



***Department of the Army
Fiscal Year (FY) 2014
Budget Submission***

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

JUSTIFICATION DATA SUBMITTED TO CONGRESS

April 2013

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TABLE OF CONTENTS

TAB DESCRIPTION	PAGE NUMBER
-----	-----
Part I - MCA	
1. TABLE OF CONTENTS.....	i
2. STATE LIST.....	iii
3. COMMAND SUMMARY.....	ix
4. BUDGET APPENDIX EXTRACT.....	xi
BUDGET SUMMARY.....	xi
APPROPRIATION LANGUAGE.....	xiii
5. SPECIAL PROGRAM CONSIDERATIONS.....	xv
6. INSIDE THE UNITED STATES.....	1
Alaska.....	1
Colorado.....	13
Florida.....	45
Georgia.....	51
Hawaii.....	59
Kansas.....	67
Kentucky.....	75
Maryland.....	83
Missouri.....	99
New York.....	111
North Carolina.....	119
Texas.....	127
Virginia.....	139
Washington.....	145
7. OUTSIDE THE UNITED STATES.....	165
Kwajalein.....	165
8. WORLDWIDE.....	173
Worldwide Various.....	173

Part II - AFH

Part III - HOMEOWNERS ASSISTANCE

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2014
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
----- PROJECT	-----		REQUEST	REQUEST			
NUMBER	PROJECT TITLE		-----	-----			-----
-----	-----		-----	-----			-----
Alaska	Fort Wainwright (IMCOM)						3
67116	Aviation Battalion Complex		45,000	45,000	C		5
76601	Aviation Storage Hangar		58,000	58,000	C		8
	Subtotal Fort Wainwright Part I		\$ 103,000	103,000			
	* TOTAL MCA FOR Alaska		\$ 103,000	103,000			
Colorado	Fort Carson (IMCOM)						15
71221	Fire Station		12,000	12,000	C		17
77262	Headquarters Building		33,000	33,000	C		21
77304	Aircraft Maintenance Hangar		73,000	73,000	C		25
77405	Aircraft Maintenance Hangar		66,000	66,000	C		29
77885	Runway		12,000	12,000	C		33
79618	Simulator Building		12,200	12,200	C		36
80433	Central Energy Plant		34,000	34,000	C		40
	Subtotal Fort Carson Part I		\$ 242,200	242,200			
	* TOTAL MCA FOR Colorado		\$ 242,200	242,200			
Florida	Eglin Air Force Base (USASOC)						
77539	Automated Sniper Field Fire Range		4,700	4,700	C		47
	Subtotal Eglin Air Force Base Part I		\$ 4,700	4,700			
	* TOTAL MCA FOR Florida		\$ 4,700	4,700			
Georgia	Fort Gordon (IMCOM)						53
51868	Adv Individual Training Barracks Cplx, Ph2		61,000	61,000	C		55
	Subtotal Fort Gordon Part I		\$ 61,000	61,000			
	* TOTAL MCA FOR Georgia		\$ 61,000	61,000			

