOL P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION						
5. DATA AS OF		a. NAME Yuma Proving Ground A04985			b. LOCATION Yuma AZ 85365			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	16	138	5	159	16	137	5	158
7. PERMANENT PARTY PERSONNEL	10	138	5	159	16	137	5	158
8. GROSS FAMILY HOUSING REQUIREMENTS	10	104	4	118	10	103	4	117
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS				0				0
11. EFFECTIVE HOUSING REQUIREMENTS	10	104	4	118	10	103	4	117
12. HOUSING ASSETS (a + b)	74	187	8	269	65	130	8	203
a. UNDER MILITARY CONTROL	74	184	8	266	65	127	8	200
(1) Housed in Existing DOD Owned/Controlled	60	105	4	169	65	127	8	200
(2) Under Contract / Approved								0
(3) Vacant	14	79	4	97				
(4) Inactive				0				
b. PRIVATE HOUSING	0	3	0	3	0	3	0	3
(1) Acceptably Housed	0	3	0	3				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(64)	(83)	(4)	(151)	(55)	(27)	(4)	(86)
14. PROPOSED PROJECT					0	35	0	35
15. REMARKS (Specify item number)								
<p>Line 14: This projects demolishes 87 uneconomical to repair family housing units and constructs 35 Senior Enlisted Family Housing Units.</p> <p style="margin-left: 40px;">Senior Enlisted 26 3 Bedroom Units 7 4 Bedroom Units 2 5 Bedroom Units</p>								

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)			5. AREA CONSTRUCTION COST INDEX 0.92	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	1319	9169	1444	866	6951	0	
B. END FY 2011	1295	8985	1544	567	7121	0	
						107	
						628	
						4111	
						24,595	
						24,358	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	37,972 ha		(93,831 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						3,193,215	
C. AUTHORIZATION NOT YET IN INVENTORY.....						87,433	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						24,000	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						47,000	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						134,540	
H. GRAND TOTAL.....						3,486,188	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START COMPLETE	
711	61690	Family Housing Replacement Construction			24,000	TURNKEY	
					TOTAL	24,000	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
711	Family Housing Improvements			47,000			
					TOTAL	47,000	
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
The United States Army Field Artillery Center and Fort Sill will train soldiers and Marines, and develop Field Artillery leaders; design and develop fire support for the force; support unit training and readiness; mobilize and deploy operating forces; and maintain installation infrastructure and services.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2005								
INSTALLATION AND LOCATION: Fort Sill, Oklahoma										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Sill Oklahoma			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 61690		8. PROJECT COST (\$000) Auth 24,000 Approp 24,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						15,487
Construct JNCO 5-BR Units		FA	12 --		152,188	(1,826)
Construct JNCO 4-BR Units		FA	10 --		128,720	(1,287)
Construct JNCO 3-BR Units		FA	107 --		107,385	(11,490)
Waffle Slab Upgrade		FA	129 --		6,853	(884)
<u>SUPPORTING FACILITIES</u>						6,037
Electric Service		LS	--		--	(828)
Water, Sewer, Gas		LS	--		--	(1,012)
Paving, Walks, Curbs & Gutters		LS	--		--	(689)
Storm Drainage		LS	--		--	(476)
Site Imp(1,608) Demo(1,424)		LS	--		--	(3,032)
ESTIMATED CONTRACT COST						21,524
CONTINGENCY PERCENT (5.00%)						<u>1,076</u>
SUBTOTAL						22,600
SUPV, INSP & OVERHEAD (5.70%)						1,288
DESIGN/BUILD - DESIGN COST						<u>565</u>
TOTAL REQUEST						24,453
TOTAL REQUEST (ROUNDED)						24,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 129 junior noncommissioned officer (JNCO) family quarters (107 three-bedroom, 10 four-bedroom, and 12 five-bedroom units) including neighborhood amenities and supporting infrastructure, all built to current standards, to replace 129 existing inadequate units in Artillery Village that will be demolished. Construction consists of variously configured multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on a new site (Satanta Gardens) East of Geronimo Acres. Project will provide individual heating and air conditioning controls, hard-wired interconnected smoke and carbon monoxide detectors, storage within the garages, a fenced patio, full landscaping, and all equipment and appliances for functional living units. Supporting facility work includes new roads and utilities as well as recreation amenities, landscaping and trees. Seven of these units will be handicapped accessible and easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION
Fort Sill, Oklahoma

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 61690
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No. of Units	Total (\$000)
JNCO	5	1,855	2,300	214	.92	773	12	\$1,826
JNCO	4	1,573	1,950	181	.92	773	10	\$1,287
JNCO	3	1,315	1,630	151	.92	773	107	\$11,490
Additional foundation cost for waffle slab on expansive soils								\$884
Total							129	\$15,487

PROJECT: Construct 129 junior noncommissioned officer family replacement units on new site including neighborhood amenities and supporting infrastructure to replace 129 existing inadequate units in Artillery Village that will be demolished. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for junior noncommissioned 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.

CURRENT SITUATION: The existing structures were constructed under the Wherry Housing Program 52 years ago. They were built with inappropriate foundations and structural systems for the expansive soil conditions encountered in this area. Consequently, repeated repair actions have had to be undertaken to remedy the situation and provide adequate housing to our soldier occupants and their families. All have failed. The units continue to experience extremely high maintenance due to the continuous movement caused by the existing soils and the improper foundation design. The units which require replacement now have had to be vacated and left unoccupied for periods of up to 18 months while necessary repair actions were performed. Kitchens and baths are inadequate and do not meet current standards. Electrical systems are deteriorated and do not meet current code requirements. These housing units have only one off-street parking space per unit with no visitor parking available. On-street parking is resulting in traffic congestion and difficulty in seeing children at play. These units have gable roofs with water lines running through the unheated attic space. Resultant wind and freeze damage have been a constant drain of funding for repair of damaged interiors, and numerous projects have been completed to divert surface water away from the units.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing with insufficient facilities, adversely affecting the health, safety and quality of life of these families. Existing housing cannot economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating and maintenance costs and continued

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Sill, Oklahoma		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 61690	
<p><u>IMPACT IF NOT PROVIDED:</u> (CONTINUED)</p> <p>deterioration of the facilities. The on-post quality of life will become substantially lower compared to families living off-post in the private sector.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows replacement construction to be the more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders.</p> <p><u>JOINT USE CERTIFICATION:</u> 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> <p style="text-align: center;">Installation Engineer: Dennis Hergenrether Phone Number: 580-442-3015</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL		
				February 2005	2006	P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION						
5. DATA AS OF		a. NAME			b. LOCATION			
		Fort Sill A40755			Fort Sill OK 73503			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	2,365	8,424	8,459	19,248	1,847	8,409	8,447	18,703
7. PERMANENT PARTY PERSONNEL	1,218	5,186	5,207	11,611	1,125	4,787	4,810	10,722
8. GROSS FAMILY HOUSING REQUIREMENTS	946	4,154	1,796	6,896	852	3,834	1,657	6,343
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	218	947	881	2,046				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	218	947	881	2,046				
10. VOLUNTARY SEPARATIONS	26	238	246	510	26	234	241	501
11. EFFECTIVE HOUSING REQUIREMENTS	920	3,916	1,550	6,386	826	3,600	1,416	5,842
12. HOUSING ASSETS (a + b)	709	3,225	915	4,849	650	3,539	1,236	5,425
a. UNDER MILITARY CONTROL	259	1,133	23	1,415	259	1,003	153	1,415
(1) Housed in Existing DOD Owned/Controlled	255	1,115	23	1,393	259	1,003	153	1,415
(2) Under Contract / Approved								0
(3) Vacant	4	18		22				
(4) Inactive				0				
b. PRIVATE HOUSING	450	2,092	892	3,434	391	2,536	1,083	4,010
(1) Acceptably Housed	450	2,092	892	3,434				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	211	691	635	1,537	176	61	180	417
14. PROPOSED PROJECT					0	43	86	129
15. REMARKS (Specify item number)								
Line 14: This project demolishes 129 uneconomical to repair family housing units and constructs 129 Junior Enlisted family housing units.								
<p style="text-align: center;">Junior Enli 107 3 Bedroom Units 10 4 Bedroom Units 12 5 Bedroom Units</p>								

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM						2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Lee Virginia			4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Northeast Region)			5. AREA CONSTRUCTION COST INDEX 0.94	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2004	608	2377	1384	537	4813	95	
B. END FY 2011	600	2377	1402	523	4897	108	
						50	
						221	
						2323	
						12,408	
						57	
						225	
						2304	
						12,493	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	2,256 ha		(5,574 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2004.....						1,229,470	
C. AUTHORIZATION NOT YET IN INVENTORY.....						98,524	
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....						33,100	
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....						28,900	
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						131,800	
H. GRAND TOTAL.....						1,521,794	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START COMPLETE	
711	61730	Family Housing Improvements			13,600	TURNKEY	
711	62263	Family Housing Replacement Construction			19,500	TURNKEY	
TOTAL					33,100		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. REQUESTED IN THE FY 2007 PROGRAM:							
711	Family Housing Replacement Construction			13,400			
711	Family Housing Improvements			15,500			
TOTAL					28,900		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Provide the Army with combat developments, training developments, and institutional training; participating in the force structuring process; determine materiel requirements and influence the development, acquisition, and fielding processes for combat service support functions.							

1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2005
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INSTALLATION AND LOCATION: Fort Lee, Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Lee Virginia			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 711	7. PROJECT NUMBER 62263		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>						12,226
Construct JNCO 3-BR Units		FA	63	--	114,108	(7,189)
Construct JNCO 4-BR Units		FA	12	--	136,779	(1,641)
Construct JNCO 5-BR Units		FA	21	--	161,717	(3,396)
<u>SUPPORTING FACILITIES</u>						4,816
Electric Service		LS	--	--	--	(693)
Water, Sewer, Gas		LS	--	--	--	(779)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(319)
Storm Drainage		LS	--	--	--	(205)
Site Imp(407) Demo(2,413)		LS	--	--	--	(2,820)
ESTIMATED CONTRACT COST						17,042
CONTINGENCY PERCENT (5.00%)						852
SUBTOTAL						17,894
SUPV, INSP & OVERHEAD (5.70%)						1,020
DESIGN/BUILD - DESIGN COST						447
TOTAL REQUEST						19,361
TOTAL REQUEST (ROUNDED)						19,500
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 96 junior noncommissioned officer (JNCO) family quarters (63 three-bedroom, 12 four-bedroom, and 21 five-bedroom) to replace 166 inadequate family housing units in the Madison Park housing area that will be demolished to provide sites for this construction. Construction consists of variously configured single family and multiplex, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses built to current standards. The design will incorporate the architectural elements and themes adopted by the Fort Lee Housing Community Plan. Project will provide attached garages, individual heating controls, hard-wired interconnected smoke detectors, exterior storage, and all equipment and appliances for functional living units. Supporting facility construction will include upgrades of associated neighborhood amenities and support infrastructure. Five of these units will be made easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION
Fort Lee, Virginia

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 62263
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No. Units	(\$000) Total
JNCO	3	1315	1630	151	0.98	\$773	63	\$7,189
JNCO	4	1573	1950	181	0.98	\$773	12	\$1,641
JNCO	5	1855	2300	214	0.98	\$773	21	\$3,396
TOTAL							96	\$12,226

PROJECT: Whole neighborhood revitalization by construction of 96 enlisted family quarters to include neighborhood amenities and supporting infrastructure, all to current standards, and demolition of 166 existing units to provide site for this construction. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for noncommissioned 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.

CURRENT SITUATION: The existing family housing in Madison Park was constructed in 1961 as two-, three-, and four-bedroom four-plex townhouse units. These units have had no significant improvement since original construction, lack family rooms, have deteriorating "built up" roofs, lack adequate parking, and have ungrounded electrical wiring systems. Some asbestos and lead-based paint is also present in these units. There is a lack of appropriate storm water control devices, roads and sidewalks are in need of resurfacing, and there is deficiency of tot lots and recreational facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing can not economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders. JOINT USE CERTIFICATION: 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.

Installation Engineer: Mr. Greg White
Phone Number: 804-734-4015

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL		
				February 2005	2006	P&L (AR) 1716		
3. DOD COMPONENT		4. REPORTING INSTALLATION						
ARMY		a. NAME			b. LOCATION			
5. DATA AS OF		Fort Lee A51315			Fort Lee VA 23801			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,070	2,845	4,173	8,088	1,059	1,753	5,353	8,165
7. PERMANENT PARTY PERSONNEL	914	2,337	417	3,668	838	2,208	394	3,440
8. GROSS FAMILY HOUSING REQUIREMENTS	816	2,006	151	2,973	746	1,901	146	2,793
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	25	129		154	25	129		154
11. EFFECTIVE HOUSING REQUIREMENTS	791	1,877	151	2,819	721	1,772	146	2,639
12. HOUSING ASSETS (a + b)	885	1,696	122	2,703	837	1,859	153	2,849
a. UNDER MILITARY CONTROL	346	900	61	1,307	281	810	153	1,244
(1) Housed in Existing DOD Owned/Controlled	327	876	47	1,250	281	810	153	1,244
(2) Under Contract / Approved								0
(3) Vacant	19	24	14	57				
(4) Inactive				0				
b. PRIVATE HOUSING	539	796	61	1,396	556	1,049	0	1,605
(1) Acceptably Housed	539	796	61	1,396				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(94)	181	29	116	(116)	(87)	(7)	(210)
14. PROPOSED PROJECT					0	64	32	96
15. REMARKS (Specify item number)								
Line 14: This project demolishes 166 uneconomical to repair family housing units and constructs 96 Junior Enlisted family housing units.								
Junior Enlisted 63 3 Bedroom Units								
12 4 Bedroom Units								
21 5 Bedroom Units								

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1. COMPONENT ARMY	FY 2006-2007 MILITARY CONSTRUCTION PROGRAM		2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Monroe Virginia		4. COMMAND US Army Training and Doctrine Command (Installation Mgt Agency, Northeast Region)	5. AREA CONSTRUCTION COST INDEX 0.94
6. PERSONNEL STRENGTH:			
	PERMANENT	STUDENTS	SUPPORTED
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL TOTAL
A. AS OF 30 SEP 2004	457 315 1833	7 6 2	163 139 752 3,674
B. END FY 2011	541 548 1864	9 9 2	155 129 752 4,009
7. INVENTORY DATA (\$000)			
A. TOTAL AREA.....	433 ha	(1,070 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2004.....			448,027
C. AUTHORIZATION NOT YET IN INVENTORY.....			28,600
D. AUTHORIZATION REQUESTED IN THE FY 2006 PROGRAM.....			6,000
E. AUTHORIZATION REQUESTED IN THE FY 2007 PROGRAM.....			0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....			0
G. REMAINING DEFICIENCY.....			41,400
H. GRAND TOTAL.....			524,027
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2006 PROGRAM:			
CATEGORY PROJECT		COST	DESIGN STATUS
CODE	NUMBER PROJECT TITLE	(\$000)	START COMPLETE
711	62137 Family Housing Replacement Construction	6,000	TURNKEY
TOTAL		6,000	
9. FUTURE PROJECT APPROPRIATIONS:			
CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. REQUESTED IN THE FY 2007 PROGRAM: NONE			
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A	
10. MISSION OR MAJOR FUNCTIONS:			
Provide quality base operations support to Department of Defense personnel and activities through facilities, infrastructure, well-being, and force protection.			
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. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Monroe Virginia			4. PROJECT TITLE Family Housing Replacement Construction			
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62137		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>						3,024
Construct SNCO 3-BR Unit		FA	1 --		138,000	(138)
Construct FGO 3-BR Units		FA	10 --		150,300	(1,503)
Construct CGO 3-BR Units		FA	10 --		138,300	(1,383)
<u>SUPPORTING FACILITIES</u>						2,400
Electric Service		LS	--		--	(740)
Water, Sewer, Gas		LS	--		--	(610)
Paving, Walks, Curbs & Gutters		LS	--		--	(350)
Storm Drainage		LS	--		--	(230)
Site Imp(470) Demo()		LS	--		--	(470)
ESTIMATED CONTRACT COST						5,424
CONTINGENCY PERCENT (5.00%)						<u>271</u>
SUBTOTAL						5,695
SUPV, INSP & OVERHEAD (5.70%)						<u>325</u>
TOTAL REQUEST						6,020
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization by construction of 21 enlisted and officer family quarters consisting of 1 senior non-commissioned officer (SNCO) three-bedroom unit, 10 company grade officer (CGO) three-bedroom units, and 10 field grade officer (FGO) three-bedroom units including recreation amenities and supporting infrastructure, all to current standards to replace existing quarters built in 1952, which are uneconomical to revitalize and are being demolished as part of a FY 2005 project. Construction, either factory built/manufactured and/or conventionally built on-site, consists of variously configured single or multi-family three-level homes that have alley loaded entry garages on the first floor, common space areas (such as living room, dining room and kitchen) on the second floor, and sleeping quarters on the third floor. The handicapped accessible single-family homes will be one story structures with side-loaded garages. The project will provide all equipment and appliances for functional living units. Supporting facility work includes reutilizing portions of existing infrastructure, constructing new underground electrical and communication distribution systems and metered service connections, new water and sewer laterals, restoring portions of existing roadways including curbs and gutters, sidewalk additions and expansion and revitalization of existing						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Fort Monroe, Virginia

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 62137
---	--------------------------------

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
recreation amenities. At least five percent of these units will be accessible and easily modifiable to accommodate the requirements of the handicapped.

Grade	No of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	\$/GSM	No of Units	Total (\$000)
SNCO	3	1500	1860	173	1.034	773	1	138
CGO	3	1500	1860	173	1.034	773	10	1,383
FGO	3	1629	2020	188	1.034	773	10	1,503
Total:							21	3,024

PROJECT: Construction of 21 enlisted and officer family quarters, to include neighborhood amenities, energy conservation, and supporting infrastructure, all to current standards, to replace 21 existing inadequate Wherry units being demolished as part of a FY05 project. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for senior non-commissioned officer, 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.

CURRENT SITUATION: These Wherry housing quarters were built in 1952 and do not meet current housing standards and have inadequate living, storage, bath, laundry and closet spaces. Asbestos and lead paint have been identified in these quarters. Interior finishes are old and are in dire need of replacement. The existing conditions require excessive recurring maintenance and negatively impact the integrity of the quarters and also the morale and quality of life for the soldiers and family members living in these poor and potentially dangerous conditions. The configuration of the units does not meet current housing standards. There are no existing carports or garages and very little designated of street parking. Sidewalks exist but are inadequate and do not meet the current standards and only exist along the main thoroughfare. In FY05, 106 existing units will be demolished to vacate a site for construction of these replacement houses.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate with maintenance, repair and energy costs continuing to escalate. Occupants will continue to live in quarters that do not meet current standards, which adversely impacts the health, safety, and quality life of these soldiers and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows replacement

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Monroe, Virginia		
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 62137	
<p>ADDITIONAL: (CONTINUED)</p> <p>construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction in accordance with Executive Order 13123 and other applicable laws and executive orders.</p> <p>JOINT USE CERTIFICATION: 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> <p style="text-align: center;">Installation Engineer: LTC Craig Simoneau Phone Number: 757-788-3807</p>		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT	2. FISCAL YEAR	REPORT CONTROL SYMBOL			
				February 2005	2006	P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Monroe A51360			b. LOCATION Fort Monroe VA 23651				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		675	327	138	1,140	705	610	76	1,391
7. PERMANENT PARTY PERSONNEL		465	318	38	821	462	339	42	843
8. GROSS FAMILY HOUSING REQUIREMENTS		415	250	19	684	413	262	21	696
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		0	73	0	73				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY			73		73				
10. VOLUNTARY SEPARATIONS		15	11		26	15	11		26
11. EFFECTIVE HOUSING REQUIREMENTS		400	239	19	658	398	251	21	670
12. HOUSING ASSETS (a + b)		386	206	15	607	383	218	16	617
a. UNDER MILITARY CONTROL		111	69	5	185	110	70	5	185
(1) Housed in Existing DOD Owned/Controlled		102	68	5	175	110	70	5	185
(2) Under Contract / Approved									0
(3) Vacant		9	1	0	10				
(4) Inactive					0				
b. PRIVATE HOUSING		275	137	10	422	273	148	11	432
(1) Acceptably Housed		275	137	10	422				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		14	33	4	51	15	33	5	53
14. PROPOSED PROJECT						20	1	0	21
15. REMARKS (Specify item number)									
<p>Line 14: This project constructs 10 Field Grade Officer units, 10 Company Grade Officer units, and 1 Senior Enlisted family housing unit to replace 21 uneconomical repair family housing units demolished as part of a FY05 construction project.</p> <p style="text-align: center;">Field Grade 10 3 Bedroom Units Company Grade 10 3 Bedroom Units Senior Enlisted 1 3 Bedroom Unit</p>									

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)

FY 2006 Budget Request	\$300,400
FY 2005 Current Estimate	\$211,990
FY 2005 Appropriation	\$211,990

PURPOSE AND SCOPE

The Post-Acquisition Construction program provides funding for improvement of existing family housing units by renovation or privatization. The housing privatization requests equity contributions to finance Public-Private Ventures (PPV). Traditional revitalization of military family housing units is requested when it is more economical to renovate rather than replace. The proposed investment in privatization post-acquisition construction will increase the useful life of the revitalized units by 35 years and concurrently reduce maintenance and repair requirements.