DEPARTMENT OF THE ARMY
FISCAL YEAR 2014
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST		-----
Hawaii	Fort Shafter (IMCOM)				61
67157	Command and Control Facility - Admin	75,000	75,000	C	63
	Subtotal Fort Shafter Part I	\$ 75,000	75,000		
	* TOTAL MCA FOR Hawaii	\$ 75,000	75,000		
Kansas	Fort Leavenworth (IMCOM)				69
76024	Simulations Center	17,000	17,000	C	71
	Subtotal Fort Leavenworth Part I	\$ 17,000	17,000		
	* TOTAL MCA FOR Kansas	\$ 17,000	17,000		
Kentucky	Fort Campbell (IMCOM)				77
78778	Battlefield Weather Support Facility	4,800	4,800	C	79
	Subtotal Fort Campbell Part I	\$ 4,800	4,800		
	* TOTAL MCA FOR Kentucky	\$ 4,800	4,800		
Maryland	Aberdeen Proving Ground (IMCOM)				85
81875	Operations and Maintenance Facilities	21,000	21,000	C	87
	Subtotal Aberdeen Proving Ground Part I	\$ 21,000	21,000		
	Fort Detrick (IMCOM)				91
62204	Hazardous Material Storage Building	4,600	4,600	C	93
73384	Entry Control Point	2,500	2,500	C	96
	Subtotal Fort Detrick Part I	\$ 7,100	7,100		
	* TOTAL MCA FOR Maryland	\$ 28,100	28,100		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2014
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST		-----
Missouri	Fort Leonard Wood (IMCOM)				101
71502	Adv Individual Training Barracks Cplx, Ph1	86,000	86,000	C	103
75019	Simulator Building	4,700	4,700	C	107
	Subtotal Fort Leonard Wood Part I	\$ 90,700	90,700		
	* TOTAL MCA FOR Missouri	\$ 90,700	90,700		
New York	United States Military Academy (IMCOM)				113
81186	Cadet Barracks, Incr 2	0	42,000	C	115
	Subtotal United States Military Academy Part I	\$ 0	42,000		
	* TOTAL MCA FOR New York	\$ 0	42,000		
North Carolina	Fort Bragg (IMCOM)				121
69624	Command and Control Facility	5,900	5,900	C	123
	Subtotal Fort Bragg Part I	\$ 5,900	5,900		
	* TOTAL MCA FOR North Carolina	\$ 5,900	5,900		
Texas	Fort Bliss (IMCOM)				129
74638	Control Tower	10,800	10,800	C	131
81155	Unmanned Aerial Vehicle Complex	36,000	36,000	C	135
	Subtotal Fort Bliss Part I	\$ 46,800	46,800		
	* TOTAL MCA FOR Texas	\$ 46,800	46,800		
Virginia	Joint Base Langley-Eustis (TRADOC)				
53584	Adv Individual Training Barracks Cplx, Ph3	50,000	50,000	C	141
	Subtotal Joint Base Langley-Eustis Part I	\$ 50,000	50,000		
	* TOTAL MCA FOR Virginia	\$ 50,000	50,000		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Washington	Joint Base Lewis-McChord (IMCOM)				147
76776	Airfield Operations Complex	37,000	37,000	C	149
76777	Aircraft Maintenance Hangar	79,000	79,000	C	153
78196	Aviation Battalion Complex	28,000	28,000	C	157
	Yakima Training Center				
54106	Automated Multipurpose Machine Gun Range	9,100	9,100	C	160
	Subtotal Joint Base Lewis-McChord Part I	\$ 153,100	153,100		
	* TOTAL MCA FOR Washington	\$ 153,100	153,100		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 882,300	924,300		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	NEW/		
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION PAGE
-----	-----	-----	-----	-----
Kwajalein	Kwajalein Atoll (SMDC)			167
59779	Pier	63,000	63,000	C 169
	Subtotal Kwajalein Atoll Part I	\$ 63,000	63,000	
	* TOTAL MCA FOR Kwajalein	\$ 63,000	63,000	
	** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 63,000	63,000	

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	PAGE
----- PROJECT	-----	REQUEST	REQUEST	-----
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Various	Classified Worldwide Location (WORLDWD)			
81987	Company Operations Complex	33,000	33,000	175
	Subtotal Classified Worldwide Location Part I	\$ 33,000	33,000	
	Planning and Design (PLANDES)			
	Planning and Design Host Nation			
72435	Host Nation Support FY14	0	33,000	179
72433	Planning and Design FY14	0	41,575	181
	Subtotal Planning and Design Part I	\$ 0	74,575	
	Minor Construction (MINEXG)			
72437	Minor Construction FY14	0	25,000	183
	Subtotal Minor Construction Part I	\$ 0	25,000	
	* TOTAL MCA FOR Worldwide Various	\$ 33,000	132,575	
	** TOTAL WORLDWIDE FOR MCA	\$ 33,000	132,575	
	MILITARY CONSTRUCTION (Part I) TOTAL	\$ 978,300	1,119,875	
	Total Cost of New Mission Projects	(0)	\$ 0	
	Total Cost of Current Mission Projects	(30)	\$ 978,300	
	Total Cost of other line items	(3)	\$ 99,575	
	Total Cost of FY 2014 MCA Projects	(33)	\$ 1,119,875	

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (Part I) FY 2014

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Installation Management Command	827,600	869,600
US Army Training and Doctrine Command	50,000	50,000
US Army Special Operations Command	4,700	4,700
OUTSIDE THE UNITED STATES		
US Army Space & Missile Defense Command	63,000	63,000
WORLDWIDE		
Military Construction, Army Minor	0	25,000
Planning and Design	0	74,575
Various US Army Major Commands-Worldwide	33,000	33,000
 TOTAL	 978,300	 1,119,875

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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>
2014	\$1,119,875,000
2013	\$1,684,323,000 ¹
2012	\$3,006,491,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of Army personnel. 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 facility needs for the following Army initiatives: Support to Redeployment/Force Structure including activation of the 13th Combat Aviation Brigade (CAB) at Fort Carson, CO, and the fielding of the Gray Eagle Unmanned Aerial Vehicle; investment towards buy-out of the Army's remaining inadequate Training Barracks; selective continuation of Army Modularity to include the transformation of the 16th CAB at Joint Base Lewis-McChord, Washington, and Fort Wainwright, Alaska, continued investment in modernization of new training facilities and the most urgent restoration and modernization of obsolete and failing critical infrastructure. No projects requested in this initial budget submission will be negatively impacted by Total Army Analysis.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Projects awarded with these funds may not exceed \$2 million. They may be awarded up to \$3 million if there is a threat to life, health, or safety that cannot be mitigated with O&M funds, and deferral of the construction project until the next Military Construction Authorization Act poses an unacceptable and imminent risk to military personnel. The funded cost limit is \$4 million if the project is intended for the revitalization or recapitalization of laboratories under the jurisdiction of the Army.

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 2014 will be used to

¹ The FY2013 amount does not reflect sequestration or the across-the-board rescission directed by Division G of the Consolidated and Further Continuing Appropriations Act, 2013.

design projects in the Army's Fiscal Years 2015 and 2016 programs. Per policy guidance issued by the Assistant Secretary of the Army (Installations, Energy, and Environment) on 27 October 2010, all new construction projects will be designed to achieve reduced energy consumption at or below the levels specified in ASHRAE Standard 189.1 Section 7. Compliance shall be to the extent project funds and technology allows. On-site renewable energy requirements in ASHRAE Standard 189.1, Section 7, may be met on an installation-wide or program-wide basis.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2014

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, \$1,119,875,000, to remain available until September 30, 2018: Provided, That of this amount, not to exceed \$74,575,000 shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Army determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefore.

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Items of Interest

Incremental and Phased Projects

On page 537 (of the Senate Report 110-77, NDAA 2008), the Committee requested that the military departments include in each project justification document (the DD Form 1391), the entire cost of the requirement as well as the cost, by fiscal year, of each past and future phase or increment, in a table format. The Army has provided this information, as requested on all phased or incrementally funded projects in the FY14 Budget Request. The following phased or incrementally funded projects include

ST	Location	Description
GA	Fort Gordon	Adv. Individual Training Barracks Cplx, Ph2
MO	Fort Leonard Wood	Adv. Individual Training Barracks Cplx, Ph1
NY	United States Military Academy	Cadet Barracks, Incr 2
VA	Joint Base Langley-Eustis	Adv. Individual Training Barracks Cplx, Ph3

Additional Issues

Requirement for Additional Scope Authorization, FY2011 Project:

There is an FY2011 project, Regional Logistic Support Complex at Fort Lewis, WA (now Joint Base Lewis-McChord) that due to an oversight did not include sufficient organizational vehicle parking on the DD 1391 submitted in support of the budget request. The additional scope can be executed within the requested program amount for the project. Further explanation is provided below.