In FY 2006, the Army will operate and maintain an inventory of approximately 44,735 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. Three post-acquisition construction projects at U.S. locations are included in this request.

Privatization will provide revitalized facilities by leveraging the Army's equity contribution, housing property, and the soldier's housing allowance to obtain 50-year contracts for revitalization and sustainment of AFH. Five privatization projects are included in this request.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 POST-ACQUISITION CONSTRUCTION (continued)

Ten overseas, post-acquisition construction projects at enduring locations are included in this request. Although the Army relies on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through these programs.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization, privatization and improvements to 5,038 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>
Traditional Revitalization:				
Fort Huachuca, AZ	Yes	SO/GO	20	9,000
US Military Academy, NY	Yes	SNCO	36	6,700
Fort Lee, VA	No	SNCO/CGO/FGO/SO	128	13,600
Ansbach, GE	No	JNCO	60	9,000
Garmisch, GE	No	SNCO/SO	25	5,000
Stuttgart, GE	No	JNCO/SNCO/CGO	96	23,000
Stuttgart, GE	No	CGO/FGO	108	17,500
Vilseck, GE	No	JNCO/CGO	134	11,400
Wiesbaden, GE	No	JNCO/SNCO	96	13,800
Wiesbaden, GE	No	JENL/CGO/FGO/SO	95	15,500
Wiesbaden, GE	No	JNCO/SNCO	108	20,000
Wiesbaden, GE	No	SNCO/FGO	<u>80</u>	<u>13,200</u>
Subtotal			986	157,700
Privatization:				
Fort Irwin, CA	No	JNCO/SNCO	120	28,000
Fort McPherson, GA	Some	All Grades	112	11,000
Fort Campbell, KY	No	JNCO/SNCO	<u>200</u>	<u>28,000</u>
Subtotal			432	67,000

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 POST-ACQUISITION CONSTRUCTION (continued)

Projects which do not exceed the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are listed below:

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
Traditional Revitalization:				
Stuttgart, GE	No	JENL/JNCO/SNCO	<u>126</u>	<u>4,700</u>
Subtotal			126	4,700
Privatization:				
Fort Riley, KS	Some	All Grades	3,042	67,000
White Sands, NM	No	All Grades	<u>452</u>	<u>4,000</u>
Subtotal			3,494	71,000
Total Post-Acquisition			5,038	300,400

Type Legend:

GO - General Officer SNCO - Senior Noncommissioned Officer
 SO - Senior Officer JNCO - Junior Noncommissioned Officer
 FGO - Field Grade Officer JENL - Junior Enlisted
 CGO - Company Grade Officer

FUNDING SUMMARY

Construction Improvements Program (\$000)	Requested Authorization Amount (\$000)
\$300,400	\$300,400

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
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 317,936 Approp 317,936	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
Post Acquisition Construction Improvements		LS			179,936	
Privatization using Alternative Authorities for Improvement		LS			138,000	
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)		LS			0	
Total					317,936	
10. Description of Proposed Construction						
<p>These projects provide for both privatization and needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to provide adequate space, where required, comparable to the private sector, installation of central air conditioning and heating systems including, as required, relocation of ductwork, increased insulation, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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 thirty-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. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission. Without privatization, the OSD goal of bringing all family quarters up to current standards by 2007 will not be met.</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005																																																																				
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4. PROJECT TITLE Army Family Housing Post Acquisition Construction	5. PROJECT NUMBER																																																																					
<p>DESCRIPTION OF WORK TO BE ACCOMPLISHED</p> <p>Country/State Installation and Project</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%; text-align: center;">Post Acquisition Construction -----</th> <th style="width: 10%; text-align: center;">ECIP -----</th> <th style="width: 15%; text-align: center;">CWE (\$000) Total -----</th> </tr> </thead> <tbody> <tr> <td colspan="4">Arizona</td> </tr> <tr> <td>Fort Huachuca (Project Number 58984)</td> <td style="text-align: center;">9,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Whole house revitalization of officer grade historic family housing units to current standards including energy conservation - 20 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">9,000</td> </tr> <tr> <td colspan="4">California</td> </tr> <tr> <td>Fort Irwin (Project Number 62216)</td> <td style="text-align: center;">28,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Privatized construction of family housing using alternative authorities for improvement and acquisition of military housing - 120 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">28,000</td> </tr> <tr> <td colspan="4">Georgia</td> </tr> <tr> <td>Fort McPherson (Project Number 62217)</td> <td style="text-align: center;">11,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 112 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">11,000</td> </tr> <tr> <td colspan="4">Kansas</td> </tr> <tr> <td>Fort Riley (Project Number 62218)</td> <td style="text-align: center;">67,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 3,042 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">67,000</td> </tr> </tbody> </table>				Post Acquisition Construction -----	ECIP -----	CWE (\$000) Total -----	Arizona				Fort Huachuca (Project Number 58984)	9,000			Whole house revitalization of officer grade historic family housing units to current standards including energy conservation - 20 units. (Separate DD Form 1391 is attached).				Installation Total			9,000	California				Fort Irwin (Project Number 62216)	28,000			Privatized construction of family housing using alternative authorities for improvement and acquisition of military housing - 120 units. (Separate DD Form 1391 is attached).				Installation Total			28,000	Georgia				Fort McPherson (Project Number 62217)	11,000			Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 112 units. (Separate DD Form 1391 is attached).				Installation Total			11,000	Kansas				Fort Riley (Project Number 62218)	67,000			Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 3,042 units. (Separate DD Form 1391 is attached).				Installation Total			67,000
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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas					
4. PROJECT TITLE Army Family Housing Post Acquisition Construction				5. PROJECT NUMBER	
DESCRIPTION OF WORK TO BE ACCOMPLISHED					
Country/State Installation and Project					
		Post Acquisition Construction -----	ECIP -----	CWE (\$000) Total -----	
Kentucky					
	Fort Campbell (Project Number 62219)	28,000			
Privatized construction of family housing using alternative authorities for improvement and acquisition of military housing - 200 units. (Separate DD Form 1391 is attached).					
Installation Total					28,000
New Mexico					
	White Sands Missile Range (Project Number 62224)	4,000			
Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 452 units. (Separate DD Form 1391 is attached).					
Installation Total					4,000
New York					
	United States Military Academy (Project Number 47415)	6,700			
Whole neighborhood revitalization of senior noncommissioned officer historic family housing to current standards including energy conservation and supporting infrastructure - 36 units. (Separate DD Form 1391 is attached).					
Installation Total					6,700
Virginia					
	Fort Lee (Project Number 61730)	13,600			
Whole neighborhood revitalization of officer and senior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 128 units. (Separate DD Form 1391 is attached).					
Installation Total					13,600

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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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 -----
USA TOTALS	167,300		167,300

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005																																																
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1.COMONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE FEBRUARY 2005
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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 -----
Worldwide Various Planning and Design (Project Number 62209)	17,536		
Installation Total			17,536
OVERSEAS TOTALS	317,936		17,536
Total USA and Overseas	317,936		317,936

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Huachuca Arizona			4. PROJECT TITLE Family Housing Improvements			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 58984		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>						8,121
Revitalize GO 4-BR Single Unit		FA	1 --		500,000	(500)
Revitalize SO 3-BR Single Units		FA	3 --		480,000	(1,440)
Revitalize SO 4-BR Single Units		FA	6 --		500,000	(3,000)
Revitalize SO 4-BR Duplex Units		FA	10 --		318,056	(3,181)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						8,121
CONTINGENCY PERCENT (5.00%)						406
SUBTOTAL						8,527
SUPV, INSP & OVERHEAD (5.70%)						486
TOTAL REQUEST						9,013
TOTAL REQUEST (ROUNDED)						9,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Whole house revitalization of 20 family housing units consisting of 10 historic single-family dwelling units and 10 historic duplex units. One single-family unit is a general officer four-bedroom. Six of the single-family dwelling units are four bedroom and the remaining three are three-bedroom senior officer quarters. The 10 duplex units are all three-bedroom senior officer units. These units were constructed in 1880, and 1914 in the Calvary Park neighborhood. Cavalry Park is within the boundaries of the National Historic Landmark District at Fort Huachuca. Major work associated with the single-family dwelling units includes repair or replacement of deteriorated adobe, replacement of stucco, exterior paint, repair or replacement of windows and porches, replacement of roof shingles and decking, inspect and repair chimney stacks, removal of lead-based paint and asbestos, and replacement of existing interior electrical system. The duplexes require the same work as single family units excluding the adobe repairs. <u>PROJECT:</u> Whole house revitalization of 20 general and senior grade officer historic family quarters to current standards. (Current Mission) <u>REQUIREMENT:</u> This project is required to improve existing conditions of these family quarters to provide adequate standards of comfort, habitability, energy efficiency and safety, and to extend the life expectancy of the units.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Fort Huachuca, Arizona

4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 58984
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CURRENT SITUATION: The existing units in Cavalry Park were constructed in 1880, and have had no substantial work done to exteriors since then. The interior electric consists of old reomex (cloth-covered, 2 wire, with no ground). Inspections have shown wear on the cloth-covered protection causing arcing and posing potential fire and safety hazard. Adobe walls on the single-family houses have deteriorated to dirt caused by water infiltration and are subject to complete structural failure. Roofs have been repaired throughout the years and indications are that the decking and trusses are failing. Windows are old single-pane weathered, with lead paint, not energy efficient and some have fallen out of the casements. Chimney stacks have brick linings that are deteriorated and stucco on outsides are cracked and in need of replacement. Many of the existing porches have shifted due to changes in the foundations and must be repaired or replaced for safety.

IMPACT IF NOT PROVIDED: If this project is not provided, service members and their families will continue to reside in inadequate housing. The quarters will continue to deteriorate becoming more costly to repair in the future. The health, safety and quality of life of the occupants will be diminished, potentially impacting morale, mission and retention of qualified personnel.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows renovation to be more cost effective than all other feasible alternatives.

JOINT USE CERTIFICATION: 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.

Installation Engineer: John A. Ruble
Phone Number: 520-533-3241

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Irwin California				4. PROJECT TITLE Family Housing Privatization		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62216	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> Family Housing Privatization		FA	120 --	233,333	28,000 (28,000)	
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST					28,000	
CONTINGENCY PERCENT (.00 %)					0	
SUBTOTAL					28,000	
SUPV, INSP & OVERHEAD (.00 %)					0	
TOTAL REQUEST					28,000	
TOTAL REQUEST (ROUNDED)					28,000	
INSTALLED EQT-OTHER APPROP					(0)	
<p>10. Description of Proposed Construction 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 526 homes will be built under the development plan. The requested funds are required to address the continuing family housing deficit at Fort Irwin. 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 120 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 120 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 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Irwin, California		
4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 62216	
<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 will provide new family quarters to standards comparable to housing of similar size and quality in the local economy.</p> <p><u>JOINT USE CERTIFICATION:</u> 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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort McPherson Georgia			4. PROJECT TITLE Family Housing Privatization			
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 62217		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>						
Family Housing Privatization		FA	112 --		98,214	11,000 (11,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						11,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						11,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						11,000
TOTAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						(0)
<p>10. Description of Proposed Construction During FY 2006, the Army will privatize family housing at Fort McPherson, Georgia. 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. (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 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort McPherson, Georgia		
4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 62217	
<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 23 of Fort McPherson's inventory of 112 units are inadequate. There is a projected deficit of 140 family housing units at Fort McPherson. The Army's Installation Status Report (ISR) indicates that approximately 71% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of inadequate family housing by 2007, adversely affecting 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 an improvement project for 50 enlisted and officer family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u> 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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Family Housing Privatization			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62218		8. PROJECT COST (\$000) Auth 67,000 Approp 67,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	3,042 --		22,000	66,924 (66,924)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						66,924
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						66,924
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						66,924
TOTAL REQUEST (ROUNDED)						67,000
INSTALLED EQT-OTHER APPROP						(0)
<p>10. Description of Proposed Construction During FY 2006, the Army will privatize family housing at Fort Riley, Kansas. 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. (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 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 62218	
<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 224 of Fort Riley's inventory of 3,042 units are inadequate. There is a projected deficit of 32 family housing units at Fort Riley. The Army's Installation Status Report (ISR) indicates that approximately 71% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of inadequate family housing by 2007, adversely affecting 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 an improvement project for 300 enlisted and officer family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u> 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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Family Housing Privatization			
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 62219		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> Family Housing Privatization		FA	200 --		140,000	28,000 (28,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						28,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						28,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						28,000
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction In December 2003, The Army privatized family housing operations at Fort Campbell, KY. The Army transferred 4,230 homes which will be renovated and/or replaced during the initial development period, and 25 new units will be constructed. The requested funds are required to address the continuing family housing deficit. In accordance with 10 USC, Section 2883, these funds will be transferred to the Family Housing Improvement Fund (FHIF) for use at Fort Campbell. <u>PROJECT:</u> Construction of 200 family housing units using the alternative authorities for improvement and acquisition of military housing in 10 USC, Section 2872 et al. (Current Mission) <u>REQUIREMENT:</u> This funding is required to provide for the Army's financial contribution to support the construction of 200 new homes to reduce the family housing deficit at Fort Campbell. Construction will conform to current local standards of adequate size, habitability, safety, and energy conservation. <u>CURRENT SITUATION:</u> In December 2003, the Army and Actus Lend Lease established a limited liability corporation for the purpose of managing family housing at Fort Campbell. 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,						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky		
4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 62219	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>construct, own, operate, maintain and manage a rental housing development at Fort Campbell, 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 Campbell.</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 will provide new quarters to standards comparable to housing of similar size and quality available in the local economy.</p> <p><u>JOINT USE CERTIFICATION:</u> 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 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION White Sands Missile Range New Mexico			4. PROJECT TITLE Family Housing Privatization			
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 62224		8. PROJECT COST (\$000) Auth 4,000 Approp 4,000		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	452 --		8,850	4,000 (4,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						4,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						4,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						4,000
TOTAL REQUEST (ROUNDED)						4,000
INSTALLED EQT-OTHER APPROP						(0)
<p>10. Description of Proposed Construction During FY 2006, the Army will privatize family housing at White Sands Missile Range, New Mexico. 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. (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 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4. PROJECT TITLE Family Housing Privatization	5. PROJECT NUMBER 62224
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CURRENT SITUATION: 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 415 of White Sands' inventory of 452 units are inadequate. There is a projected surplus of 137 family housing units at White Sands. The Army's Installation Status Report (ISR) indicates that approximately 71% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.

IMPACT IF NOT PROVIDED: If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of programming for the elimination of all inadequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.

ADDITIONAL: 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 an improvement project for 15 enlisted family quarters at the programmed amount of this project.

JOINT USE CERTIFICATION: 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.

Installation Engineer: Mrs. Gloria Rider
Phone Number: 505-678-1131

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION United States Military Academy New York				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 47415		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>						
Family Housing, 36 Senior NCO		FA	36 --		162,000	5,832 (5,832)
<u>SUPPORTING FACILITIES</u>						
Water, Sewer, Gas		LS	--		--	223 (108)
Paving, Walks, Curbs & Gutters		LS	--		--	(72)
Site Imp(43) Demo()		LS	--		--	(43)
ESTIMATED CONTRACT COST						6,055
CONTINGENCY PERCENT (5.00%)						<u>303</u>
SUBTOTAL						6,358
SUPV, INSP & OVERHEAD (5.70%)						<u>362</u>
TOTAL REQUEST						6,720
TOTAL REQUEST (ROUNDED)						6,700
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Whole neighborhood revitalization by renovation of 36 senior noncommissioned officer historic three-bedroom, duplex family quarters. Work includes installation of central air conditioning and upgrade of heating system, abatement of lead based paint and asbestos, repair plaster walls/ceilings, paint entire quarters, install passive radon system piping and if levels exceed EPA and Army Radon level standards, install active system, repair/replace/upgrade plumbing, fire protection and entire electrical system including energy efficient lighting to meet current codes and safety standards, and renovate bathrooms to include fixtures, walls and flooring. All previously finished wood surfaces to be repaired/refinished including floors, steps, molding and doors; replace existing windows with energy efficient, tilt-in window/screen units. Install telephone and cable TV outlets in all rooms. Renovate kitchens to include new wood cabinets, solid surface countertops, stainless steel sinks and faucets; install garbage disposal, dishwasher, refrigerator water line, oven exhaust fan; and replace vinyl flooring/sub-flooring. In the garages, upgrade electrical system; replace existing windows; all doors to be repaired/replaced/made operational. Paint exterior, repair/replace all existing gutters, leaders and downspouts, replace brick and repoint mortar joints, repair/replace porches and foundation as						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION United States Military Academy, New York		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 47415	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>required. Supporting facility work includes repair/replace gas line as required. Repair/replace sanitary sewer and water laterals to mains, landscape, add trash enclosures, repair/replace sidewalks and pave driveways.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 36 senior enlisted, historic family quarters to current standards including supporting infrastructure. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing historic family housing living conditions for these senior enlisted soldiers and their families to current standards of comfort, size, habitability, safety and energy conservation and to extend the life expectancy of these houses.</p> <p><u>CURRENT SITUATION:</u> These units are located within the historic district of West Point. They are three-bedroom, duplex brick units, built between 1931 to 1935, with 1382 net square feet in each dwelling unit, located on Merrit Road, Biddle Loop and Washington Road. All work to be SHPO approved. All contain lead-based paint and asbestos. Radon is prevalent throughout the area. Other than periodic maintenance (including roof repairs in 1997), these units have not undergone a complete whole house revitalization and are deteriorating. Units have historically had problems with water infiltration in basements through garage doors and foundation leaks. Many sanitary and gas laterals have required repairs due to age of the lines and tree roots.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these military families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the morale, health, safety and quality of life of these soldiers and their families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security or antiterrorism/force protection measures are required. The life cycle cost analysis shows renovation to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13123, and all other applicable laws.</p> <p><u>JOINT USE CERTIFICATION:</u> 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> <p style="text-align: center;">Installation Engineer: COL Thomas Julich Phone Number: 845-938-3415</p>		

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Fort Lee Virginia			4. PROJECT TITLE Family Housing Improvements			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 61730		8. PROJECT COST (\$000) Auth 13,600 Approp 13,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,329
Revitalize FGO 4-BR Units		FA	1	--	87,245	(87)
Revitalize FGO 3-BR Units		FA	82	--	87,340	(7,162)
Revitalize CGO 4-BR Units		FA	11	--	91,199	(1,003)
Revitalize SNCO 5-BR Units		FA	15	--	94,133	(1,412)
Revitalize SNCO 4-BR Units		FA	8	--	89,699	(718)
Revitalize SNCO 3-BR Units		FA	11	--	86,092	(947)
<u>SUPPORTING FACILITIES</u>						888
Paving, Walks, Curbs & Gutters		LS	--		--	(384)
Site Imp(504) Demo()		LS	--		--	(504)
ESTIMATED CONTRACT COST						12,217
CONTINGENCY PERCENT (5.00%)						<u>611</u>
SUBTOTAL						12,828
SUPV, INSP & OVERHEAD (5.70%)						<u>731</u>
TOTAL REQUEST						13,559
TOTAL REQUEST (ROUNDED)						13,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 128 officer and enlisted family quarters consisting of 11 company grade officer (CGO) four-bedroom units, 83 field grade officer (FGO) units (82 three-bedroom and 1 four-bedroom) 34 senior noncommissioned officer (SNCO) units (11 three-bedroom, 8 four-bedroom, and 15 five-bedroom), constructed between 1957 and 1961 in the Monroe Manor (94 units) and Jefferson Terrace (34 units) neighborhoods. Work includes: providing new dimensional shingle roofs over deteriorated built-up roofs; expansion and/or rearrangement of interior partitions to provide additional bedrooms, bathrooms, and interior storage where required, separate family rooms, enclosed laundry rooms, and eat-in kitchens; upgrade existing bathrooms; replace deteriorating plaster with gypsum wall board on interior of exterior walls and ceilings; and replace single pane windows and uninsulated doors. Replace HVAC fiberboard plenums and upgrade laterals to match room rearrangement; upgrade electrical wiring with GFI plugs and interconnected, hard-wired smoke detectors in each bedroom along with hard-wired, interconnected carbon monoxide detector for each unit; and extend telephone and cable TV systems to bedrooms. Asbestos and lead-based paint remain in the units and will require abatement. Replace carports with garages complete with exterior storage space. Provide privacy fencing along						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Fort Lee, Virginia		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 61730	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>with additional landscaping and upgrade patios where required. Supporting facility work includes: resurfacing roadways and repairing and adding walkways, and upgrading neighborhood recreation amenities. At least 5 percent of these units will be made easily modifiable to accommodate the requirements of the handicapped.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 128 officer and enlisted family quarters to current standards including energy conservation, neighborhood amenities and supporting infrastructure. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing living conditions by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety.</p> <p><u>CURRENT SITUATION:</u> The existing family housing in Monroe Manor and Jefferson Terrace were constructed between 1957 and 1961 and have had no significant improvement since originally constructed. Revitalization of the units is more economical than replacement. Many of the units need to be reconfigured to provide family rooms, eat-in kitchens, and enclosed laundry rooms. The units have deteriorating "built-up" roofs. Some asbestos and lead-based paint is also present in these units. There is a lack of appropriate storm water control devices, roads and sidewalks are in need of resurfacing, and there is a deficiency of required recreational facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing increased maintenance and energy costs. Military families will continue to live in inadequate housing which adversely affects the health, safety and quality of life of these service members and their families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shown renovation to be more cost effective than all other feasible alternatives.</p> <p>JOINT USE CERTIFICATION: The Acting 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> <p style="text-align: center;">Installation Engineer: Mr. Greg White Phone Number: 804-734-4015</p>		