<u>ST</u>	<u>Location</u>	<u>Description (Line item)</u>	<u>Unit</u>	<u>Quantity</u>
WA	Fort Lewis	Organizational Vehicle Parking	SY	98,381

Additional scope is required, specifically 57,439 Square Yards (SY) of Organizational Vehicle Parking, for the Regional Logistic Support Complex project, Project Number (PN) 72854 in order to park and service tactical vehicles. Although some elements (e.g. the Vehicle Maintenance Shop and the Organizational Storage) are standard designs, the Regional Logistic Support Complex, in support of Army Materiel Command’s mission at Fort Lewis, is not a standard facility type. During the project definition phase for the FY2011 projects, it was determined that the required amount of Organizational Vehicle Parking required to support the Regional Logistic Support Complex was not entirely captured in the scope for PN 72854, Regional Logistic Support Complex or PN 72838, Regional Logistic Support Complex Warehouse. A corrected DD Form 1391 is provided at page xvii.

Requirement for Authority to Use Current Year Funds to Complete an FY2004 Project:

There is an FY2004 project that requires a new contract (using current year funding) in order to provide a complete and usable facility.

Picatiny Arsenal, New Jersey, Explosive Research and Development Loading Facility, FY2004

The Army requires authority to award a new contract with available unobligated balances (after a prior approval Congressional reprogramming request) for the Explosive Research and Development Loading Facility. This FY2004 Congressional Add was awarded as a design-build construction contract in February 2005. The contract was terminated for default on December 22, 2008 due to failure by the contractor to make progress. The Surety was slow to respond and notified the Army in December 2009 that they would not take over the contract. The Surety is currently in litigation with both the contractor and the Army.

Typically, when a Surety refuses to fulfill their obligation to complete a project, the Government re-procures and seeks recovery of any excess re-procurement costs from the Surety. In this case, that is not possible because a re-procurement must be of the same scope as the initial action. Since the project is about 70% complete, a re-procurement of the same scope as the initial contract would, in effect, result in duplication of existing scope. Basic structures were not completed, resulting in some exposure to the elements for more than three years. Most of the completed work can be used, although some exposed material will need to be replaced.

During an analysis of the existing design, the U.S. Army Corps of Engineers (USACE) discovered an error. The U.S. Army Engineering and Support Center at Huntsville determined the authorized project scope would not support the end user's objective for Net Explosive Weight (NEW) of 50-400 pounds. The DOD Explosives Safety Board has concluded that the existing design will safely support a NEW of 30-50 pounds. Stakeholders involved with this project have determined the best course of action is to complete the Processing Building and use it for explosive operations to the fullest extent that is safely possible. As the five-year limit for new obligations has expired, the Army requests a one-time exemption to allow award for a new contract to complete this project within the original scope of the DD Form 1391 and will observe restrictions on NEW as specified by the DOD Explosives Safety Board.

The Army requires an exception to the provision (see P.L. 112-74, Division H, section 117) that limits use of appropriated funds. The Army recommends the following language be included in the Fiscal Year 2014 Military Construction and Veterans Administration Act under Administrative Provisions:

“Sec. XXX, "Notwithstanding Section 117, the Secretary of the Army may obligate from any unobligated military construction funds such additional funds that the Secretary determines are necessary to complete the Explosive Research and Development Loading Facility, Picatinny Arsenal, New Jersey.”

1. COMPONENT ARMY		FY 2011 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 APR 2013	
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington				4. PROJECT TITLE Regional Logistics Support Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 72854		8. PROJECT COST (\$000) Approp 63,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						46,426
Vehicle Maintenance Shop		m2 (SF)	14,491 (155,980)		2,539	(36,799)
Organizational Storage		m2 (SF)	443.70 (4,776)		933.89	(414)
POL Storage Building		m2 (SF)	49.05 (528)		1,224	(60)
Hazmat/Hazwaste Storage		m2 (SF)	49.05 (528)		1,224	(60)
Organizational Vehicle Parking		m2 (SY)	82,259 (98,381)		47.28	(3,889)
Total from Continuation page						(5,204)
<u>SUPPORTING FACILITIES</u>						8,263
Electric Service		LS	--		--	(555)
Water, Sewer, Gas		LS	--		--	(347)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,379)
Storm Drainage		LS	--		--	(1,035)
Site Imp(2,216) Demo(2,188)		LS	--		--	(4,404)
Information Systems		LS	--		--	(339)
Antiterrorism Measures		LS	--		--	(204)
ESTIMATED CONTRACT COST						54,689
CONTINGENCY (5.00%)						2,734
SUBTOTAL						57,423
SUPV, INSP & OVERHEAD (5.70%)						3,273
DESIGN/BUILD - DESIGN COST						2,297
TOTAL REQUEST						62,993
TOTAL REQUEST (ROUNDED)						63,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct two Equipment Maintenance Facilities modified from the standard Extra Large Vehicle Maintenance Shop (VMS) designs to support vehicle maintenance/installation activities and organizational maintenance for the deployable Army Sustainment Command units. Project includes two VMS with administrative and shop control areas; welding, paint booth and overhead cranes. Organizational storage facility, waste oil tank, hazardous material and hazardous waste storage, POL storage building, hardstand, organizational vehicle parking, sentry station, vehicle test area, area for maintenance shelters, and container storage area will also be provided. Provide connection to Energy Management Control System (EMCS) and Intrusion Detection System (IDS) installation. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; erosion control; storm drainage; site grading and contouring; information systems, and site improvements. Anti-terrorism measures will be provided. Project includes self contained heating and air conditioning systems. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related design services						

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Regional Logistics Support Complex	5. PROJECT NUMBER 72854
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hardstand	m2 (SY)	5,309 (6,350)	113.62	(603)
Area for Maintenance Shelters	m2 (SY)	11,037 (13,200)	134.23	(1,481)
Vehicle Test Area	m2 (SY)	13,936 (16,667)	13.74	(192)
Container Storage Area	m2 (SY)	2,230 (2,667)	13.81	(31)
Sentry Station	LS	--	--	(25)
Waste Oil Tank	LS	--	--	(10)
IDS Installation	LS	--	--	(30)
EMCS Connection	LS	--	--	(203)
SDD and EAct05	LS	--	--	(736)
Antiterrorism Measures	LS	--	--	(920)
Building Information Systems	LS	--	--	(973)
			Total	5,204

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
are required. Air Conditioning (Estimated 42 kW/12 Tons).

11. REQ: 87,429 m2 ADQT: 48,816 m2 SUBSTD: 17,654 m2

PROJECT: Construct a Regional Logistics Support Complex at Fort Lewis, Washington. (Current Mission)

REQUIREMENT: This project is required to provide a regional complex at Fort Lewis that can serve as the enduring location for all Army Materiel Command (AMC) mission support elements to the Army's multi-component set. This capability will support all the Program Manager/Program Executive Office (PM/PEO) supported systems, the Army Forces Generator (ARFORGEN) process, Command, Control, Communications, Computers and Intelligence, Surveillance and Reconnaissance (C4ISR) reconfiguration, Future Combat Systems (FCS) spin outs, and accommodate all Life Cycle Management Command (LCMC) forward positioned teams conducting on-site support or new fieldings. Additionally, this facility should augment support for New Equipment Training (NET) and provide a surge capability in order to respond to excessive workloads or unique support requirements.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations. Currently, AMC requirements are being accomplished in a combination of temporary sprung structures and WWII wood structures that are in poor condition (removed from condemned list to allow AMC use). The lack of permanent structures greatly hinders AMC and the Acquisition Support Community's ability to support the Soldiers of Fort Lewis and other units.