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Bleidorn Fam Hsg Germany (Ansbach)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 59124		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>						8,088
Revitalize JNCO 3BR Apartments		FA	30 --		113,201	(3,396)
Revitalize JNCO 5BR Apartments		FA	30 --		154,288	(4,629)
Building Information Systems		LS	--		--	(63)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						8,088
CONTINGENCY PERCENT (5.00%)						<u>404</u>
SUBTOTAL						8,492
SUPV, INSP & OVERHEAD (6.50%)						<u>552</u>
TOTAL REQUEST						9,044
TOTAL REQUEST (ROUNDED)						9,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole house revitalization of 60 junior non-commissioned officer (JNCO) family quarters consisting of 30 each three- and five-bedroom apartments in 5 multi-story stairwell type apartment buildings constructed in 1955 and last renovated in 1986 at Bleidorn Housing Area, Ansbach, Germany. This project reconfigures 90 undersized two-, three-, four-bedroom units into 60 adequately sized three- and five-bedroom units to current standards. Work includes but is not limited: reconfiguring unit floor plans within building footprints to increase unit size, adding second baths and private laundry within all units; repairing or replacing failed and failing kitchens, existing baths, flooring, heating system, interior plumbing systems, closets, doors, interior walls and plaster and windows; roof and exterior facade repair as well as insulation; removing asbestos, petroleum aromatic hydrocarbons, artificial mineral fiber, and lead-based paint hazards; upgrading electrical, TV, telephone, security and fire protection systems; renovating common stairwell areas, mailboxes and doing minor repairs in basement areas and storage rooms. <u>PROJECT:</u> Whole house revitalization of 60 junior non-commissioned officer family quarters in five multi-story stairwell type apartment buildings to current standards. (Current Mission)						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Bleidorn Fam Hsg, Germany (Ansbach)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 59124	
<p><u>REQUIREMENT:</u> This project is required to improve existing family housing conditions to conform to adequate standards of comfort, habitability and safety.</p> <p><u>CURRENT SITUATION:</u> These five multi-story apartment buildings contain 18 apartments each, total of 90 units, and consist of 30 two-bedroom units at 89 GSM (870 NSF), 81% of JNCO standard 110 GSM (1,080 NSF); 30 three-bedroom units at 109 GSM (1,070 NSF), 82% of JNCO standard 134 GSM (1,310 NSF); and 30 four-bedroom units at 128 GSM (1,250 NSF), 80% of JNCO standard 159 GSM (1,560 NSF). These various units have only one bathroom and all share basement laundry facilities. Addition of bath and laundry towers would increase these three- and four-bedroom units to only about 85% of their size standards, well short of the 95% minimum adequate size limit and is therefore not an option. These 50 year old stairwell buildings had major renovation work done in the mid '80's to include: energy upgrades involving exterior insulation and plaster and window replacements; replacement of failing kitchens and baths; and restoration of deteriorating heating, plumbing and electrical systems. Although buildings are now structurally sound, entrances and stairwells are antiquated and unsightly; storage rooms in the basement need repairs; heating systems are deteriorated and inadequate; plumbing systems are deteriorated; electrical systems are deteriorated and undersized; and renovated kitchens and baths are again failing. As currently configured, these buildings do not provide adequate protection from terrorism.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers and their families will continue to reside in inadequate housing with insufficient bathroom, laundry and storage facilities, adversely affecting the health, safety and quality of life of these families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no anti-terrorism/force protection or physical security measures are required. CG, USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for the installation affected by this project. There are no other viable alternatives to meet this requirement.</p> <p><u>JOINT USE CERTIFICATION:</u> 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> <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 style="text-align: center;">Installation Engineer: MAJ Jeffrey King Phone Number: DSN 467-2126</p>		

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Garmisch Family Housing Germany (Garmisch)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62005		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>						4,336
Revitalize SO duplex		FA	11 --		195,828	(2,154)
Revitalize SO duplex		FA	1 --		204,123	(204)
Revitalize SO single-family		FA	1 --		160,285	(160)
Reconfigure SNCO 3-BR Apartment		FA	6 --		135,778	(815)
Reconfigure SNCO 4-BR Apartment		FA	6 --		164,410	(986)
Building Information Systems		LS	--		--	(17)
<u>SUPPORTING FACILITIES</u>						154
Electric Service		LS	--		--	(8)
Water, Sewer, Gas		LS	--		--	(23)
Paving, Walks, Curbs & Gutters		LS	--		--	(110)
Site Imp(13) Demo()		LS	--		--	(13)
ESTIMATED CONTRACT COST						4,490
CONTINGENCY PERCENT (5.00%)						225
SUBTOTAL						4,715
SUPV, INSP & OVERHEAD (6.50%)						306
TOTAL REQUEST						5,021
TOTAL REQUEST (ROUNDED)						5,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 25 officer and enlisted family quarters consisting of 13 senior officer (SO) four-bedroom units in 6 duplex buildings and 1 single-family dwelling constructed in 1955 to 1957, and 12 senior noncommissioned officer (SNCO) apartments (6 three-bedroom and 6 four-bedroom) in 1 multi-story stairwell apartment building constructed in 1955, including upgrade of associated support facilities, all to current standards. This project adds 245 NSF to each of 11 duplexes and 325 NSF to 1 duplex unit, enlarging ill-proportioned bedrooms over new enclosed single car garages replacing the carports below and reconfigures 18 undersized apartments in 1 stairwell building to provide 12 adequately sized SNCO apartments. Work in all units includes: reconfigure of floor plans to increase living space; repair or replacement of failed or failing kitchens, baths, flooring, heating systems, plumbing systems, closets, doors, interior walls and plaster and windows; roof and exterior facade repair or replacement; upgrade of electrical, TV, telephone, security, and fire protection systems. Asbestos and lead paint will be removed where encountered. Replace duplex carports with garages and repair of single-family dwelling garage. Supporting facilities include utilities, walkways, paving, and site improvements including landscaping in accordance with the local Army Family						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Garmisch Family Housing, Germany (Garmisch)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 62005	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>Housing Community Plan.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 25 officer and enlisted family quarters including upgrade of neighborhood amenities, energy conservation, and infrastructure, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve family housing conditions to conform to current standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> The apartment building has had only minor renovations since construction in the 1955. The building consists of 18 apartments, 6 two-bedrooms at 801 NSF, 6 three-bedroom at 1223 NSF, and 6 four-bedroom at 1280 NSF, all about 80% of current standards. The 6 duplexes have 2 four-bedroom units, each at 1,442 NSF, which are 74% of SO standard. The four-bedroom single-family house is at 1,692 NSF, 87% of SO standard. The housing units have had only minor renovations since construction in the mid 1950s. The buildings do not meet fire safety standards. Bathrooms were renovated in 1984 and require extensive restoration. Water has high mineral content causing buildup in lines restricting water flow. Heating lines are calcified and need to be replaced. Electrical system does not meet the present electrical code. Dwellings have limited 120V voltage required for US appliances. Interior and underground utility systems are original, requiring repair by replacement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate, precluding attainment of the President's directive on energy reduction. Service members will continue to reside in quarters that do not meet current standards that will adversely affect the health, safety and quality of life of these officer and senior enlisted personnel and their families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force protection measures are required. CG, USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for the installation affected by this project. Alternative methods of meeting this requirement have been explored during project development. This project is only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>JOINT USE CERTIFICATION: 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> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Garmisch Family Housing, Germany (Garmisch)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 62005	
<p><u>NATO SECURITY INVESTMENT: (CONTINUED)</u> infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p style="text-align: center;">Installation Engineer: Russell E. Stokes Phone Number: DSN 442-2685</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Moehringen Family Housing Germany (Stuttgart)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 59127		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>						20,012
Revitalize 5-Bedroom Apartments		FA	88 --		216,363	(19,040)
Revitalize 3-Bedroom Apartments		FA	4 --		120,383	(482)
Revitalize 2-Bedroom Apartments		FA	4 --		101,870	(407)
Building Information Systems		LS	--		--	(83)
<u>SUPPORTING FACILITIES</u>						928
Electric Service		LS	--		--	(96)
Water, Sewer, Gas		LS	--		--	(287)
Paving, Walks, Curbs & Gutters		LS	--		--	(449)
Site Imp(96) Demo()		LS	--		--	(96)
ESTIMATED CONTRACT COST						20,940
CONTINGENCY PERCENT (5.00%)						<u>1,047</u>
SUBTOTAL						21,987
SUPV, INSP & OVERHEAD (6.50%)						<u>1,429</u>
TOTAL REQUEST						23,416
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 96 officer and enlisted family quarters consisting of 36 company grade officer (CGO) five-bedroom apartments, 36 senior noncommissioned officer (SNCO) five-bedroom apartments, and 24 junior noncommissioned officer (JNCO) apartments (4 two-bedroom, 4 three-bedroom, and 16 five-bedroom), in eight multi-story stairwell apartment buildings constructed in 1953, along with upgrade of neighborhood amenities and supporting infrastructure associated with this portion of Moehringen Family Housing Area, all to current standards. This project reconfigures 184 undersized units, that have had no major renovation since initial construction, into 96 adequately sized two-, three-, and five-bedroom units. Work includes reconfiguration to increase both living space and numbers of bedrooms; adding required bathrooms and private laundry; repair or replace failing closets and kitchens, flooring, heating system, plumbing system, electrical systems, doors, and windows/frames; upgrade TV, telephone, and fire protection systems including sprinkler system. Remove asbestos, petroleum aromatic hydrocarbon, artificial mineral fiber, and lead-based paint hazards. Renovate common stairwell areas and perform required repairs in the basement areas and storage rooms. Supporting facility work is included in this project for these 96 apartments in the 8 contiguous						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Moehringen Family Housing, Germany (Stuttgart)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 59127	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>buildings. This work involves repairing as necessary failing gutters, downspouts, roof tiles, exterior insulation, plaster, and paint; installation of exterior mailboxes; landscaping, walkway, roadway and utility distribution systems repair; parking upgrade to two spaces per apartment; addition of exterior storage and trash enclosures; and upgrade of neighborhood landscaping, playgrounds, signage and community facilities.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 96 enlisted and officer multi-story stairwell type family apartments including upgrade of neighborhood amenities and supporting infrastructure, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of family quarters to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These eight multi-story buildings (3400, 3401, 3402, 3403, 3404, 3406, 3407, and 3408) were constructed in 1953 with 184 total apartments consisting of 120 two-bedroom units at 114 GSM (1,115 NSF), 93% of CGO and SNCO size standard of 123 GSM (1,200 NSF), and 64 three-bedroom units at 135 GSM (1,318 NSF), 88% of CGO and SNCO size standard of 153 GSM (1,500 NSF). Housing more than 12 families in a single building requires extensive structural upgrade and exterior hardening of these existing buildings to protect against the increased terrorist threat. There also is a surplus of two-bedroom units at Stuttgart, while there is a deficit of larger units. Resolution of these deficiencies warrants combining the undersized and surplus units during this revitalization to reduce to 12 units per building providing 96 adequately sized apartments, consisting of 8 three-bedroom and 88 five-bedroom units. The buildings are nearly 50 years old with only piecemeal repair work done since construction, including heating system repairs, broken bath fixture replacement and exterior painting. Windows were also upgraded with energy efficient (but non-ATFP complying) replacements in the mid to late 1980's. Although buildings are structurally sound, entrances and stairwells are deteriorated and unsightly. The buildings contain asbestos and lead-based paint hazards. Shared laundry facilities and family storage rooms are located in dismal basements. The three-bedroom apartments only have one bathroom. Heating systems are inadequate as is the electrical system that is deteriorated and undersized. The buildings do not meet current fire and safety system requirements as regulated by US National Fire Code. The housing area does not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are failing and in need of major repair and replacement. Storm water runoff stands in street and around houses due to inadequate drainage. Neighborhood recreational facilities are inadequate and need renovation and landscaping. This project includes all work required to bring these units up to current standards.</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Moehringen Family Housing, Germany (Stuttgart)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 59127	
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members and families will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of service personnel and families.</p> <p><u>ADDITIONAL:</u> CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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.</p> <p style="text-align: center;">Installation Engineer: LTC Carl Pritchard Phone Number: DSN 421-6105</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Robinson Grenadier Family Hsg Germany (Stuttgart)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 60538		8. PROJECT COST (\$000) Auth 17,500 Approp 17,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,522
Reconfigure CGO 2-BR Units		FA	27 --		103,803	(2,803)
Reconfigure FGO 3-BR Units		FA	81 --		143,323	(11,609)
Building Information Systems		LS	--		--	(110)
<u>SUPPORTING FACILITIES</u>						1,190
Electric Service		LS	--		--	(119)
Water, Sewer, Gas		LS	--		--	(357)
Paving, Walks, Curbs & Gutters		LS	--		--	(595)
Site Imp(119) Demo()		LS	--		--	(119)
ESTIMATED CONTRACT COST						15,712
CONTINGENCY PERCENT (5.00%)						786
SUBTOTAL						16,498
SUPV, INSP & OVERHEAD (6.50%)						1,072
TOTAL REQUEST						17,570
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides whole neighborhood revitalization of 108 company and field grade officer family quarters, consisting of 27 company grade officer (CGO) two-bedroom apartments and 81 field grade officer (FGO) three-bedroom apartments, in nine multi-story stairwell apartment buildings constructed in 1954, along with upgrade of neighborhood amenities and supporting infrastructure associated with this portion of Robinson-Grenadier Family Housing Area, all to current standards. This project reconfigures 162 undersized two-, three- and four-bedroom units, that have had no major renovation since initial construction, into 108 adequately sized two- and three-bedroom units. Work includes reconfiguration to increase living space; adding required bathrooms and private laundry; repair or replace failing closets and kitchens, flooring, heating system, plumbing system, electrical systems, doors, and windows/frames; upgrade TV, telephone, and fire protection systems including sprinkler system. Remove asbestos, petroleum aromatic hydrocarbon, artificial mineral fiber, and lead-based paint hazards. Renovate common stairwell areas and perform required repairs in the basement areas and storage rooms. Supporting facility work is included in this project for these 108 apartments in the 9 contiguous buildings. This work involves repairing as necessary failing gutters, downspouts, roof tiles, exterior insulation,						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Robinson Grenadier Family Hsg, Germany (Stuttgart)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 60538	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>plaster, and paint; installation of exterior mailboxes; landscaping, walkway, roadway and utility distribution systems repair; parking upgrade to two spaces per apartment; addition of exterior storage and trash enclosures; and upgrade of neighborhood landscaping, playgrounds, signage and community facilities.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 108 company and field grade officer family quarters including neighborhood amenities and supporting infrastructure, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of family quarters to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These nine multi-story buildings (172, 173, 174, 175, 176, 177, 178, 179 and 180) were constructed in 1954 with total of 162 junior noncommissioned officer (JNCO) apartments consisting of: 54 two-bedroom units at 89 GSM (869 NSF), 80% of current JNCO size standard of 110 GSM (1,200 NSF); 54 three-bedroom units at 104 GSM (1,017 NSF), 78% of current JNCO size standard of 134 GSM (1,310 NSF), and 54 four-bedroom units at 118 GSM (1,153 NSF), 74% of current JNCO size standard of 159 GSM (1,560 NSF). Housing more than 12 families in a single building requires extensive structural upgrade and exterior hardening of these existing buildings to protect against the increased terrorist threat. There also is a surplus of two-bedroom units at Stuttgart, while there is a deficit of larger units. Resolution of these deficiencies warrants combining the undersized and surplus units during this revitalization to reduce to 12 units per building providing 108 adequately sized officer apartments consisting of: 27 two-bedroom units for CGO families and 81 three-bedroom units for FGO families. The buildings are nearly 50 years old with only piecemeal repair work done since construction, including heating system repairs, broken bath fixture replacement and exterior painting. Windows were also upgraded with energy efficient (but non-ATFP complying) replacements in the mid to late 1980's. Although buildings are structurally sound, entrances and stairwells are deteriorated and unsightly. The buildings contain asbestos and lead-based paint hazards. Shared laundry facilities and family storage rooms are located in dismal basements. The three-bedroom apartments only have one bathroom. Heating systems are inadequate as is the electrical system that is deteriorated and undersized. The buildings do not meet current fire and safety system requirements as regulated by US National Fire Code. The housing area does not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are failing and in need of major repair and replacement. Storm water runoff stands in street and around houses due to inadequate drainage. Neighborhood recreational facilities are inadequate and need renovation and landscaping. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will</p>		