IMPACT IF NOT PROVIDED: Due to the increased AMC mission, a significant portion of the mission being moved into temporary shelters, and pending

1. COMPONENT ARMY	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 APR 2013
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord, Washington		
4. PROJECT TITLE Regional Logistics Support Complex	5. PROJECT NUMBER 72854	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>demolition of many of its facilities, the logistical support to the Senior Combatant Commander will be severely impacted.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. 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, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Alaska	Fort Wainwright (IMCOM)				3
67116	Aviation Battalion Complex	45,000	45,000	C	5
76601	Aviation Storage Hangar	58,000	58,000	C	8
	Subtotal Fort Wainwright Part I	\$ 103,000	103,000		
	* TOTAL MCA FOR Alaska	\$ 103,000	103,000		

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1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROGRAM					2. DATE 04 APR 2013				
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 2.21					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012		806	5595	1098	0	0	0	44	168	1792	9,503
B. END FY 2018		799	5577	1259	0	0	0	10	117	1147	8,909
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		648,861 ha		(1,603,366 AC)							
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							5,643,461				
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,056,058				
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							103,000				
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							34,000				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							864,794				
H. GRAND TOTAL.....							7,701,313				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:											
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		DESIGN STATUS					
CODE	NUMBER	PROJECT TITLE		COST (\$000)		START	COMPLETE				
141	67116	Aviation Battalion Complex		45,000		01/2011	10/2013				
211	76601	Aviation Storage Hangar		58,000		02/2011	07/2014				
				TOTAL		103,000					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY		PROJECT TITLE		COST (\$000)							
CODE		PROJECT TITLE		COST (\$000)							
A. INCLUDED IN THE FY 2015 PROGRAM:											
211		Unmanned Aerial Vehicle Hangar		34,000							
				TOTAL		34,000					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A											
10. MISSION OR MAJOR FUNCTIONS:											
<p>Fort Wainwright provides the nation's Armed Forces with a sustaining base and power projection platform, in support of National Objectives. Maintain trained and ready forces for Combatant Commanders. Train, deploy, and redeploy ready forces. Major units include the 1/25 Stryker Brigade Combat Team and Aviation Task Force. Major function include: support and enable operational and training requirements of Maneuver units; support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and environment; provide service/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.</p>											