1.COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE FEBRUARY 2005
3.INSTALLATION AND LOCATION Robinson Grenadier Family Hsg, Germany (Stuttgart)		
4.PROJECT TITLE Family Housing Improvements	5.PROJECT NUMBER 60538	
<p><u>IMPACT IF NOT PROVIDED:</u> (CONTINUED)</p> <p>continue to deteriorate, causing maintenance and energy costs to accelerate. Service members and families will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of service personnel and families.</p> <p><u>ADDITIONAL:</u> CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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.</p> <p style="text-align: right; margin-right: 100px;">Installation Engineer: LTC Carl Pritchard Phone Number: DSN 421-6105</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Robinson Grenadier Family Hsg Germany (Stuttgart)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62009		8. PROJECT COST (\$000) Auth 4,700 Approp 4,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,535
Revitalize 3-BR Units		FA	42 --		49,821	(2,092)
Revitalize 2-BR units		FA	84 --		17,175	(1,443)
<u>SUPPORTING FACILITIES</u>						680
Electric Service		LS	--		--	(68)
Water, Sewer, Gas		LS	--		--	(204)
Paving, Walks, Curbs & Gutters		LS	--		--	(340)
Site Imp(68) Demo()		LS	--		--	(68)
ESTIMATED CONTRACT COST						4,215
CONTINGENCY PERCENT (5.00%)						<u>211</u>
SUBTOTAL						4,426
SUPV, INSP & OVERHEAD (6.50%)						<u>288</u>
TOTAL REQUEST						4,714
TOTAL REQUEST (ROUNDED)						4,700
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Improve 126 enlisted family quarters consisting of 18 junior enlisted (JENL) units (12 two-bedroom and 6 three-bedroom), 84 junior noncommissioned units (JNCO) units (72 two-bedroom and 12 three-bedroom), and 24 senior noncommissioned officer (SNCO) three-bedroom units in seven stairwell apartment buildings constructed in 1953-54 with major renovation in 1996. Units are presently designated as two-, three- and four-bedroom. Eighteen of the three-bedroom units and the 18 four-bedroom units are undersized and will be redesignated as two- and three-bedroom respectively. This project will add laundries and second bathrooms to the 24 existing and 18 redesignated three-bedroom units, to be stacked in tower additions onto the buildings, and add laundries only within the interior of the 66 existing and 18 redesignated two-bedroom units. In addition, unrenovated closets will be replaced in all 126 units. Supporting facilities include replacing electrical service lines and utilities, parking, paving, walkways, and site improvements including landscaping and trash collection, in accordance with the local Army Family Housing Community Plan. <u>PROJECT:</u> Improve 126 enlisted stairwell type family quarters by constructing bath and laundry tower additions onto units or laundry only alterations within units and revitalization of neighborhood amenities and supporting						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Robinson Grenadier Family Hsg, Germany (Stuttgart)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 62009	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>infrastructure, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve family housing conditions to conform to current standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These 126 existing family quarters are located in 7 multi-story apartment buildings constructed between 1953 or 1954, consisting of 66 two-bedroom units (18 undersized at 89 GSM (867 NSF) and 48 adequately sized at 113-114 GSM (1,104-1,115 NSF)), 42 three-bedroom units (18 undersized at 104 GSM (1,013 NSF) and 24 adequately sized at 135 GSM (1,318 NSF)), and 18 undersized four-bedroom units at 117 GSM (1,149 NSF). Although these buildings were renovated in 1996, the floor plans were not altered and the original 1950s closets were only painted. In addition, they remain without second baths in all three- and four-bedroom units and with laundries generally in dismal basements, shared by all occupants. Safety and health concerns arise when parents leave young children or cooking to quickly do laundry, especially for those who live in the top floor apartments, four or five flights from the basement laundries. Parents make multiple trips to start the wash and load completed wash into the dryers, and additional trips when washers or dryers are already in use by other building occupants. The single bathroom units require parents and children to schedule usage while preparing for work and school and before bedtime. Bath and laundry facilities are the top two quality of life features currently lacking in these stairwell housing units. In addition, rather than combining recently renovated but undersized units to resolve space deficiencies, the undersized three-bedroom units can be redesignated for families with two-bedroom requirements, reducing the requirements for addition of second baths onto these 18 units, and the undersized four-bedroom units can be redesignated for families with three-bedroom requirements.</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. This adversely affects the health, safety and quality of life of these enlisted personnel and their families.</p> <p><u>ADDITIONAL:</u> CG, USAREUR s Conventional Forces Europe (CFE) planners have certified the end-state requirement for the installation affected by this project. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Robinson Grenadier Family Hsg, Germany (Stuttgart)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 62009	
<p>ADDITIONAL: (CONTINUED)</p> <p>Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p>Installation Engineer: LTC Carl Pritchard Phone Number: DSN 421-6105</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION South Camp Vilseck Germany (Vilseck)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 58919		8. PROJECT COST (\$000) Auth 11,400 Approp 11,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,586
Revitalize 3-BR Apartments		FA	6 --		116,362	(698)
Revitalize 4-BR Apartments		FA	6 --		143,674	(862)
Revitalize 2-BR Apartments		FA	48 --		22,852	(1,097)
Revitalize 2-BR Apartments		FA	12 --		98,480	(1,182)
Revitalize 3-BR Apartments		FA	36 --		55,499	(1,998)
Total from Continuation page						(2,749)
<u>SUPPORTING FACILITIES</u>						1,599
Electric Service		LS	--		--	(234)
Water, Sewer, Gas		LS	--		--	(258)
Paving, Walks, Curbs & Gutters		LS	--		--	(314)
Site Imp(295) Demo()		LS	--		--	(295)
Building Exterior		LS	--		--	(498)
ESTIMATED CONTRACT COST						10,185
CONTINGENCY PERCENT (5.00%)						509
SUBTOTAL						10,694
SUPV, INSP & OVERHEAD (6.50%)						695
TOTAL REQUEST						11,389
TOTAL REQUEST (ROUNDED)						11,400
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 134 enlisted and officer family quarters consisting of 116 junior noncommissioned officer (JNCO) units (45 two-bedroom, 39 three-bedroom, 20 four-bedroom, and 12 five-bedroom) plus 18 company grade officer (CGO) units (15 two-bedroom and 3 three-bedroom) located in 1 duplex and 12 multi-story stairwell type apartment buildings constructed in 1938, 1956 and 1973 along with upgrade of neighborhood amenities and supporting infrastructure for 369 dwelling units of the Fitzhum and Langenbruck housing areas. This project reconfigures 54 undersized two-, three-, and four-bedroom units in 3 stairwell buildings that have not been renovated since constructed to 36 adequate sized two-, four-, and five-bedroom units. Work includes: reconfiguring some units to provide additional space; repair or replacement of failed or failing kitchens, baths, flooring, heating systems, plumbing systems, closets, doors, interior walls and plaster and windows; roof and exterior facade repair or replacement as required; upgrade to the electrical, TV, telephone, security, and fire protection systems. Renovation of common stairwell areas and repairs in the basements areas of the multi-story stairwell building. Asbestos and lead paint will be removed where encountered. This work provides adequate number of baths as well as private laundries within all apartments. Work in 9						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

South Camp Vilseck, Germany (Vilseck)

4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 58919
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Revitalize 4-BR Apartments	FA	14 --	47,571	(666)
Revitalize 5-BR Apartments	FA	12 --	171,519	(2,058)
Building Information Systems	LS	--	--	(25)
			Total	2,749

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

other stairwell buildings with last major renovation in 1996 to 1999 is limited to kitchen upgrades plus addition of 2nd baths where authorized and private laundries. Supporting facility work is included in this project to address various needs within the two housing areas and involves: repairing as necessary failed or failing gutters, downspouts and roof tiles, exterior insulation, plaster and paint; addition of recreation facilities, exterior flammable storage and trash enclosures; upgrade electrical, water, and sewer utility distribution systems; upgrade landscaping, playgrounds, and increase to two off street parking spaces per unit; all in accordance with the local Housing Community Plan.

PROJECT: Whole neighborhood revitalization of 134 enlisted and officer family quarters, including neighborhood amenities and supporting infrastructure for 369 units, all to current construction standards. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.

CURRENT SITUATION: This project renovates dwelling units in 2 housing areas consisting of 1 duplex with 2 four bedroom units at 1,490 NSF and 12 stairwell buildings with 45 four-bedroom units at 1,119 - 1,399 NSF, 57 three-bedroom units at 1,017 - 1,210 NSF, 48 two-bedroom units at 769 - 1,029 NSF. Three unrenovated stairwell buildings will be right sized to 12 units per building to meet space requirements. These stairwell buildings have not undergone any major upgrade or renovation since their construction and all utility systems, doors and windows, roofing and exterior facades, and kitchens and baths are failing from age. The remaining 9 stairwell buildings had piecemeal renovations in the 1980s and 1990s and again require kitchen upgrades as well as the addition of 2nd bathrooms where authorized and private laundries in each apartment to replace common laundries in the basement of each building. The exterior of all buildings require upgrade as do underground utility infrastructure and neighborhood supporting facilities. Wooden trash enclosures are rotten, and unsightly and need replacement. Landscaping around the buildings requires upgrade. The front stairwell entrances of the stairwell building are cold, austere, deteriorated, and institutional-looking and uninviting, and there is nowhere to wait before entering the building.

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION South Camp Vilseck, Germany (Vilseck)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 58919	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>Mailboxes are unsightly and require replacement. Playground areas do not meet the safety requirements and needs replacement.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers and their families will continue to reside in inadequate housing with insufficient bathroom, and laundry, adversely affecting the health, safety and quality of life of these families.</p> <p><u>ADDITIONAL:</u> CG, USAREUR s Conventional Forces Europe (CFE) planners have certified the end-state requirement for the installation affected by this project. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p style="text-align: center;">Installation Engineer: MAJ Michael K. Kinard Phone Number: DSN 476-1560</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Aukamm Housing Area Germany (Wiesbaden)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 58991		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>						13,218
Revitalize 2-BR CGO Units		FA	6 --		99,000	(594)
Revitalize 2-BR CGO Units		FA	15 --		100,000	(1,500)
Revitalize 3-BR CGO Units		FA	12 --		134,000	(1,608)
Revitalize 3-BR CGO Units		FA	3 --		126,000	(378)
Revitalize 3-BR FGO Units		FA	18 --		140,000	(2,520)
Total from Continuation page						(6,618)
<u>SUPPORTING FACILITIES</u>						727
Electric Service		LS	--		--	(73)
Water, Sewer, Gas		LS	--		--	(218)
Paving, Walks, Curbs & Gutters		LS	--		--	(363)
Site Imp(73) Demo()		LS	--		--	(73)
ESTIMATED CONTRACT COST						13,945
CONTINGENCY PERCENT (5.00%)						697
SUBTOTAL						14,642
SUPV, INSP & OVERHEAD (6.50%)						952
TOTAL REQUEST						15,594
TOTAL REQUEST (ROUNDED)						15,500
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 95 officer and enlisted family quarters consisting of 42 company grade officer (CGO) units (21 two-bedroom, 15 three-bedroom, and 6 four-bedroom), 48 field grade officer (FGO) units (18 three-bedroom and 30 four-bedroom), 1 senior officer (SO) four-bedroom single home, and 4 junior enlisted (JENL) four-bedroom units contained in eight multi-story stairwell buildings and one four-plex constructed in 1952 plus nine duplex buildings and one single unit constructed in 1956, including neighborhood improvements associated with these 19 structures in the Wiesbaden Aukamm Housing Area. This project includes reconfiguration of 100 undersized two-, three-, four- and five-bedroom units in the 8 multi-story stairwell apartment buildings and 1 four-plex to 76 adequately sized two-, three- and four-bedroom units. Work in all buildings includes: reconfiguration of units to increase living space; repair or replacement of failed or failing kitchens, baths, flooring, heating systems, plumbing systems, closets, doors, interior walls and plaster and windows; roof and exterior facade repair or replacement as required; upgrade to the electrical, TV, telephone, security, and fire protection systems; renovation of common stairwell areas and repairs in the basement areas. Asbestos and lead paint will be removed where encountered. This project provides adequate number						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
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3. INSTALLATION AND LOCATION

Aukamm Housing Area, Germany (Wiesbaden)

4. PROJECT TITLE

Family Housing Improvements

5. PROJECT NUMBER

58991

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Revitalize 4-BR FGO Units	FA	30 --	162,000	(4,860)
Revitalize 4-BR CGO Units	FA	6 --	148,000	(888)
Revitalize 4-BR JNCO Units	FA	4 --	142,000	(568)
Revitalize 4-BR SO Unit	FA	1 --	195,000	(195)
Building Information Systems	LS	--	--	(107)
			Total	6,618

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

of baths as well as private laundries within all apartments. Two apartments in this project will be modified for assignment to a sponsor with handicapped family members. Supporting facilities include utilities, walkways, paving, recreation amenities and site improvements including landscaping in accordance with the local Army Family Housing Community Plan.

PROJECT: Whole Neighborhood Revitalization of 95 officer and enlisted family quarters, including upgrade of neighborhood amenities and supporting infrastructure, all to current standards. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.

CURRENT SITUATION: The nine multi-story stairwell apartment buildings currently consist of 12 - two-bedroom units at 965 NSF; 48 three-bedroom units at 1,140 NSF; 36 four-bedroom units at 1,306 NSF; 4 five-bedroom units at 1,629 NSF; 18 duplex four-bedroom units at 1,612 NSF; ; and 1 four-bedroom single family unit at 3,370 NSF. These 119 dwelling units will be right-sized to 95 units to provide: 6 two-bedroom at 1,148 NSF; 15 two-bedroom units at 1,156 NSF; 3 three-bedroom units at 1,456 NSF; 12 three-bedroom units at 1,539 NSF; 18 three-bedroom units at 1,612 NSF; 4 four-bedroom units of 1,629 NSF; 6 four-bedroom units at 1,708 NSF; 30 four-bedroom units at 1,858 NSF; and 1 four-bedroom unit at 3,370 NSF. These 19 buildings have not undergone a major upgrade or renovation since their construction in the 1950s and all utility systems, door and windows, roofing and exterior facades, and 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. This adversely affects the health, safety and quality of life of the Soldiers and their families.

ADDITIONAL: CG, USAREUR s Conventional Forces Europe (CFE) planners have certified the end-state requirement for the installation affected by this project. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Aukamm Housing Area, Germany (Wiesbaden)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 58991	
<p><u>ADDITIONAL:</u> (CONTINUED)</p> <p>antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p style="text-align: center;">Installation Engineer: Jerry Gidej Phone Number: DSN 337-1560</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Aukamm Housing Area Germany (Wiesbaden)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62020		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>						11,317
Revitalize 3-BR SNCO		FA	36 --		135,134	(4,865)
Convert 4-BR to 3-BR FGO		FA	44 --		143,567	(6,317)
Building Information Systems		LS	--		--	(135)
<u>SUPPORTING FACILITIES</u>						431
Electric Service		LS	--		--	(43)
Water, Sewer, Gas		LS	--		--	(98)
Paving, Walks, Curbs & Gutters		LS	--		--	(216)
Site Imp(43) Demo()		LS	--		--	(43)
Information Systems		LS	--		--	(31)
ESTIMATED CONTRACT COST						11,748
CONTINGENCY PERCENT (5.00%)						587
SUBTOTAL						12,335
SUPV, INSP & OVERHEAD (6.50%)						802
TOTAL REQUEST						13,137
TOTAL REQUEST (ROUNDED)						13,200
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 80 officer and enlisted family quarters consisting of 44 field grade officer (FGO) three-bedroom units in 22 duplex buildings with no major renovation since constructed in 1956-57 and 36 senior non-commissioned officer (SNCO) three-bedroom apartments in 3 multi-story stairwell type apartment buildings with no major renovation since constructed in 1956. This project reconfigures 44 undersized four-bedroom senior officer (SO) units into 44 adequately sized three-bedroom FGO units and converts 48 undersized FGO three-bedroom apartments into 36 adequately sized SNCO three-bedroom apartments. Work in all buildings includes: reconfiguration to increase living space; repair or replacement of failed or failing kitchens, baths, flooring, heating systems, plumbing systems, closets, doors, interior walls and plaster and windows; roof and exterior facade repair or replacement as required; upgrade to the electrical, TV, telephone, security, and fire protection systems; renovation of common stairwell areas and repairs in the basement areas. Asbestos and lead paint will be removed where encountered. Supporting facilities include utilities, walkways, paving, and site improvements including landscaping in accordance with the local Army Family Housing Community Plan.						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Aukamm Housing Area, Germany (Wiesbaden)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 62020	
<p><u>PROJECT:</u> Whole neighborhood revitalization of 80 officer and enlisted family quarters to include neighborhood amenities and supporting infrastructure, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve family housing conditions to conform to current standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> The 22 duplex buildings in this project consist of four-bedroom senior officer units that are undersized by current size standards and the fourth bedroom is so narrow as to yield it inadequate for all but a nursery. The stairwell buildings in this project consist of three-bedroom FGO apartments, 12 per building, that are undersized by current standards. Buildings and apartments have only had minor renovations since construction in the mid 1950s. The buildings do not meet fire safety standards. Water has high mineral content causing buildup in lines and restricting water flow. Electrical system does not meet the present electrical code. Apartments have limited 120V voltage required for US appliances. Interior of apartments shows its age. Rooms require plaster repairs and repainting. Wood floors require repairs. Laundry rooms are in stairwell basement and thus require residents walking down into basements to wash laundry. Current quality of life initiatives require laundry rooms to be located within the apartment. Stairwells require repairs to stairs and upgrading stair rail to safety code. Heating lines are calcified and need to be replaced.</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. This adversely affects the health, safety and quality of life of these military personnel and their families.</p> <p><u>ADDITIONAL:</u> CG, USAREUR s Conventional Forces Europe (CFE) planners have certified the end-state requirement for the installation affected by this project. This project has been coordinated with the installation physical security plan, and all physical security measures are included. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p> <p style="text-align: center;">Installation Engineer: Jerry Gidej Phone Number: DSN 337-5053</p>		

1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Crestview Housing Germany (Wiesbaden)			4. PROJECT TITLE Family Housing Improvements			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 55880		8. PROJECT COST (\$000) Auth 13,800 Approp 13,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,347
Revitalize JNCO 2-BR Apartments		FA	46 --		92,957	(4,276)
Revitalize JNCO 3-BR Apartments		FA	38 --		113,632	(4,318)
Revitalize SNCO 3-BR Apartments		FA	12 --		134,000	(1,608)
Building Information Systems		LS	--		--	(145)
<u>SUPPORTING FACILITIES</u>						1,987
Electric Service		LS	--		--	(127)
Water, Sewer, Gas		LS	--		--	(356)
Paving, Walks, Curbs & Gutters		LS	--		--	(533)
Site Imp(229) Demo()		LS	--		--	(229)
Information Systems		LS	--		--	(31)
Building Exterior		LS	--		--	(711)
ESTIMATED CONTRACT COST						12,334
CONTINGENCY PERCENT (5.00%)						617
SUBTOTAL						12,951
SUPV, INSP & OVERHEAD (6.50%)						842
TOTAL REQUEST						13,793
TOTAL REQUEST (ROUNDED)						13,800
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 96 enlisted family quarters consisting of 84 junior noncommissioned officer (JNCO) units (46 two-bedroom and 38 three-bedroom) and 12 senior noncommissioned officer (SNCO) three-bedroom units in fifteen four-plex two-story apartment buildings plus four multi-story stairwell apartment buildings, constructed in 1949 and 1953, to current standards including neighborhood amenities, energy efficiency, and infrastructure supporting a total of 254 apartments. This project reconfigures 108 existing undersized apartments (54 two-bedroom and 54 three-bedroom) into 96 adequately sized apartments (46 two-bedroom and 50 three-bedroom). Work includes: reconfiguration to increase living space; repair or replace failed and failing kitchens, baths, flooring, heating system, interior plumbing system, closets, doors, windows, removal of asbestos and lead paint contaminants, upgrade in various degrees of the electrical, TV, telephone, security and fire protection systems, as well as insulation, renovate common stairwell areas, and repairs in the basement areas and storage rooms, including moisture protection/redirection and water-proofing. Private laundries will be provided in all two-bedroom units and all three-bedroom units will have the second bath and laundry within the reconfigured apartment. Supporting facility work is						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Crestview Housing, Germany (Wiesbaden)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 55880	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>included in this project for 254 units - approximately half of the Crestview neighborhood - in these 19 plus 14 contiguous buildings. This work involves repairing as necessary failing gutters, exterior insulation, plaster and paint, balcony repairs, installation of mailboxes and exterior landscaping, walkway and roadway repairs, parking upgrade to two spaces per unit, addition of appropriate exterior storage and trash enclosures, and upgrade of neighborhood landscaping, playgrounds and signage. All neighborhood work is in accordance with the local Housing Community Plan</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 96 enlisted family apartments including upgrade of neighborhood amenities, energy conservation, and infrastructure for a total of 254 apartments, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing junior and senior noncommissioned officer family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> The nineteen apartment buildings consist of 54 two-bedroom apartments from 953 to 1,149 NSF and 54 three-bedroom apartments from 1,130 to 1,238 NSF. A variety of revitalization solutions are applied in this project to produce 96 adequate family housing apartments. These nineteen buildings are all about 50 years old. Ten of them had exterior improvement work accomplished in the mid-1980s. Bathrooms have also had some piecemeal repairs between occupancy, including new flooring, tub-liners, and sanitary fixtures. Heating systems are inadequate. Electrical system are deteriorated and undersized. Although all of the buildings are structurally sound, entrances and stairwells are antiquated and unsightly. Shared laundry facilities are located in the basements. Storage rooms in the basement need repairs. The housing areas do not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are in need of repair and replacement. Neighborhood recreational facilities are inadequate. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members and their families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these enlisted and officer personnel and their families.</p> <p><u>ADDITIONAL:</u> CG, USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Crestview Housing, Germany (Wiesbaden)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 55880	
<p>ADDITIONAL: (CONTINUED)</p> <p>Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 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, not is it expected to become eligible.</p> <p style="text-align: center;">Installation Engineer: Mr. Jerry Gidej Phone Number: DSN 337-1560</p>		

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Hainerberg Hsg and Shop Ctr Germany (Wiesbaden)				4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 59131	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>						13,868
Revitalize 5-BR SNCO Apartments		FA	12 --		184,000	(2,208)
Revitalize 4-BR SNCO Apartments		FA	30 --		166,800	(5,004)
Revitalize 2-BR JNCO Apartments		FA	66 --		99,091	(6,540)
Building Information Systems		LS	--		--	(116)
<u>SUPPORTING FACILITIES</u>						4,391
Electric Service		LS	--		--	(149)
Water, Sewer, Gas		LS	--		--	(476)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,700)
Site Imp(251) Demo()		LS	--		--	(251)
Revite Building Exteriors		LS	--		--	(1,815)
ESTIMATED CONTRACT COST						18,259
CONTINGENCY PERCENT (5.00%)						913
SUBTOTAL						19,172
SUPV, INSP & OVERHEAD (6.50%)						1,246
TOTAL REQUEST						20,418
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for whole neighborhood revitalization of 108 enlisted family quarters consisting of 66 junior noncommissioned officer (JNCO) two-bedroom apartments and 42 senior noncommissioned officer (SNCO) apartments (30 four-bedroom and 12 five-bedroom), in 11 buildings constructed in 1954. This project reconfigures 150 undersized two- and three-bedroom apartments into 108 adequate two-, four-, and five-bedroom apartments. Work includes reconfiguration of floor plan to increase unit size; restoration of existing kitchens and baths or replacement of those displaced by reconfiguration and still required; adding second bathroom where required and private laundry in all apartments; alteration of heating, interior plumbing, electrical, TV, telephone, and fire protection systems and interior partitions, closets, and doors; renovation of common stairwell areas and do minor required repairs in the basement areas and storage rooms. Project includes removal of asbestos, lead-based paint and PAH's when encountered on the interior of the buildings. Supporting facility work is included in this project for 506 units - about half of Hainerberg housing area - including these 11 plus 36 other contiguous buildings. This work involves repairing as necessary failed or failing gutters, downspouts and roof tiles, exterior insulation, plaster and paint; addition of recreational facilities, exterior						

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Hainerberg Hsg and Shop Ctr, Germany (Wiesbaden)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 59131	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>flammable storage and trash enclosures; upgrade electrical, water, and sewer utility distribution systems; upgrade landscaping, playgrounds, and to two off street parking spaces per unit; all in accordance with the local Housing Community Plan.</p> <p><u>PROJECT:</u> Whole neighborhood revitalization of 108 enlisted family stairwell type apartments, to include neighborhood amenities and supporting infrastructure for these 11 plus 36 other contiguous buildings, all to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These eleven multi-story apartment buildings consist of 75 two-bedroom units about 98 GSM (961 NSF), 89% of JNCO size standard of 110 GSM (1,080 NSF), and 75 three-bedroom units about 117 GSM (1,148 NSF) 88% of JNCO size standard of 134 GSM (1,310 NSF). Although 8 these 50 year old stairwell-type, multi-story family housing apartment buildings have been renovated between 1984 and 1989, none of the floor plans have been altered and they all remain without second full baths in three-bedroom units and with laundries in dismal basements, shared by all occupants. Safety and health concerns arise when parents leave young children or cooking to quickly do laundry, especially for those who live in the top floor apartments, four or five flights from the basement laundries. Parents make multiple trips to start the wash and load completed wash into the dryers, and additional trips when washers or dryers are already in use by other building occupants. The single bathroom units require parents and children to schedule usage while preparing for work and school and before bedtime. Bath and laundry facilities are the top two quality of life features currently lacking in these stairwell housing units. These buildings were last renovated prior to 1990 and now require complete revitalization to include expansion to achieve minimum of 95% of current size standards. Simple bath and Laundry additions employed to add these amenities on some other buildings not requiring thorough renovation, would only bring these three-bedroom units up to 93% of size standards. Four of these buildings contain 18 apartments, requiring structural reinforcement and exterior hardening against terrorist attack. Reconfiguring all of these existing buildings to 12 or fewer apartments eliminates constructing impractical additions and expensive retrofit against terrorism. Reconfiguration to fewer units also enables providing larger units to resolve existing deficits in four- and five-bedroom categories.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members and their families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these enlisted personnel and their families.</p> <p><u>ADDITIONAL:</u> CG, USAREUR's Conventional Forces Europe (CFE) planners have</p>		

1. COMPONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2005
3. INSTALLATION AND LOCATION Hainerberg Hsg and Shop Ctr, Germany (Wiesbaden)		
4. PROJECT TITLE Family Housing Improvements	5. PROJECT NUMBER 59131	
<p>ADDITIONAL: (CONTINUED)</p> <p>certified the end-state requirement for this installation. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/force 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 will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p style="text-align: center;">Installation Engineer: Mr. Jerry Gidej Phone Number: DSN 337-1560</p>		

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ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 PLANNING AND DESIGN

(\$ in Thousands)

FY 2006 Budget Request	\$17,536
FY 2005 Current Estimate	\$29,209
FY 2005 Appropriation	\$29,909

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 2006 Planning and Design request will be used to support the Housing Privatization Initiative.

Authorization and Appropriation Request

Authorization requested for \$17,536,000 and appropriation requested for \$17,536,000 in FY 2006 to fund family housing construction planning and design activities excluding Housing Privatization Initiative.

PROGRAM SUMMARY

Planning and Design funds will provide for final design work on FY 2006 and FY 2007 projects, and for initial concept designs for FY 2008 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 2006 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.

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1. COMPONENT ARMY		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2005	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Family Housing P&D		
5. PROGRAM ELEMENT 87742A		6. CATEGORY CODE 711	7. PROJECT NUMBER 62209		8. PROJECT COST (\$000) Auth 17,536 Approp 17,536	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning & Design		LS	--		--	17,536 (17,536)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						17,536
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						17,536
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						17,536
TOTAL REQUEST (ROUNDED)						17,536
INSTALLED EQT-OTHER APPROP						(0)
<p>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.</p> <p><u>PROJECT:</u> Planning and design funding for family housing.</p> <p><u>REQUIREMENT:</u> This funding is required to provide for Architect-Engineer (A-E) services for site surveys and preparation of designs and specifications for the Army family housing construction program, including value engineering, and continued development of design criteria, standards, specifications and technical manuals. Funds will be used by the US Army Corps of Engineers (USACE) for in-house designs, A-E contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2006 program; for advancement to final design of projects in FY 2007 and for initiation of design of projects in FY 2008.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If these funds are not provided, development of family housing new and post-acquisition family housing projects will not be accomplished, preventing execution of the FY 2006, 2007 and 2008 construction programs.</p>						

1.COMONENT ARMY	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2.DATE FEBRUARY 2005
3.INSTALLATION AND LOCATION Planning and Design, Worldwide Various		
4.PROJECT TITLE Family Housing P&D	5.PROJECT NUMBER 62209	

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION, UTILITIES, AND MAINTENANCE

(\$ in Thousands)

FY 2006 Budget Request	\$578,699
FY 2005 Current Estimate	\$683,029
FY 2005 Appropriation	\$683,029

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following sub-accounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Referral services provide information and services to place families into privatized housing. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management. Also includes personnel costs for residual housing staff at privatized housing locations.

2. Services - Provides basic installation service support functions such as refuse collection and disposal, entomology and pest control, snow removal and street cleaning. Includes the cost of family housing's proportional share of fire and police protection.

3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings and household equipment; plus maintenance, repair, and replacement of the existing furnishings and equipment inventory.

4. Miscellaneous - Provides payments to non-Department of Defense agencies for housing units occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the cost of utilities for privatized housing at Fort Carson.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Recurring M&R Dwellings - Includes service calls, interior and exterior painting, between occupancy maintenance, roof replacement and other periodic maintenance and repair (M&R) work.

2. 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.

3. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

4. M&R, Other Real Property - Includes work on grounds, surfaced areas, tot lots and other real property serving family housing.

5. Alts. & 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.

Reimbursement Authority. 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.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION, UTILITIES, AND MAINTENANCE (continued)

PROGRAM SUMMARY

Authorization and appropriation are requested for \$578,699,000 for FY 2006. This amount, together with estimated reimbursements of \$22,000,000 will fund the Operation, Utilities, and Maintenance program of \$600,699,000. A summary follows:

(\$ in thousands)

<u>Operation</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse-ments</u>	<u>Total Program</u>
137,716	131,860	309,123	578,699	22,000	600,699

EXHIBIT FH-2 SUMMARY

Operational requirements are a function of the cost-per-unit of supported installations. In general, CONUS installations are less expensive to operate than units located in foreign countries. As the ratio of foreign to U.S. units grows due to the loss of U.S. inventory due to privatization, the average cost per unit increases. In FY 05 the total average U.S. inventory (CONUS plus U.S. overseas) represented 59% total owned inventory. By FY 06, the total U.S. inventory only represents 52% of the total owned inventory and the per-unit cost of operations increases accordingly.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

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ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2004 ACTUAL		FY 2005 APPROPRIATED		FY 2006 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	89,225		74,190		51,610	
INVENTORY END OF YEAR	74,190		51,610		34,983	
EFFECTIVE AVERAGE INVENTORY	77,501		56,406		44,735	
HISTORIC UNITS	3,690		2,402		1,385	
UNITS REQUIRING O&M FUNDING:						
a. Contiguous US	43,140		29,864		21,009	
b. U.S. Overseas	10,761		3,024		3,131	
c. Foreign	23,600		23,518		20,595	
d. Worldwide	77,501		56,406		44,735	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	1,068	82,741	1,328	74,895	1,524	68,188
b. Services	590	45,695	641	36,174	642	28,718
c. Furnishings	556	43,113	663	37,411	882	39,465
d. Miscellaneous	16	1,206	24	1,333	30	1,345
SUBTOTAL - OPERATION	2,229	172,755	2,656	149,813	3,078	137,716
2. UTILITIES	2,485	192,593	2,346	132,356	2,948	131,860
3. MAINTENANCE						
a. Annual Recurring M&R	3,101	240,350	4,192	236,445	3,847	172,090
b. Major M&R Projects	477	36,961	1,181	66,626	2,186	97,780
c. Exterior Utilities	317	24,577	388	21,894	254	11,342
d. M&R, Other Real Prop.	465	36,045	596	33,600	426	19,041
e. Alts. & Additions	371	28,766	750	42,296	198	8,871
SUBTOTAL MAINTENANCE	4,732	366,700	7,107	400,860	6,910	309,123
4. FOREIGN CURRENCY (Memo)		[114,024]				
5. APPROPRIATION	9,446	732,048	12,108	683,029	12,935	578,698
6. REIMBURSABLE PROGRAM	205	15,909	390	22,000	492	22,000
7. TOTAL O&M PROGRAM	9,652	747,957	12,498	705,029	14,079	629,864

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2004 ACTUAL		FY 2005 APPROPRIATED		FY 2006 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	54,924		39,771		25,068	
INVENTORY END OF YEAR	39,771		25,068		14,075	
EFFECTIVE AVERAGE INVENTORY	43,140		29,864		21,009	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	1,051	45,321	1,337	39,922	1,442	30,304
b. Services	587	25,313	517	15,454	502	10,545
c. Furnishings	118	5,096	89	2,650	127	2,667
d. Miscellaneous	28	1,206	45	1,333	64	1,345
SUBTOTAL - OPERATION	1,783	76,936	1,987	59,358	2,136	44,861
2. UTILITIES	1,942	83,771	1,852	55,318	2,796	58,747
3. MAINTENANCE						
a. Annual Recurring M&R	2,940	126,826	3,084	92,089	4,415	92,764
b. Major M&R Projects	268	11,560	1,078	32,188	2,856	59,997
c. Exterior Utilities	249	10,722	261	7,786	373	7,843
d. M&R, Other Real Prop.	505	21,780	530	15,815	758	15,930
e. Alts. & Additions	190	8,209	200	5,961	286	6,005
SUBTOTAL MAINTENANCE	4,152	179,097	5,151	153,839	8,689	182,539
4. APPROPRIATION	7,877	339,804	8,991	268,515	13,620	286,147
5. REIMBURSABLE PROGRAM	282	12,151	569	17,000	809	17,000
6. TOTAL O&M PROGRAM	8,158	351,955	9,561	285,515	14,429	303,147

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2004 ACTUAL		FY 2005 APPROPRIATION		FY 2006 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	10,723		10,798		3,131	
INVENTORY END OF YEAR	10,798		3,131		3,131	
EFFECTIVE AVERAGE INVENTORY	10,761		3,024		3,131	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	849	9,137	2,148	6,497	2,325	7,280
b. Services	397	4,275	506	1,529	373	1,169
c. Furnishings	400	4,303	477	1,443	389	1,217
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	1,646	17,715	3,131	9,470	3,088	9,666
2. UTILITIES	3,731	40,150	3,758	11,365	2,606	8,158
3. MAINTENANCE						
a. Annual Recurring M&R	3,776	40,631	4,910	14,848	4,556	14,264
b. Major M&R Projects	92	994	1,650	4,990	3,754	11,755
c. Exterior Utilities	692	7,446	900	2,721	835	2,614
d. M&R, Other Real Prop.	498	5,357	647	1,958	601	1,881
e. Alts. & Additions	12	134	16	49	15	47
SUBTOTAL MAINTENANCE	5,070	54,562	8,124	24,566	9,761	30,561
4. APPROPRIATION	10,448	112,427	15,013	45,401	15,453	48,385
5. REIMBURSABLE PROGRAM	74	795	331	1,000	319	1,000
6. TOTAL O&M PROGRAM	10,522	113,222	15,344	46,401	15,773	49,385

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2004 ACTUAL		FY 2005 APPROPRIATED		FY 2006 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	23,578		23,621		23,411	
INVENTORY END OF YEAR	23,621		23,411		17,777	
EFFECTIVE AVERAGE INVENTORY	23,600		23,518		20,595	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	1,198	28,283	1,211	28,476	1,486	30,604
b. Services	683	16,107	816	19,191	826	17,004
c. Furnishings	1,429	33,714	1,417	33,318	1,728	35,581
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	3,309	78,104	3,444	80,985	4,039	83,189
2. UTILITIES	2,910	68,672	2,792	65,673	3,154	64,955
3. MAINTENANCE						
a. Annual Recurring M&R	3,089	72,893	5,507	129,508	3,159	65,062
b. Major M&R Projects	1,034	24,407	1,252	29,448	1,264	26,028
c. Exterior Utilities	272	6,409	484	11,387	43	885
d. M&R, Other Real Prop.	377	8,908	673	15,827	60	1,230
e. Alts. & Additions	865	20,423	1,543	36,286	137	2,819
SUBTOTAL MAINTENANCE	5,637	133,040	9,459	222,456	4,662	96,024
4. APPROPRIATION	11,857	279,816	15,695	369,114	11,856	244,168
5. REIMBURSABLE PROGRAM	126	2,963	170	4,000	194	4,000
6. TOTAL O&M PROGRAM	11,982	282,779	15,865	373,114	12,050	248,168

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

Department of the Army
 Family Housing Operations and Maintenance Reprogramming Actions
 Fiscal Year 2004

	FY 2004 Appropriation	FY 04 DD1415 RPG	FY 04 BLW THD RPG	Percent Reprogrammed	FY 2004 End of Year
Utilities	\$165,728	-\$8,079	\$34,903	21%	\$192,552
Operations	\$177,314	-\$8,356	-\$420	0%	\$168,538
Management	\$85,520	-\$3,992	\$1,521	2%	\$83,049
Services	\$46,235	-\$765	-\$4,409	-10%	\$41,061
Furnishings	\$44,258	-\$3,599	\$2,459	6%	\$43,118
Miscellaneous	\$1,301	\$0	\$9	1%	\$1,310
Leasing	\$232,223	-\$26,114	-\$200	0%	\$205,909
Maintenance*	\$439,877	-\$33,007	-\$38,170	-9%	\$368,700
Interest	\$1		-\$1	-100%	\$0
		\$0	\$0		
Privatization Support	\$29,303		\$0	0%	\$29,303
Judgement Fund			\$2,220		\$2,220
Closed Account Adj			\$1,668		\$1,668
FCF*		\$140,077			\$140,077
Total	\$1,044,446	\$64,521	\$0	0%	\$1,108,967

*Footnote: Reprogrammed from current FY 04 and Prior Years.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

DOLLARS REQUIRING CONVERSION TO FOREIGN CURRENCY
 (\$ in Thousands)

		FY2004		FY2005	FY2006
	Budget Exchange Rates	Dollars Requiring Conversion	Budget Exchange Rates	Dollars Requiring Conversion	Dollars Requiring Conversion
EURO	1.0314	284,286	0.8785	328,401	370,322
YEN	125.49	8,129	115.00	9,391	9,842
WON	1255	41,046	1205.2	47,415	47,424
Total		333,461		385,207	427,588
	Market Rates	Cost of Conversion (All Currencies)	Market Rates	Cost of Conversion (All Currencies)	Cost of Conversion (All Currencies)
EURO	0.82		0.82		
YEN	109.83	*117,481	109.83	*104,834	86,624
WON	1153.2		1153.2		

* Includes carryover FY02 & FY03 obligations @1.28 & 1.24 EURO per dollar.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT

(\$ in Thousands)	
FY 2006 Budget Request	\$137,716
FY 2005 Current Estimate	\$148,167
FY 2005 Appropriation	\$149,813

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 the prior year's appropriation which is adjusted for current year reprogramming actions, pricing changes (includes non-pay inflation, pay inflation and foreign currency exchange rates). Program adjustments include staff reductions at privatized locations and associated administrative reductions.

The services sub-account is estimated based on the prior year's appropriation which is adjusted for current year pricing changes (includes non-pay inflation and foreign currency exchange rates). Program adjustments include inventory reduction due to privatization.

The furnishings sub-account is estimated based on prior year's appropriation which is also adjusted for current year reprogramming actions, pricing changes (includes non-pay inflation, pay inflation and foreign currency exchange rates). Program adjustments include inventory reduction based on Continental U.S., U.S. Overseas, and Foreign locations.

The miscellaneous sub-account is estimated based on prior year's appropriation which is also adjusted for current year reprogramming, pricing changes (includes non-pay inflation) and program adjustments.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
OPERATION ACCOUNT
BUDGET METHODOLOGY (Continued)

Maintenance and Repair (M&R) requirements are based on the Installation Status Report (ISR) that is used to establish the baseline funding required to "sustain" or prevent further deterioration. M&R funds to revitalize already deteriorated housing are added to the sustainment estimate to determine the full requirement. However, in order to fund unanticipated non-deferrable bills, M&R can be postponed or revitalization projects slipped. The result is continued deterioration of our facilities. This account has historically been decremented, thereby contributing to inadequate facilities. As with other accounts, the budget estimate considers the prior year appropriation which is adjusted for pricing changes (includes non-pay inflation, pay inflation and foreign currency exchange rates).

The utilities account is estimated based on prior year's appropriation which is adjusted for current year reprogramming actions, pricing changes (includes non-pay inflation, fuel inflation, and foreign currency exchange rates). Program adjustments include inventory reduction due to privatization, adjustment for energy conservation.

Leasing Budget estimate is based on detailed cost projections. These projections are modified based on prior year's appropriation which is adjusted for current year reprogramming actions, pricing changes (includes non-pay inflation, pay inflation, and foreign currency exchange rates), and program adjustments.

Privatization support cost estimates for pay, travel, and contracts at the Headquarters management office and Residential Community Initiative (RCI) sites are based on assigned personnel and workload. Workload is driven by the number of projects in various phases of completion (planning, implementation, and post-privatization). The applied cost factors are based on experience of each phase. RCI projections are reconciled as other accounts by using prior year's appropriation which is

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
OPERATION ACCOUNT
BUDGET METHODOLOGY (Continued)

adjusted for pricing changes (includes non-pay inflation and pay inflation).

Summary of Primary Adjustments in FY 2006 Budget

Significant reductions have been taken in the Management Account for staff reductions due to privatization and administrative costs totaling \$8.4 million. Administrative cost reductions such as supplies, travel, equipment, office furnishings and leases of GSA vehicles account for more than half of the total reduction.

Inventory reductions due to privatization have reduced the Services and Furnishings accounts by \$5.6 million and \$6.1 million respectively.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT
 MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)

FY 2006 Budget Request	\$68,188
FY 2005 Current Estimate	\$74,895
FY 2005 Appropriation	\$74,895

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.

EFFECT OF PRIVATIZATION

Installations continue to require a post-privatization housing staff to provide project oversight and provide other housing services not related to privatization. However, 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. Personnel authorizations at installations with privatized family housing are based on the total number of privatized family housing units, the geographic dispersion of the privatization project, and the number of families requiring other housing services (e.g., referrals, deposit waiver, and community liaison). Overall reduction to the management sub-account for FY 2006 Budget Estimate is \$1,751,000.

As a result of privatization, this account was also reduced in administrative expenses that include supplies, travel, equipment, office furnishings and leases of GSA vehicles. Each privatized location's administrative expenses are reduced for all non-pay expenses and supplies. Overall reduction to the management sub-account for FY 2006 Budget Estimate is \$6,707,000.

Office, Secretary of Defense, Comptroller developed a new definition for privatization support. Some activities budgeted for in the management sub-account in the past will now be budgeted for in the privatization sub-account. These costs include all site assessment costs, project costs, and

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT (Continued)

administrative costs, which directly support the family housing Privatization program. The transfer from the management sub-account to the privatization sub-account in FY 2006 Estimate is \$1,855,000.