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Wainwright, Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska				4.PROJECT TITLE Aviation Battalion Complex		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 67116		8.PROJECT COST (\$000) Approp 45,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						31,331
Battalion HQs w/Classrooms		m2 (SF)	3,790 (40,800)		4,552	(17,255)
Company Operations Facilities		m2 (SF)	2,601 (28,000)		3,645	(9,481)
Enclosed Hardstand		m2 (SF)	445.56 (4,796)		3,645	(1,624)
Special Foundations		LS	--		--	(2,392)
Sustainability/Energy Measures		LS	--		--	(579)
<u>SUPPORTING FACILITIES</u>						8,981
Electric Service		LS	--		--	(1,152)
Water, Sewer, Gas		LS	--		--	(790)
Steam And/Or Chilled Water Dist		LS	--		--	(1,780)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,707)
Storm Drainage		LS	--		--	(296)
Site Imp(2,733) Demo()		LS	--		--	(2,733)
Information Systems		LS	--		--	(382)
Antiterrorism Measures		LS	--		--	(141)
ESTIMATED CONTRACT COST						40,312
CONTINGENCY (5.00%)						2,016
SUBTOTAL						42,328
SUPV, INSP & OVERHEAD (6.50%)						2,751
TOTAL REQUEST						45,079
TOTAL REQUEST (ROUNDED)						45,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct standard design Aviation Battalion Complex facilities. Primary facilities include a Battalion Headquarters with organizational classrooms, Company Operations Facilities (COF) with enclosed covered hardstand, Intrusion Detection Systems (IDS) installation, Mass Notifications Systems, Energy Monitoring and Control Systems (EMCS) connection, Special Foundations, and building information systems. Sustainability/Energy Measures will be provided. Supporting facilities include utilities, electric service, water, sewer, steam connections, paving, walks, curbs and gutters, parking, storm drainage site improvements and information systems. Anti-terrorism/force protection measures will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Heating will be provided by connection to a central plant. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Air Conditioning (Estimated 524 kWr/149 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Wainwright, Alaska		
4. PROJECT TITLE Aviation Battalion Complex	5. PROJECT NUMBER 67116	
11. REQ: 71,696 m2 ADQT: 43,043 m2 SUBSTD: NONE		
PROJECT: Construct an Aviation Battalion Complex at Fort Wainwright, Alaska. (Current Mission)		
REQUIREMENT: This project is required to support an Aviation unit of approximately 1,300 Soldiers. The facilities will be used by aviation, maintenance and support personnel.		
CURRENT SITUATION: Currently, existing battalion headquarters (BNHQ) for the two aviation units are housed in substandard facilities that are approximately 50% of required size and sharing that space within those facilities with company operations functions. Currently those companies are utilizing spaces in substandard facilities that range from 10% to 25% of the required size for their COF functions. The result is significant reduction in efficiency and productivity. These existing facilities will be repurposed and renovated for other tenants after completion of this project in order to reduce the installations relocatable inventory.		
IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to work in substandard, undersized, and inadequate facilities which will adversely impact productivity, efficiency, quality of life, morale, retention and readiness and the associated ability to achieve the required mission.		
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		JAN 2011
(b) Percent Complete As Of January 2013.....		35.00
(c) Date 35% Designed.....		JAN 2013
(d) Date Design Complete.....		OCT 2013
(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 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Battalion Complex	5. PROJECT NUMBER 67116
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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:
Fort Wainwright
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-------|
| (a) Production of Plans and Specifications..... | 1,083 |
| (b) All Other Design Costs..... | 722 |
| (c) Total Design Cost..... | 1,805 |
| (d) Contract..... | 1,083 |
| (e) In-house..... | 722 |
- (4) Construction Contract Award..... JAN 2014
- (5) Construction Start..... APR 2014
- (6) Construction Completion..... APR 2016

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:
Phone Number: 907-361-7287

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Wainwright Alaska			4. PROJECT TITLE Aviation Storage Hangar		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 211	7. PROJECT NUMBER 76601	8. PROJECT COST (\$000) Approp 58,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					33,919
Warm Storage Hangar		m2 (SF)	5,264 (56,660)	4,541	(23,904)
Company Operations Facility		m2 (SF)	1,115 (12,000)	4,176	(4,655)
Enclosed Hardstand		m2 (SF)	159.89 (1,721)	4,015	(642)
Organizational Vehicle Parking		m2 (SY)	11,044 (13,209)	171.34	(1,892)
Special Foundations		LS	--	--	(2,038)
Total from Continuation page					(788)
<u>SUPPORTING FACILITIES</u>					16,491
Electric Service		LS	--	--	(2,208)
Water, Sewer, Gas		LS	--	--	(2,250)
Steam And/Or Chilled Water Dist		LS	--	--	(3,343)
Paving, Walks, Curbs & Gutters		LS	--	--	(873)
Storm Drainage		LS	--	--	(252)
Site Imp(3,945) Demo(3,034)		LS	--	--	(6,979)
Information Systems		LS	--	--	(342)
Antiterrorism Measures		LS	--	--	(244)
ESTIMATED CONTRACT COST					50,410
CONTINGENCY (5.00%)					2,521
SUBTOTAL					52,931
SUPV, INSP & OVERHEAD (6.50%)					3,441
DESIGN/BUILD - DESIGN COST					2,117
TOTAL REQUEST					58,489
TOTAL REQUEST (ROUNDED)					58,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Aviation Storage Hangar. Primary facilities include a Warm Storage Hangar, Company Operations Facility (COF) with Enclosed Hardstand, Organizational Vehicle Parking, Intrusion Detection Systems (IDS) installation, Mass Notifications Systems, Energy Monitoring and Control Systems (EMCS) connection, Special Foundations, fire protection, and building information systems. Building information systems for this facility are unique in nature and not included in the unit cost of the building. Sustainability/Energy measures will be provided. Supporting facilities include utilities, electric service, water, sewer, steam connections, paving, walks, curbs and gutters, parking, storm drainage, site improvements and information systems. Heating will be provided by connection to a central plant. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishing related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 2					