This budget assumes the European drawdown begins in FY 2006. The Management sub-account is adjusted downward by \$3,102,000 to account for a 2,923 average unit inventory decrease.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT
 MANAGEMENT SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	<u>\$ In Thousands</u>	
1. FY 2004 Obligation	[82,741]	
2. FY 2005 Appropriation		74,895
3. FY 2005 Current Estimate		74,895
4. Price Adjustments:		6,589
a. Non-Pay Inflation	887	
b. Pay Inflation	958	
c. Foreign Currency	4,960	
d. One less compensatory day	-216	
5. Program Adjustment:		-13,296
a. Cost for staff at privatized locations refined.	-1,751	
b. Reduction of administrative expenses to include: contracting support, supplies, travel, equipment, etc.	-6,588	
c. Transfer of costs to privatization account due to new privatization support definition	-1,855	
d. FY05 foreign inventory (23,518) decreases by (2923) average number; primarily for European drawdown	-3,102	
6. FY 2006 Budget Request		68,188

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT
 SERVICES SUB-ACCOUNT

(\$ in Thousands)

FY 2006 Budget Request	\$28,718
FY 2005 Current Estimate	\$32,966
FY 2005 Appropriation	\$36,174

The FY 2006 request is based on the required level of support for refuse collection, street cleaning, 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.

EFFECT OF PRIVATIZATION

Program decrease to the Services Account is due to inventory reduction adjustments reflected by the average number of units reduced including privatization. The Services sub-account is reduced by \$3,208,000 for FY 2005 and by \$5,962,000 for FY 2006 due to inventory reduction adjustments.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT
 SERVICES SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	\$ In Thousands
1. FY 2004 Obligation	[45,695]
2. FY 2005 Appropriation	36,174
3. Reprogramming: Transfer inventory cost reduction to furnishings and foreign currency account	-3,208
4. FY 2005 Current Estimate	32,966
5. Price Adjustment:	3,943
a. Non-Pay Inflation	593
b. Pay Inflation	-64
c. Foreign Currency fluctuations rate change	3,414
6. Program adjustments:	-8,191
a. Decrease due to inventory reduction US & FGN	-5,962
b. Decrease in contracting support	-2,229
7. FY 2006 Budget Request	28,718

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT

(\$ in Thousands)

FY 2006 Budget Request	\$39,465
FY 2005 Current Estimate	\$38,985
FY 2005 Appropriation	\$37,411

The furnishings sub-account is primarily used for procuring, controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors. Budget decreases due to inventory reductions based on Continental United States (CONUS), Overseas (OS) and Foreign (FGN) areas.

EFFECT OF PRIVATIZATION

Housing privatization impacts furnishings due to the fact that CONUS housing inventory is reduced when privatized. This reduced inventory is taken into account as stated above.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT
 FURNISHINGS SUB-ACCOUNT (Continued)
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	\$ In Thousands	
1. FY 2004 Obligation	[43,113]	
2. FY 2005 Appropriation		37,411
3. Reprogramming: Increase based on FY04 actual	1,574	
4. FY 2005 Current Request		38,985
5. Price Adjustments:		6,604
a. Non-Pay Inflation	606	
b. Pay Inflation	38	
c. Foreign Currency - Pricing	5,980	
d. One less Compensatory day	-20	
6. Program Adjustments:		-6,124
a. Decrease due to inventory reduction based on US and FGN	-6,124	
7. FY 2006 Budget Request		39,465

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

OPERATION ACCOUNT
 MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)

FY 2006 Budget Request	\$1,345
FY 2005 Current Estimate	\$1,321
FY 2005 Appropriation	\$1,333

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to U.S. soldiers. The FY 2006 request will fund housing provided by the U.S. Coast Guard (USCG) for Army soldier families in New York, Massachusetts, Connecticut, Puerto Rico, California and Florida. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors.

EFFECT OF PRIVATIZATION

The housing privatization program has no impact on the Miscellaneous Sub-account.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 OPERATION ACCOUNT
 MISCELLANEOUS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 2004 Obligation	[1,206]
2. FY 2005 Appropriation	1,333
3. Reprogramming	-12
4. FY 2005 Current Estimate	1,321
5. Price Adjustment: Non-pay inflation	24
6. FY 2006 Budget Request	1,345

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MAINTENANCE AND REPAIR ACCOUNT

(\$ in Thousands)	
FY 2006 Budget Request	\$309,123
FY 2005 Current Estimate	\$305,860
FY05 Adjusted Appropriation	\$400,860
FY 2005 Appropriation	\$399,660

The value of family housing assets maintained by the Army exceeds \$11.5 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 program adjustments of \$-95,000,000 to the FY 2005 current estimate for increased costs of utilities and to the foreign currency account, increases sustainment of \$26,883,000 to the FY 2006 budget request.

Under the Family Housing Master Plan (FHMP), most repair projects within the United States are to be accomplished with privatization or the Army Family Housing Construction program.

EFFECT OF PRIVATIZATION

The Army has maintained its inventory of owned housing at minimal essential levels for many years. This has kept them safe for habitation but has deferred needed major maintenance, resulting in deterioration. The Army chose to take advantage of the housing privatization authority granted by Congress to eliminate inadequate housing. The privatization program allows the Army to work as a partner with private developers to replace/revitalize housing much quicker than Army funds would allow. When the privatization program has been completed, the Army will still retain approximately 14,000 owned units, worldwide. As the inventory is reduced, and funds are shared among fewer units, per-unit funding can be increased.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MAINTENANCE AND REPAIR ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	\$ In Thousands
1. FY 2004 Obligation	[480,724]
2. FY 2005 Appropriation	399,660
3. Congressional Adjustment: Emergency supplemental (Storm Damage)	1,200
4. FY 2005 Adjusted Appropriation	400,860
5. Program Adjustment: Reprogramming to Utilities and Foreign Currency Account	-95,000
6. FY 2005 Current Estimate	305,860
7. Price Adjustments:	34,880
a. Non-Pay Inflation	7,023
b. Pay Inflation	57
c. Foreign Currency - Pricing	27,800
8. Program Adjustments:	-31,617
a. Decrease due to inventory reduction based on US and FGN	-58,500
b. Increase to sustainment of units	26,883
9. FY 2006 Budget Request	309,123

ARMY FAMILY HOUSING
FY 2006 BUDGET REQUEST
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
ESTIMATED MAINTENANCE AND REPAIRS
EXCEEDING \$35,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in Public Law 108-773, Section 124, Military Construction Appropriations Act, 2005. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 06 are expected to exceed \$35,000 per dwelling unit.

A newly developed Army Strategy for long-term GFOQ management includes privatization of many of our assets, i.e. Fort Meade and Fort Belvoir, which are already privatized, as well as whole house major repairs for those assets anticipated to be retained long-term, i.e. Fort Myer and Fort McNair. As Fort McNair assets are in extremely poor condition, six of these have been included for major repairs in the FY06 program and seven in the FY07 program. Fort Myer assets will be submitted for major repairs beginning in FY08. Thus the GFOQ plan for FY06 includes thirty-five GFOQs with a total maintenance and repair cost of \$11,444,200. 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. The majority of our GFOQs were built prior to the 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, 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 will critically impact the condition of quarters and may render them uninhabitable.

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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ILLINOIS

Rock Island Arsenal
 (PN 61871)

4 TERRACE DRIVE	6,985	yes	1872	\$156,100	-	\$800
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Operations - \$19,500; Total O&M - \$175,600

Maintenance and repairs including service orders - \$6,000;
 routine maintenance and repairs, including change of occupancy
 maintenance - \$10,500; interior painting - \$7,000; self help -
 \$500; grounds maintenance - \$500; incidental improvements -
 \$800; major repairs including: Window Renovation - \$130,000;
 design - \$800.

NEW YORK

West Point

101 Jefferson Rd	4,400	yes	1819	\$87,000	-	-
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Operations - \$24,900; Total O&M - \$111,900

Maintenance and repairs including service orders - \$8,000;
 routine maintenance and repairs, including change of occupancy
 maintenance - \$34,000; interior painting - \$35,000; grounds
 maintenance - \$10,000.

DISTRICT OF COLUMBIA

Fort McNair

(PN 62343)

Quarters 1

201 Second Ave	3,184	yes	1903	\$1,491,000	-	\$3,000
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Operations - \$37,500 Total O&M - \$1,528,500

Maintenance and repairs including service orders - \$10,000;
 routine maintenance and repairs including change of occupancy
 maintenance - \$30,000; interior painting - \$15,000; self-help -
 \$3,000; grounds maintenance - \$10,000; incidental improvements -
 \$3,000; major repairs including: Whole renovation (interior &
 exterior - exclude kitchen, master bath & 2nd floor guest bath) -
 \$1,420,000.

(PN 62347)

Quarters 3

209 Second Ave.	3,184	yes	1903	\$1,683,000	-	\$3,000
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Operations/Utilities - \$33,200 Total O&M - \$1,716,200

Maintenance and repairs including service orders - \$10,000;
 routine maintenance and repairs including change of occupancy
 maintenance - \$15,000; grounds maintenance - \$10,000; incidental
 improvements - \$3,000; major repairs include whole house
 interior and exterior repairs - \$1,645,000.

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS LEASE	WORK

DISTRICT OF COLUMBIA (cont'd)
 Fort McNair (cont'd)

(PN 62348)

Quarters 4

213 Second Ave. 3,169 yes 1903 \$1,643,000 - \$3,000
 Operations/Utilities - \$33,200 Total O&M - \$1,676,200
 Maintenance and repairs including service orders - \$10,000;
 routine maintenance and repairs including change of occupancy
 maintenance - \$15,000; self-help - \$3,000; grounds maintenance -
 \$10,000; incidental improvements - \$3,000; major repairs include
 whole house interior and exterior repairs - \$1,602,000.

Quarters 6

221 Second Ave. 3,184 yes 1903 \$71,000 - \$3,000
 Operations/Utilities - \$37,500 Total O&M - \$108,500;
 Maintenance and repairs including service orders - \$10,000;
 routine maintenance and repairs including change of occupancy
 maintenance - \$30,000; interior painting - \$15,000; self-help -
 \$3,000; grounds maintenance - \$10,000; incidental improvements -
 \$3,000

(PN 62353)

Quarters 9

233 Second Ave. 4,278 yes 1903 \$1,511,000 - \$3,000
 Operations/Utilities - \$44,300 Total O&M - \$1,555,300
 Maintenance and repairs including service orders - \$10,000;
 routine maintenance and repairs including change of occupancy
 maintenance - \$40,000; interior painting - \$25,000; self-help -
 \$3,000; grounds maintenance - \$10,000; incidental improvements -
 \$3,000; major repairs including: Whole renovation (interior &
 exterior - exclude kitchen, master bath & 2nd floor guest bath) -
 \$1,420,000.

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA (cont'd)

Fort McNair (cont'd)

(PN 62359)

Quarters 12

245 Second Ave.	3,169	yes	1903	\$1,491,000	-	\$3,000
Operations/Utilities - \$37,500		Total O&M - \$1,528,500				
Maintenance and repairs including service orders - \$10,000;						
routine maintenance and repairs including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self-help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000; major repairs including: Whole renovation (interior &						
exterior - exclude kitchen, master bath & 2 nd floor guest bath) -						
\$1,420,000.						

(PN 62360)

Quarters 13

249 Second Ave.	3,169	yes	1903	\$1,491,000	-	\$3,000
Operations/Utilities - \$37,500		Total O&M - \$1,528,500				
Maintenance and repairs including service orders - \$10,000;						
routine maintenance and repairs including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self-help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000; major repairs including: Whole renovation (interior &						
exterior - exclude kitchen, master bath & 2 nd floor guest bath) -						
\$1,420,000.						

VIRGINIA

Fort Myer

Quarters 1

206 Washington Ave	8,460	yes	1899	\$91,000	-	\$3,000
Operations - \$42,500		Total O&M - \$133,500				
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$40,000; interior painting - \$25,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

Quarters 2

202 Washington Ave	3,618	yes	1899	\$86,000	-	\$3,000
Operations -	\$41,800			Total O&M -		\$127,800
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$25,000; interior painting - \$15,000; exterior						
painting - \$20,000; self help - \$3,000; grounds maintenance -						
\$10,000; incidental improvements - \$3,000.						

Quarters 5

114 Grant Ave	3,405	yes	1903	\$86,000	-	\$3,000
Operations -	\$29,700			Total O&M -		\$115,700
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$25,000; interior painting - \$15,000; exterior						
painting - \$20,000; self help - \$3,000; grounds maintenance -						
\$10,000; incidental improvements - \$3,000.						

Quarters 6

110 Grant Ave	7,365	yes	1908	\$111,000	-	\$3,000
Operations -	\$42,400			Total O&M -		\$153,400
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$35,000; interior painting - \$25,000; exterior						
painting - \$25,000; self help - \$3,000; grounds maintenance -						
\$10,000; incidental improvements - \$3,000.						

Quarters 7

106 Grant Ave	4,707	yes	1909	\$106,000	-	\$3,000
Operations -	\$42,300			Total O&M -		\$148,300
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$35,000; interior painting - \$25,000; exterior						
painting - \$20,000; self help - \$3,000; grounds maintenance -						
\$10,000; incidental improvements - \$3,000.						

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)
 Fort Myer (cont'd)

Quarters 8

102 Grant Ave	4,255	yes	1903	\$86,000	-	\$3,000
Operations -	\$37,400	Total O&M - \$123,400				
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$35,000; interior painting - \$25,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						

Quarters 12A

317 A Jackson Ave	2,701	yes	1892	\$66,000	-	\$3,000
Operations -	\$32,400	Total O&M - \$98,400				
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$25,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						

Quarters 12B

317 B Jackson Ave	2,774	yes	1892	\$71,000	-	\$3,000
Operations -	\$32,400	Total O&M - \$103,400				
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						

Quarters 13A

313 A Jackson Ave	1,980	yes	1903	\$66,000	-	\$3,000
Operations -	\$32,400	Total O&M - \$98,400				
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$25,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS LEASE	WORK
VIRGINIA (cont'd)						
Fort Myer (cont'd)						
Quarters 13B						
	313 B Jackson Ave	1,973	yes	1903	\$71,000	\$3,000
	Operations -	\$32,400			Total O&M -	\$103,400
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						
Quarters 14A						
	309 A Jackson Ave	1,998	yes	1903	\$71,000	\$3,000
	Operations -	\$32,400			Total O&M -	\$103,400
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						
Quarters 14B						
	309 B Jackson Ave	1,927	yes	1903	\$71,000	\$3,000
	Operations -	\$32,400			Total O&M -	\$103,400
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						
Quarters 15A						
	305 A Jackson Ave	2,535	yes	1908	\$71,000	\$3,000
	Operations -	\$32,400			Total O&M -	\$103,400
Maintenance and repairs including service orders - \$10,000						
routine maintenance and repairs, including change of occupancy						
maintenance - \$30,000; interior painting - \$15,000; self help -						
\$3,000; grounds maintenance - \$10,000; incidental improvements -						
\$3,000.						

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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VIRGINIA (cont'd)

Fort Myer (cont'd)

Quarters 15B

305 B Jackson Ave	2,324	yes	1908	\$71,000	-	\$3,000
Operations -	\$32,400			Total O&M -		\$103,400

Maintenance and repairs including service orders - \$10,000
 routine maintenance and repairs, including change of occupancy
 maintenance - \$30,000; interior painting - \$15,000; self help -
 \$3,000; grounds maintenance - \$10,000; incidental improvements -
 \$3,000.

Quarters 16A

301 A Jackson Ave	2,463	yes	1908	\$71,000	-	\$3,000
Operations -	\$32,200			Total O&M -		\$103,200

Maintenance and repairs including service orders - \$10,000
 routine maintenance and repairs, including change of occupancy
 maintenance - \$30,000; interior painting - \$15,000; self help -
 \$3,000; grounds maintenance - \$10,000; incidental improvements -
 \$3,000.

Quarters 16B

301-B Jackson Ave	2,463	yes	1908	\$66,000	-	\$3,000
Operations/Utilities -	\$32,400			Total O&M -		\$98,400

Maintenance and repairs including service orders - \$10,000;
 routine maintenance and repairs including change of occupancy
 maintenance - \$25,000; interior painting - \$15,000; self-help -
 \$3,000; grounds maintenance - \$10,000; incidental improvements -
 \$3,000.

BELGIUM

NSSG/Chievres

1 Chateau Gendebien	10,010	no	1892	\$43,100	-	-
Operations -	\$62,200;			Total O&M -		\$105,300

Maintenance and repairs including service orders - \$13,100;
 routine maintenance and repairs, including change of occupancy
 maintenance - \$22,000; interior painting - \$8,000.

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Germany (cont'd)

Stuttgart (cont'd)

(PN 62040)

70 Florida Strasse Bldg. 2434	1,496	No	1957	\$85,300	-	-
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Operations - \$12,200; Total O&M - \$97,500

Maintenance and repairs including service calls - \$5,100; self help - \$200; major repairs include replacement of the heating and electrical systems - \$80,000.

(PN 62044)

73 Florida Strasse Bldg. 2439	1,636	No	1957	\$39,800	-	-
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Operations - \$19,400; Total O&M - \$59,200

Maintenance and repairs including service calls - \$4,300; routine maintenance and repairs, including change of occupancy maintenance - \$1,900; interior painting - \$3,000; self-help - \$200; grounds maintenance - \$400; major repairs include replacement of the deteriorating sewer system - \$30,000

PN 62041)

79 Florida Strasse Bldg. 2445	1,636	no	1957	\$38,700	-	-
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Operations - \$17,600; Total O&M - \$56,300

Maintenance and repairs including service calls - \$3,800; routine maintenance and repairs, including change of occupancy maintenance - \$900; interior painting - \$3,400; self help - \$200; grounds maintenance - \$400; major repairs include replacement of the deteriorating interior water pipes - \$30,000.

(PN 62042)

81 Florida Strasse Bldg. 2447	1,636	no	1957	\$37,100	-	-
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Operations - \$17,700; Total O&M - \$54,800

Maintenance and repairs including service calls - \$2,700; routine maintenance and repairs, including change of occupancy maintenance - \$900; interior painting - \$2,900; self help - \$200; grounds maintenance - \$400; major repairs include replacement of the deteriorating interior water pipes - \$30,000

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Germany (cont'd)

Stuttgart (cont'd)

(PN 58755)

82 Florida Strasse	1,636	no	1957	\$83,800	-	-
Bldg. 2446						

Operations - \$18,000; Total O&M - \$101,800
 Maintenance and repairs including service calls - \$3,500; self help - \$300; and major repairs include replacement of the heating, electrical and telephone cabling systems - \$80,000.

(PN 62049)

85 Florida Strasse	2,153	no	1957	\$43,800	-	-
Bldg. 2451						

Operations - \$14,300; Total O&M - \$58,100
 Maintenance and repairs including service calls - \$3,600; self help - \$200; grounds maintenance - \$0; major repairs include replacement of the deteriorating roof - \$40,000.

(PN 62048)

86 Florida Strasse	2,153	no	1957	\$47,800	-	-
Bldg. 2447						

Operations - \$11,900; Total O&M - \$59,700
 Maintenance and repairs including service calls - \$3,500; routine maintenance and repairs, including change of occupancy maintenance - \$800; interior painting - \$2,900; self help - \$200; grounds maintenance - \$400; and major repairs include replacement of the deteriorating roof - \$40,000.

Heidelberg

(PN 62803)

26 Rheinstrasse	7,298	no	1963	\$70,700	-	-
Operations - \$12,000;				Total O&M - \$82,700		

Maintenance and repairs including service calls - \$3,600; self help - \$300; grounds maintenance - \$1,800; major repairs include replacement of electrical wiring and upgrade of electric panels - \$65,000.

ARMY FAMILY HOUSING
 FY 2006 BUDGET REQUEST
 GENERAL FLAG OFFICERS QUARTERS

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
QTRS NO.		FOOTAGE	TORIC	BUILT	REPAIRS LEASE	WORK

JAPAN

(PN 62231)

Camp Zama

1000 Hill Court	4,194	no	1955	\$69,000	-	-
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Operations - \$11,100; Total O&M - \$80,100

Maintenance and repairs including service orders - \$1,000;
 routine maintenance and repairs, including change of occupancy
 maintenance - \$3,700; interior painting - \$4,000; exterior
 painting - \$4,000; grounds maintenance - \$300; major repairs -
 Replace roof - \$56,000.

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Department of the Army
 General and Flag Officers' Quarters
 Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for for Fiscal Year 2006
 (Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Operations Cost	Maint. Cost	Repair Cost	Total O&M > \$35 Cost	Utility Cost	Leasing Cost	Hist.Preser- vation Cost	Total FH O&M Cost
Germany-												
1.0314 EUR	Garmisch	505 / 000	1936	2,583	15.4	17.5	17.5	50.4	5.2			55.6
/ 1 USD	Heidelberg	3750 / 26	1963	7,500	6.4	13.0	56.0	75.4	4.7			80.1
	Mannheim	P2011 / G59	1956	2,364	5.3	6.4	24.7	36.4	6.3			42.7
	Stuttgart	039 / 00 RWS	1922	11,094	15.5	25.3	1,819.2	1,860.0	16.7			1,876.7
	Stuttgart	2435 / 69	1957	1,636	11.5	10.1	17.6	39.2	5.3			44.5
	Stuttgart	2434 / 70	1957	1,636	7.6	5.3	80.0	92.9	4.6			97.5
	Stuttgart	2439 / 73	1957	1,636	14.1	9.8	30.0	53.9	5.3			59.2
	Stuttgart	2445 / 79	1957	1,636	12.0	8.7	30.0	50.7	5.6			56.3
	Stuttgart	2447 / 81	1957	2,153	11.4	7.1	30.0	48.5	6.3			54.8
	Stuttgart	2446 / 82	1957	1,636	12.1	3.8	80.0	95.9	5.9			101.8
	Stuttgart	2451 / 85	1957	2,153	7.2	3.8	40.0	51.0	7.1			58.1
	Stuttgart	2450 / 86	1957	2,153	6.6	7.8	40.0	54.4	5.3			59.7
Belgium	NSSG/Chievres	PQ0001 / 001	1892	10,010	33.3	43.1	0.0	76.4	28.9			105.3
Korea	Yongsan	4421	1952	3,066	12.7	18.7	8.0	39.4	5.6			45.0
Korea	Yongsan	4433	1952	4,252	13.3	23.2	8.0	44.5	5.8			50.3
Korea	Yongsan	7047B	1959	2,070	11.5	21.2	5.0	37.7	2.7			40.4
Korea	Yongsan	7080	1958	2,269	11.5	21.2	7.0	39.7	5.2			44.9
Korea	Yongsan	7084	1958	2,406	18.8	17.2	5.0	41.0	5.2			46.2
Korea	Yongsan	7085	1958	2,517	18.9	17.2	5.0	41.1	5.2			46.3
Japan	Camp Zama	1000	1955	4,194	9.1	13.0	56.0	78.1	2.0			80.1
DC	Fort McNair	NPG01/ 001	1903	3,184	28.1	71.0	1,420.0	1,519.1	9.4			1,528.5
DC	Fort McNair	NPG02/ 002	1905	3,184	28.1	35.0	0.0	63.1	9.4			72.5
DC	Fort McNair	NPG03/ 003	1903	3,184	23.8	38.0	1,645.0	1,706.8	9.4			1,716.2
DC	Fort McNair	NPG04/ 004	1903	3,169	23.8	41.0	1,602.0	1,666.8	9.4			1,676.2
DC	Fort McNair	NPG05/ 005	1903	3,197	28.1	35.0	0.0	63.1	9.4			72.5
DC	Fort McNair	NPG06/ 006	1903	3,184	28.1	71.0	1,420.0	1,519.1	9.4			1,528.5
DC	Fort McNair	NPG07/ 007	1903	4,436	33.1	35.0	0.0	68.1	12.9			81.0
DC	Fort McNair	NPG08/ 008	1903	4,057	23.1	35.0	0.0	58.1	9.4			67.5
DC	Fort McNair	NPG09/ 009	1903	4,278	33.1	91.0	1,420.0	1,544.1	11.2			1,555.3
DC	Fort McNair	NPG10/ 010	1903	3,169	23.1	35.0	0.0	58.1	9.4			67.5

Department of the Army
 General and Flag Officers' Quarters
 Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit for for Fiscal Year 2006
 (Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Operations Cost	Maint. Cost	Repair Cost	Total O&M > \$35 Cost	Utility Cost	Leasing Cost	Hist.Preser- vation Cost	Total FH O&M Cost
DC	Fort McNair	NPG11/ 011	1903	3,169	23.1	35.0	0.0	58.1	9.4			67.5
DC	Fort McNair	NPG12/ 012	1903	3,169	28.1	71.0	1,420.0	1,519.1	9.4			1,528.5
DC	Fort McNair	NPG13/ 013	1903	3,169	28.1	71.0	1,420.0	1,519.1	9.4			1,528.5
DC	Fort McNair	NPG14/ 014	1903	3,169	23.1	35.0	0.0	58.1	9.4			67.5
DC	Fort McNair	NPG15/ 015	1903	3,169	23.1	35.0	0.0	58.1	9.4			67.5
NJ	Picatinny Arsenal	00000/ 112	1909	4,334	20.8	5.0	11.5	37.3	8.4			45.7
NY	West Point	W0100/ 000	1820	10,000	27.0	35.0	0.0	62.0	6.7			68.7
NY	West Point	W0101/ 000	1819	4,400	18.2	87.0	0.0	105.2	6.7			111.9
NY	West Point	W0102/ 000	1857	6,000	18.3	35.0	0.0	53.3	6.7			60.0
VA	Fort Monroe	157/ 157	1911	4,350	8.6	32.5	0.0	41.1	9.0			50.1
VA	Fort Monroe	118/ 118	1908	4,666	6.6	34.0	0.0	40.6	9.0			49.6
VA	Fort Monroe	119/ 119	1907	8,134	9.1	34.5	0.0	43.6	15.7			59.3
VA	Fort Monroe	120/ 120	1907	4,666	17.1	32.5	0.0	49.6	9.9			59.5
VA	Fort Monroe	121/ A	1907	4,733	12.6	32.5	0.0	45.1	8.2			53.3
VA	Fort Monroe	142/ 142	1910	3,556	7.1	35.0	0.0	42.1	8.2			50.3
VA	Fort Monroe	141/ 141	1910	3,556	19.6	32.0	0.0	51.6	8.2			59.8
VA	Fort Monroe	101/ A	1906	3,894	9.1	35.0	0.0	44.1	8.2			52.3
VA	Fort Monroe	101/ B	1906	3,894	6.6	35.0	0.0	41.6	8.2			49.8
VA	Fort Monroe	102/ A	1906	3,894	11.1	30.0	0.0	41.1	10.0			51.1
VA	Fort Monroe	124/ A	1909	4,733	12.6	32.5	0.0	45.1	8.2			53.3
VA	Fort Monroe	125/ 125	1909	4,666	6.6	35.0	0.0	41.6	10.6			52.2
VA	Fort Myer	PG008/ 008	1903	4,255	28.1	86.0	0.0	114.1	9.3			123.4
VA	Fort Myer	PG007/ 007	1909	4,707	33.0	106.0	0.0	139.0	9.3			148.3
VA	Fort Myer	PG006/ 006	1908	7,365	33.1	111.0	0.0	144.1	9.3			153.4
VA	Fort Myer	PG005/ 005	1903	3,405	23.1	86.0	0.0	109.1	6.6			115.7
VA	Fort Myer	PG016/ 16A	1908	2,463	22.9	71.0	0.0	93.9	9.3			103.2
VA	Fort Myer	PG016/ 16B	1908	2,463	23.1	66.0	0.0	89.1	9.3			98.4
VA	Fort Myer	PG015/ 15A	1908	2,535	23.1	71.0	0.0	94.1	9.3			103.4
VA	Fort Myer	PG015/ 15B	1908	2,324	23.1	71.0	0.0	94.1	9.3			103.4
VA	Fort Myer	PG014/ 14A	1903	1,998	23.1	71.0	0.0	94.1	9.3			103.4
VA	Fort Myer	PG014/ 14B	1903	1,927	23.1	71.0	0.0	94.1	9.3			103.4
VA	Fort Myer	PG013/ 13A	1903	1,980	23.1	66.0	0.0	89.1	9.3			98.4
VA	Fort Myer	PG013/ 13B	1903	1,973	23.1	71.0	0.0	94.1	9.3			103.4

Department of the Army
General and Flag Officers' Quarters
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VA	Fort Myer	PG012/ 12A	1892	2,701	23.1	66.0	0.0	89.1	9.3			98.4
VA	Fort Myer	PG012/ 12B	1892	2,774	23.1	71.0	0.0	94.1	9.3			103.4
VA	Fort Myer	PG011/ 11A	1892	2,742	16.1	35.0	0.0	51.1	9.3			60.4
VA	Fort Myer	PG011/ 11B	1892	2,951	23.2	28.0	0.0	51.2	10.0			61.2
VA	Fort Myer	PG027/ 27A	1903	3,715	23.1	35.0	0.0	58.1	10.7			68.8
VA	Fort Myer	PG027/ 27B	1903	2,718	23.0	35.0	0.0	58.0	10.7			68.7
VA	Fort Myer	PS019/ 19A	1932	2,108	12.6	35.0	0.0	47.6	9.4			57.0
VA	Fort Myer	PS019/ 19B	1932	1,796	12.6	35.0	0.0	47.6	9.4			57.0
VA	Fort Myer	PG026/ 26A	1896	2,999	15.9	35.0	0.0	50.9	10.1			61.0
VA	Fort Myer	PG025/ 25B	1896	2,594	12.6	35.0	0.0	47.6	10.1			57.7
VA	Fort Myer	PG024/ 24B	1896	2,682	11.1	35.0	0.0	46.1	10.1			56.2
VA	Fort Myer	PG023/ 23A	1896	2,778	16.1	35.0	0.0	51.1	10.1			61.2
VA	Fort Myer	PG002/ 002	1899	3,618	33.1	86.0	0.0	119.1	8.7			127.8
VA	Fort Myer	PG001/ 001	1899	8,460	33.1	91.0	0.0	124.1	9.4			133.5
IL	Rock Island Arsenal	0001/ .	1872	19,105	9.1	35.0	0.0	44.1	10.8			54.9
IL	Rock Island Arsenal	004/ -	1872	6,985	13.0	25.3	130.8	169.1	6.5			175.6
KS	Fort Leavenworth	00001/ 01	1861	5,545	6.1	34.6	0.0	40.7	6.4			47.1
KS	Fort Leavenworth	00002/ 02	1883	4,177	8.8	34.6	0.0	43.4	6.4			49.8
KS	Fort Leavenworth	00005/ 05	1841	4,966	3.9	34.7	0.0	38.6	4.4			43.0
GA	Fort McPherson	00005/ 000	1889	5,077	11.6	24.1	0.0	35.7	7.7			43.4
GA	Fort McPherson	00010/ 000	1891	7,327	11.2	24.8	0.0	36.0	10.0			46.0
GA	Fort McPherson	00012/ W	1891	2,757	10.8	24.6	0.0	35.4	6.0			41.4
GA	Fort McPherson	00013/ W	1891	2,757	13.5	24.5	0.0	38.0	7.3			45.3
GA	Fort McPherson	00015/ E	1904	4,037	12.9	24.2	0.0	37.1	7.4			44.5
GA	Fort McPherson	00015/ W	1904	4,037	14.5	24.8	0.0	39.3	7.3			46.6
GA	Fort McPherson	00017/ E	1892	3,885	11.1	24.9	0.0	36.0	4.4			40.4
GA	Fort McPherson	00017/ W	1892	3,885	11.1	24.9	0.0	36.0	4.4			40.4
GA	Fort McPherson	00019/ E	1892	3,885	16.1	24.9	0.0	41.0	6.5			47.5
GA	Fort McPherson	00019/ W	1892	3,885	14.1	24.9	0.0	39.0	6.8			45.8
GA	Fort McPherson	00020/ 000	1904	5,081	16.7	24.9	0.0	41.6	8.0			49.6
TOTAL UNITS:		93			\$1,628	\$3,630	\$12,848	\$18,106	\$783			\$18,889

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ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 UTILITIES ACCOUNT

(\$ in Thousands)	
FY 2006 Budget Request	\$131,860
FY 2005 Current Estimate	\$142,893
FY 2005 Appropriation	\$132,356

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.

The annual energy consumption reduction goal of 1.5 percent 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.

Fuel price adjustments and non-pay inflation are computed at the OSD prescribed rates.

EFFECT OF PRIVATIZATION

Inventory reductions are due to privatization and continuing efforts to divest housing, which is excess to requirements or is not economically feasible to repair. Increase FY05 current estimate by \$10,537,000 due to high utility costs as reflected in FY04 actuals.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 UTILITIES (Continued)
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 2004 Obligation	[192,593]
2. FY 2005 Appropriation	132,356
3. Reprogramming: Due to high utility costs shown in FY 04 actual	10,537
4. FY 2005 Current Estimate	142,893
5. Price Adjustments:	15,537
a. Non-Pay Inflation	2,694
b. Fuel Inflation	201
c. Foreign Currency -Pricing	12,642
6. Program Adjustments:	-26,570
a. Decrease due to inventory reduction	-24,833
b. Energy Conservation	-1,737
7. FY 2006 Budget Request	131,860

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 LEASING ACCOUNT

(\$ in Thousands)

FY 2006 Budget Request	\$213,990
FY 2005 Current Estimate	\$207,316
FY 2005 Appropriation	\$218,033

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. 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 program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

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 and overseas, the Army leases housing that the service members cannot ordinarily afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of \$213,990 to fund leases and related expenses in FY 2006. A summary of the leasing program follows:

Lease Type	FY 2004 (Actual)		FY 2005 (Appropriated)		FY 2006 (Request)	
	Leases Supported	Cost \$000	Leases Supported	Cost \$000	Leases Supported	Cost \$000
Domestic	1,417	17,996	1,401	17,809	1,020	15,114
Section 2835	4,080	60,689	4,080	60,689	4,080	62,388
Foreign less GRHP	7,278	121,994	7,384	134,309	7,875	131,389
GRHP	267	4,913	223	5,226	215	5,099
Total	13,042	205,592	13,088	218,033	13,190	213,990

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

JUSTIFICATION:

Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. This also includes the leasing program for geographically displaced soldiers and families from the US Army Recruiting Command, Cadet Command, and the Active Components Reserve Component programs. Leases in this category are expected to decrease in FY 2006 by 391 units. Following FY 2005, this leasing program is ramping down as Basic Allowance for Housing (BAH) rate increases reach the point where soldiers no longer pay out-of-pocket for rental housing. It is anticipated that more soldiers will rely on the private sector for housing.

Section 2835. The Army leases family housing 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). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family-housing deficit at installations where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 2006 budget request includes 4,080 occupied units.

Foreign Leasing. The FY 2006 total foreign leasing program request consists of 8,090 leased units. The majority of foreign leases are in Germany.

Under the Governmental Rental Housing Program (GRHP), the U.S. Government leases existing, individual housing units. In FY 2006 the Army leases 215 of these. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers' tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

PROGRAM ADJUSTMENTS

During FY 2004, the overall leasing execution was 15% below the FY 2004 appropriation. The low execution of the program can be contributed to reduction in the Independent Duty program, and GRHP leasing. This action, along with the fact that new leases added to the leasing program in FY 2004 came in at less than average cost per unit, this led to reducing the leasing program by approximately \$11,000,000 overall in FY 2005. The reduction from the current estimate in FY 2005 can also be partially attributed to the increases of Basic Allowance for Housing (BAH).

In FY 2006 The increase in BAH and the 1/3 reduction (391 units) in the Independent Duty program, reflect the difference between BAH rates and the national median cost of housing adjustments is working. Movement of troops in Europe will require an increase of 386 units as families move south to locations where quarters are less available.

EFFECT OF PRIVATIZATION

Housing privatization program has no effect on the leasing account, because current plans do not include leases in any privatization project.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 2004 Obligation	[205,592]
2. FY 2005 Appropriation	218,033
3. Reprogramming: Funds transferred to Currency Central Managed Allotment (CMA)	-10,717
4. FY 2005 Current Estimate	207,316
5. Price Adjustment:	7,324
a. Non-Pay Inflation	3,654
b. Pay Inflation	147
c. One less compensatory day	-22
d. Foreign Currency - pricing	22,545
e. Price reduction due to cost savings with foreign leases	-19,000
6. Program Adjustments:	-650
a. Decrease in number of independent duty leases by 391 units; 1/3 phase out.	-5,507
b. Increase number of GRHP leases in Korea by 7	254
c. Decrease number of Korean leases by 24 units	-579
d. Decrease number of GRHP lease in Europe by 15	-244
e. Increase number of Europe leases by 386 units	5,426
7. FY 2006 Budget Request	213,990

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

	FY 2004 (Actual)			FY 2005 (Appropriated)			FY 2006 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
<u>DOMESTIC LEASING</u>									
Independent Duty	1,202	14,424	14,751	1,185	14,220	14,542	794	9,528	11,183
Hattiesburg	93	1,116	1,340	93	1,116	1,340	93	1,116	1,502
Miami FL	120	1,440	1,875	120	1,440	1,875	130	1,560	2,374
Milan TN	1	12	14	1	12	14	1	12	15
Newport IN	1	12	16	1	12	16	1	12	17
Sunny Point NC	0	0	0	1	12	22	1	12	23
Subtotal Domestic	1,417	17,004	17,996	1,401	16,812	17,809	1,020	12,240	15,114
Section 2835 (801)									
Bliss	300	3,600	3,930	300	3,600	3,930	300	3,600	4,041
Bragg	250	3,000	2,931	250	3,000	2,931	250	3,000	3,013
Drum	2,000	24,000	29,445	2,000	24,000	29,445	2,000	24,000	30,269
Hood	300	3,600	2,435	300	3,600	2,435	300	3,600	2,504
McCoy	80	960	1,727	80	960	1,727	80	960	1,775
Polk	600	7,200	5,902	600	7,200	5,902	600	7,200	6,067
Wainwright	550	6,600	14,319	550	6,600	14,319	550	6,600	14,719
Subtotal Section 2835	4,080	48,960	60,689	4,080	48,960	60,689	4,080	48,960	62,388
Total Domestic Leasing	5,497	65,964	78,685	5,481	65,772	78,498	5,100	61,200	77,502
<u>FOREIGN LEASING</u>									
EUSA									
Korea	1,100	13,200	27,221	1,076	12,912	26,293	1,052	12,624	25,379
GRHP	11	132	399	73	876	2,615	80	960	2,903
Total Korea	1,111	13,332	27,620	1,149	13,788	28,908	1,132	13,584	28,282
USAREUR									
Belgium	302	3,624	6,081	334	4,008	6,641	444	5,328	9,494
Germany	4,800	57,600	69,371	4,819	57,828	68,771	5,205	62,460	73,167
Italy	660	7,920	9,889	660	7,920	9,765	660	7,920	9,890
Netherlands	312	3,744	6,407	354	4,248	7,180	374	4,488	7,952
Subtotal USAREUR	6,074	72,888	91,748	6,167	74,004	92,357	6,683	80,196	100,503
GRHP	256	3,072	4,514	150	1,800	2,612	135	1,620	2,196
Total USAREUR	6,330	75,960	96,262	6,317	75,804	94,969	6,818	81,816	102,699

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

	FY 2004 (Actual)			FY 2005 (Appropriated)			FY 2006 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
OTHER FOREIGN SUPPORT PROGRAMS									
Addis Ababa	1	12	33	1	12	38	1	12	39
Amman	5	60	138	5	60	157	5	60	157
Ankara	11	132	340	11	132	388	11	132	400
Athens	5	60	131	5	60	149	5	60	152
Bosnia	1	12	24	1	12	28	1	12	29
Bucharest	3	36	62	3	36	71	3	36	75
Budapest	2	24	67	2	24	76	2	24	79
Bulgaria	1	12	16	1	12	18	1	12	19
Cairo	2	24	29	2	24	33	2	24	34
Czech Republic (Prague)	2	24	66	2	24	75	2	24	96
Dakar	1	12	33	1	12	38	1	12	39
Denmark (Copenhagen)	2	24	57	2	24	65	2	24	68
Dhaka	1	12	25	1	12	29	1	12	29
DoHa	8	96	298	42	504	1783	42	504	2,144
El Salvador (San Salvador)	3	36	90	3	36	103	3	36	109
Estonia (Tallinn)	1	12	23	1	12	26	1	12	27
Gabarone	1	12	33	1	12	38	1	12	39
Guyana (Georgetown)	1	12	35	1	12	40	1	12	43
Harare	1	12	21	1	12	24	1	12	24
Islamabad	2	24	23	2	24	26	2	24	26
Istanbul	1	12	17	1	12	20	1	12	20
Jakarta	1	12	26	1	12	30	1	12	31
Jamaica (Kingston)	1	12	35	1	12	39	1	12	44
Kenya (Nairobi)	13	156	473	13	156	539	13	156	645
Kuwait City	1	12	28	2	24	63	1	12	33
Lithuania	2	24	63	2	24	72	2	24	76
Macedonia (Skopje)	1	12	17	1	12	20	1	12	21
Manila	1	12	28	1	12	32	1	12	29
Moldova	1	12	20	1	12	23	1	12	24

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

	FY 2004 (Actual)			FY 2005 (Appropriated)			FY 2006 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
Moscow	1	12	48	1	12	54	1	12	37
Muscat	1	12	16	1	12	19	1	12	19
New Delhi	1	12	20	1	12	23	1	12	23
Niamey	1	12	27	1	12	30	1	12	32
Oslo	2	24	66	2	24	75	2	24	79
Paris	4	48	200	4	48	228	4	48	240
Rabat	4	48	60	4	48	68	4	48	70
Slovakia	1	12	22	1	12	25	1	12	26
Slovenia	1	12	20	1	12	23	1	12	24
Stockholm	1	12	23	1	12	26	1	12	27
Tel Aviv	2	24	58	2	24	66	2	24	71
Thsloniki	0	0	0	1	12	0	1	12	14
Tunis	4	48	63	5	60	90	5	60	111
Ukraine (Kiev)	1	12	39	1	12	44	1	12	46
Warsaw	1	12	32	1	12	37	1	12	38
Yaounde	1	12	36	1	12	41	1	12	42
Zagreb	2	24	43	2	24	49	2	24	57
Total Other Foreign	104	1,248	3,024	141	1,692	4,941	140	1,680	5,507
Foreign Currency CMA			[22,407]			10,717			
Total Foreign Leasing	7,545	90,540	126,906	7,607	91,284	139,535	8,090	97,080	136,488
TOTAL LEASING PROGRAM	13,042	156,504	205,591	13,088	157,056	218,033	13,190	158,280	213,990

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 FY 2006 SUMMARY SHEET FOR HIGH COST LEASES

COUNTRY	LEASES	HIGH COST LEASES	FOREIGN CURRENCY	FY 1988 RATE	FY 2006 RATE EURO	**ADJUSTED FY 2006 CAP
BELGIUM	444	13	FRANC	42.77	0.8785	\$43,531
ITALY	660	1	LIRA	1423.00	0.8785	\$30,148
NETHERLANDS	384	2	GUILDER	2.33	0.8785	\$43,407

** The adjusted high cost cap is determined by multiplying \$20,000 by the 1988 exchange rate this amount is then divided by the current budget exchange rate. The amount then has the Consumer Price Index (CPI) percentage added to establish the new 'cap' for rentals in each country. The following countries conversion rates are shown with EURO if applicable for this report. Belgium \$20,000 times 42.77 divided by 49.64 (the Belgium Franc exchange rate) = \$27,778; convert to Euro by multiplying by 1.2325 (Euro) divided by .8785 = \$38,971). Leases exceeding this cap are counted against the number of high cost leases allowed. Belgium \$43,531 Italy \$30,148 and Netherlands \$43,407.

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 2806 of title 10, United States Code.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)

FY 2006 Budget Request	\$20,304
FY 2005 Current Estimate	\$26,644
FY 2005 Appropriation	\$26,644

HOUSING PRIVATIZATION OVERVIEW

MHPI Background

The Department of Army continues to utilize the tools authorized by the Military Housing Privatization Initiatives (MHPI) Act to implement an aggressive family housing privatization program. The goal of this program is to improve the well being of Army families by providing quality, affordable family housing in the United States (U.S.). This program, the Residential Communities Initiative (RCI), is a key component of the Army's strategy to eliminate inadequate family housing in the U.S., and ensure long term sustainment of adequate housing and community facilities for Soldiers and their families.

The Army selects highly qualified private sector business partners to construct, renovate, repair, maintain, and operate family housing, 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. Partnership agreements are for a 50-year period with a 25-year option.

The Army maintains oversight of housing privatization projects through a portfolio and asset management (PAM) process to protect the government's interests and ensure families receive adequate housing. The PAM process tracks compliance with the CDMPs and legal business document, by monitoring plans for construction and development, operations and maintenance, and property management. The PAM process also examines performance factors to assess the financial health and stability of each project.

ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

RCI Program Status

The complete RCI program will include installations and sub-installations, with a projected end state inventory of about 83,700 family housing units - over 92% of the family housing inventory in the U.S. (See details at Exhibit FH-6.)

As of January 2005, the Army has transitioned family housing to privatized operations at 21 locations, with a total projected end state of more than 50,300 houses. (Details in following table.) The Army invested \$291 million in government equity or scoring for these projects, with a scope of work valued at \$5.9 billion during the initial development period. The initial development period, which varies from 3-10 years, is the timeframe in which all homes in a project will be renovated or replaced, to eliminate inadequate housing. The initial development period also may include new construction to reduce the housing deficit.

The Army has conducted in depth portfolio management reviews at all locations that have been privatized. Analyses indicate that all projects are meeting program objectives and remain financially viable.

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
 Privatization Project Awards

Installation	Contract Award *	Type of Financing	\$ M	Term Years	Units Conveyed	Renovated	Replaced	Added
	Transfer Ops							
Ft Carson, CO	Award Sep-99	Loan Guarantee	\$10.100	50	1,823	Yr 1-5 1,823	Yr 1-5 0	840
	Transfer Nov-99					Yr 6-50 840	Yr 6-50 1,823	
Ft Hood, TX	Award Apr-01	Direct Investment	\$52.000	50	5,622	Yr 1-5 4,939	Yr 1-5 683	290
	Transfer Oct-01					Yr 6-50 3,326	Yr 6-50 2,586	
Ft Lewis, WA	Award Oct-01	None	\$0.000	50	3,637	Yr 1-10 2,610	Yr 1-10 608	345
	Transfer Apr-02					Yr 11-50 1,435	Yr 11-50 2,547	
Ft Meade, MD	Award Dec-01	None	\$0.000	50	2,862	Yr 1-10 422	Yr 1-10 2,440	308
	Transfer May-02					Yr 11-50 112	Yr 11-50 3,058	
Ft Bragg, NC	Award May-02	Direct Investment	\$49.437	50	4,744	Yr 1-10 801	Yr 1-10 1,818	834
	Transfer Aug-03					Yr 11-50 3,787	Yr 11-50 1,791	

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
 Privatization Project Awards (Continued)

Installation	Contract Award *	Type of Financing	\$ M	Term Years	Units Conveyed	Renovated	Replaced	Added
	Transfer Ops							
Presidio of Monterey / Navy Postgraduate School, CA	Award Jul-02	None	\$0.000	50	2,209	Yr 1-8 41	Yr 1-8 2,168	0
	Transfer Oct-03					Yr 9-50 2,209	Yr 9-50 2,168	
Ft Stewart / Hunter Army Airfield, GA	Award Nov-02	Direct Investment	\$37.374	50	2,926	Yr 1-8 1,597	Yr 1-8 1,092	776
	Transfer Nov-03					Yr 9-50 71	Yr 9-50 3,631	
Ft Campbell, KY	Award Aug-02	Direct Investment	\$60.105	50	4,230	Yr 1-9 1,367	Yr 1-9 1,326	25
	Transfer Dec-03					Yr 10-50 3,684	Yr 10-50 1,741	
Ft Belvoir, VA	Award Sep-02	None	\$0.000	50	2,070	Yr 1-8 170	Yr 1-8 1,630	0
	Transfer Dec-03					Yr 9-50 170	Yr 9-50 1,900	
Ft Irwin / Moffett Fed Airfield / Parks RFTA, CA	Award Oct-02	None	\$0.000	50	2,290	Yr 1-8 75	Yr 1-8 494	516
	Transfer Mar-04					Yr 9-50 3,843	Yr 9-50 1,535	

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
 Privatization Project Awards (Continued)

Installation	Contract Award *	Type of Financing	\$ M	Term Years	Units Conveyed	Renovated	Replaced	Added
	Transfer Ops							
Ft Hamilton, NY	Award Apr-03	Direct Investment	\$2.175	50	228	Yr 1-3 6	Yr 1-3 222	0
	Transfer Jun-04					Yr 4-50 228	Yr 4-50 0	
Ft Detrick, MD / Walter Reed Army Med Ctr, DC	Award Jul-03	Direct Investment	\$1.285	50	405	Yr 1-5 106	Yr 1-5 298	558
	Transfer Jul-04					Yr 6-50 382	Yr 6-50 638	
Ft Polk, LA	Award Apr-03	Direct Investment	\$53.650	50	3,430	Yr 1-10 2,367	Yr 1-10 732	391
	Transfer Sep-04	Loan Guarantee	\$10.350			Yr 11-50 1,123	Yr 11-50 2,698	
Ft Shafter / Schofield Barracks, HI	Award Aug-03	None	\$0.000	50	8132 (incl Army, USMC, USCG)	Yr 1-10 3,816	Yr 1-10 4,078	-238
	Transfer Oct-04					Yr 11-50 15,439	Yr 11-50 7,408	
Ft Eustis / Ft Story, VA	Award Jan-03	Direct Investment	\$1.285	50	1,115	Yr 1-6 519	Yr 1-6 596	9
	Transfer Nov-04					Yr 7-50 178	Yr 7-50 1,117	

*Award contract to development partner of Community Development and Management Plan (CDMP).

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Exhibit FH-6. Family Housing Privatization

Privatization Date	Installation/Project	Conveyed Units	End-State	Scored Cost (\$M)	Expected Source of Funds				Authorities (Use key below)
					Amount (\$M)	Budget Year	Type	Project	
Nov-99	Fort Carson	1,823	2,664	\$10.131	\$16.500	FY96	Construction	Fort Carson (\$10.1M) - \$5.6M to Fort Hood	1,4
Oct-01	Fort Hood	5,622	5,912	\$52.000	\$5.600	FY96	Construction	from Fort Carson	2,4
					\$18.600	FY98	Construction	Fort Hood	
					\$21.600	FY99	Construction	Fort Hood	
					\$6.200	FY01	Currency	from Foreign Currency fluctuation	
Apr-02	Fort Lewis	3,637	3,982	\$0.000	\$0.000				4
May-02	Fort Meade	2,862	3,170	\$0.000	\$7.900	FY98	Construction	Fort Meade to Fort Campbell	4
Aug-03	Fort Bragg	4,744	5,578	\$49.437	\$49.437	FY02	Improvements	Fort Bragg	2,4
Oct-03	Presidio of Monterey/Navy Postgrad School	2,209	2,209	\$0.000	\$0.000				4
Nov-03	Fort Stewart/Hunter AAF	2,926	3,702	\$37.374	\$37.374	FY02	Improvements	Fort Stewart/HAAF	2,4
Dec-03	Fort Campbell	4,230	4,255	\$60.105	\$52.205	FY02	Improvements	Fort Campbell	2,4
					\$7.900	FY04	Construction	from Fort Meade	
Dec-03	Fort Belvoir	2,070	2,070	\$0.000	\$8.700	FY03	Improvements	Rescinded \$8.7M in FY04	4
Mar-04	Fort Irwin/Moffett Fed Airfield/Parks RFTA	2,290	2,806	\$0.000					4
Jun-04	Fort Hamilton	228	228	\$2.175	\$2.175	FY02	Improvements	Fort Hamilton	2,4
Jul-04	Walter Reed AMC/Fort Detrick	405	963	\$1.285	\$0.099	FY02	Improvements	WRAMC	2,4
					\$1.186	FY02	Improvements	Fort Detrick	
Sep-04	Fort Polk	3,430	3,821	\$64.000	\$64.000	FY02	Improvements	Fort Polk	1,2,4
Oct-04	Fort Shafter/Schofield Bks	8,132	7,894	\$0.000	\$21.000	FY03	Improvements	Rescinded \$21M in FY04	4
Nov-04	Fort Eustis/Story	1,115	1,124	\$14.800	\$14.800	FY03	Improvements	Fort Eustis/Story	2,4
Mar-05	Fort Leonard Wood	2,242	2,242	\$29.000	\$45.000	FY03	Improvements	Fort Leonard Wood	2,4
								Rescinded \$17.85M in FY05 (against \$21M total)	
					\$1.850	FY05	Improvements	Fort Benning (to offset rescission)	
Apr-05	Fort Drum	2,272	2,809	\$52.000	\$52.000	FY04	Improvements	Fort Drum	2,4
May-05	Fort Sam Houston	925	925	\$6.600	\$6.600	FY04	Improvements	Fort Sam Houston	2,4

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Exhibit FH-6. Family Housing Privatization (Continued)

Privatization Date	Installation/Project	Conveyed Units	End-State	Scored Cost (\$M)	Expected Source of Funds				Authorities (Use key below)
					Amount (\$M)	Budget Year	Type	Project	
May-05	Carlisle Bks/Picatiny Arsnl/Fort Monmouth	1,096	747	\$22.494	\$0.494	FY02	Improvements	Picatiny Arsenal	2,4
					\$22.000	FY04	Improvements	Carlisle Bks	
Jul-05	Fort Bliss/White Sands Missile Range	3,204	3,204	\$42.000	\$38.000	FY04	Improvements	Fort Bliss	2,4
					\$4.000	FY06	Improvements	White Sands MR	
Dec-03	Fort Campbell Phase 2	200	200	\$28.000	\$28.000	FY06	Improvements	Fort Campbell Phase 2	2,4
Mar-04	Fort Irwin/Moffet Fed Airfield/Parks RFTA Phase 2	120	120	\$28.000	\$28.000	FY06	Improvements	Fort Irwin Phase 2	2,4
Jan-06	Fort Benning	3,959	3,959	\$55.150	\$57.000	FY05	Improvements	Fort Benning	2,4
Apr-06	Fort Leavenworth	1,586	1,586	\$15.000	\$15.000	FY05	Improvements	Fort Leavenworth	2,4
Apr-06	Fort Rucker	1,516	1,516	\$24.000	\$24.000	FY05	Improvements	Fort Rucker	2,4
Jul-06	Fort Riley	3,042	3,042	\$67.000	\$67.000	FY06	Improvements	Fort Riley	2,4
Jul-06	Fort Gordon	876	876	\$9.000	\$9.000	FY05	Improvements	Fort Gordon	2,4
Nov-06	Fort McPherson	112	112	\$11.000	\$11.000	FY06	Improvements	Fort McPherson	2,4
Nov-06	Redstone Arsenal	459	459	\$0.590	\$0.590	FY05	Improvements	Redstone Arsenal	2,4
Mar-07	Fort Knox	3,099	3,099	\$31.000	\$31.000	FY05	Improvements	Fort Knox	2,4
Mar-08	US Military Academy	1,001	1,001	\$22.000	\$22.000	FY07	Improvements	USMA	2,4
Jun-08	Aberdeen Proving Ground	1,065	1,065	\$0.000	\$0.000				4
Sep-08	Fort Jackson	1,258	1,258	\$0.000	\$0.000				4
Feb-09	Fort Huachuca/Yuma Proving Ground	2,055	2,055	\$0.000	\$0.000				4
Jun-09	Fort Lee	1,328	1,328	\$0.000	\$0.000				4
Sep-09	Selfridge NGB	501	501	\$0.000	\$0.000				4
Mar-10	Fort Richardson	1,209	1,209	\$46.000	\$46.000	FY09	Improvements	Fort Richardson	2,4
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									

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

\$ In Thousands

1. FY 2004 Obligation	[29,217]	
2. FY 2005 Appropriation		26,644
3. FY 2005 Current Estimate		26,644
4. Price Adjustments:		492
a. Non-Pay Inflation	463	
b. Pay Inflation	31	
c. One less Day Compensation	-2	
5. Program adjustments:		-6,832
a. Decrease in consultant/contracting support costs. Six fewer projects in development plan phase.	-6,946	
b. Reduced in US Army Corps of Engineers workload for real estate and environmental studies (-\$378K), and developer and five fewer developer award fees (-\$1,750K)	-2,128	
c. Installation support costs to comply with new standardized definition for privatization activities. Includes pay, travel, supplies, equipment and facilities to support implementation.	1,595	
d. Increase in portfolio management costs due to five additional installations transitioning to privatized operations.	647	
6. FY 2006 Budget Request		20,304

ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Explanation of Budget Request.

The Army requires \$20.304 million in FY 2006 family housing operations funding to support privatization efforts. Requested funds will provide for civilian pay, travel, environment and real estate surveys, training, real estate and financial consultant services, legal services, procurement costs associated with selecting the development partner, fees to the selected developers for preparation of CDMPs, and portfolio management of privatization projects.

The budget request is based on cost factors associated with staffing and workload projections. The number of projects in various phases of development such as planning, solicitation, preparation of development plans, legal review, transition, and post-closing portfolio management drives workload. The applied cost factors for work components of each phase are based on experience or established fees. The table below summarizes FY 2006 privatization program funding requirements.

	<u>FY 2006 (\$M)</u>
Program Management (pay, travel, and other administrative support at HQ and installations)	\$ 5.899
Real Estate, Finance, and Legal Services	\$ 4.528
Community Development Management Plan Fees	\$ 0.350
U.S. Army Corps of Engineers Services	
Environmental/Real Estate/Procurement	\$ 4.577
Portfolio Management	<u>\$ 4.950</u>
FY 2006 Total	\$20.304

Construction Funds for MHPI. The Army Family Housing Construction (AFHC) budget request for FY 2006 includes funding for scoring and/or direct investment for additional projects shown below. These projects will add 3,926 homes to the privatized inventory. 1391 Forms are in the AFHC improvement section.

	<u>FY 2006 (\$M)</u>
Fort McPherson, GA	\$11.0
Fort Riley, KS	67.0
White Sands Missile Range, NM	4.0
Fort Campbell, KY (Increment)	28.0
Fort Irwin/Moffett Federal	
Airfield/Parks Reserve Forces	
Training Area, CA (Increment)	<u>28.0</u>
FY 2006 Total	\$138.0

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ARMY FAMILY HOUSING
FY 2006 BUDGET ESTIMATE
DEBT PAYMENT ACCOUNT

(\$ in Thousands)

FY 2006 Budget Request	\$0
FY 2005 Current Estimate	\$0
FY 2005 Appropriation	\$1

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

No authorization is required for the appropriation in FY 2006.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980), which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	(\$) ESTIMATED AVERAGE PAYMENT	(\$000) ESTIMATED PAYMENT FOR YEAR
2004	0	1	400.00	1
2005	0	1	400.00	1
2006	1	0	400.00	0

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ARMY FAMILY HOUSING
 FY 2006 BUDGET ESTIMATE
 REIMBURSABLE PROGRAM

(\$ in Thousands)

FY 2006 Budget Request	\$22,000
FY 2005 Current Estimate	\$22,000
FY 2005 Appropriation	\$22,000

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 and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	FY 2004 (Curr. Est)	FY 2005 (Curr. Est)	FY 2006
Non-Federal Sources	14,410	18,480	18,480
Federal Sources	5,590	3,520	3,520

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FY 2006
Budget Estimate

**Homeowners Assistance Fund,
Defense**

**Justification Data Submitted to Congress
February 2005**

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PART III HOMEOWNERS ASSISTANCE

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HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 2006 BUDGET ESTIMATE
SUMMARY

	<u>(In Thousands)</u>
FY 2006 Program/Appropriation	\$ 7,439 / -0-
FY 2005 Program/Appropriation	\$11,253 / -0-

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe 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 appraisals of area properties 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 impact on the market and establishes a causal relationship, a program is implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program 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; or purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

Program Summary

The FY 2006 budget requests no additional authorization of appropriations and appropriations to fund Homeowners Assistance Fund program expenses. Total program estimate for FY 2006 is \$7,439,336 and will be funded with 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.

Program estimates indicate the current HAP financial condition requires no additional funding in FY 2006. This estimate is based on currently identified requirements from unit restationing, base realignments and closures. DoD plans for infrastructure and staff reductions may increase HAP costs in the future.

February 2005

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 2006

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), \$-0- [\$-0-] to become available on October 1, 2006 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 Construction Appropriations Act.

The chart below is a summary of the funding for the FY2004, FY2005 and FY2006
PROGRAM FINANCIAL SUMMARY

	ACTUAL		
	FY 2004	FY 2005	FY 2006
HOMEOWNERS ASSISTANCE FUND, DEFENSE			
PROGRAM RESOURCES			
New Appropriation/TOA Requested	0	0	0
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	0	0	0
Total Budget Authority Requested	0	0	0
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD	17,638,761	14,290,226	5,851,651
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property	1,943,596	2,815,000	2,955,000
Recovery of Prior Year Balances	317,732	0	0
TOTAL PROGRAM RESOURCES	19,900,089	17,105,226	8,806,651
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	879,000	1,439,220	646,544
Other Operating Cost	4,098,863	5,091,355	3,667,792
Acquisition of Real Property	632,000	4,723,000	3,125,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	5,609,863	11,253,575	7,439,336
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	14,290,226	5,851,651	1,367,315