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013																									
3. INSTALLATION AND LOCATION Fort Wainwright, Alaska																											
4. PROJECT TITLE Aviation Storage Hangar	5. PROJECT NUMBER 76601																										
<p><u>9. COST ESTIMATES (CONTINUED)</u></p> <table border="0"> <thead> <tr> <th data-bbox="305 531 375 558">Item</th> <th data-bbox="735 531 862 558">UM (M/E)</th> <th data-bbox="959 531 1089 558">QUANTITY</th> <th data-bbox="1243 499 1312 558">Unit COST</th> <th data-bbox="1393 499 1482 558">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="224 594 670 621"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="224 625 708 653">Sustainability/Energy Measures</td> <td data-bbox="735 625 769 653">LS</td> <td data-bbox="1040 625 1068 653">--</td> <td data-bbox="1263 625 1291 653">--</td> <td data-bbox="1442 625 1507 653">(576)</td> </tr> <tr> <td data-bbox="224 657 675 684">Building Information Systems</td> <td data-bbox="735 657 769 684">LS</td> <td data-bbox="1040 657 1068 684">--</td> <td data-bbox="1263 657 1291 684">--</td> <td data-bbox="1442 657 1507 684">(212)</td> </tr> <tr> <td colspan="3"></td> <td data-bbox="1243 688 1325 716">Total</td> <td data-bbox="1455 688 1507 716">788</td> </tr> </tbody> </table> <p data-bbox="224 751 1019 779"><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p data-bbox="224 783 1455 842">buildings (TOTAL 9,720 m2/104,624 SF). Air Conditioning (Estimated 281 kW_r/80 Tons).</p>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Sustainability/Energy Measures	LS	--	--	(576)	Building Information Systems	LS	--	--	(212)				Total	788
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Sustainability/Energy Measures	LS	--	--	(576)																							
Building Information Systems	LS	--	--	(212)																							
			Total	788																							
<p data-bbox="224 884 1422 911"><u>11. REQ:</u> 5,264 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> NONE</p> <p data-bbox="224 915 1325 974"><u>PROJECT:</u> Construct a standard design Aviation Storage Hangar at Fort Wainwright, Alaska. (Current Mission)</p> <p data-bbox="224 978 1471 1192"><u>REQUIREMENT:</u> This project is required for Fort Wainwright, Alaska to support a General Support Aviation Battalion (GSAB). It provides essential, permanent operational and maintenance facilities to support the GSAB. The extreme cold weather creates the need for warm storage hangars to protect both the aircraft and the crew. When the aircraft is protected from the winter elements, these facilities enable pilots and crew to conduct preflight inspections, prep aircraft for their mission and reduce response time.</p> <p data-bbox="224 1197 1471 1703"><u>CURRENT SITUATION:</u> Currently, most mission capable aircraft are parked outside on the aircraft parking aprons. Space in aircraft maintenance hangars is provided for 20% of assigned aircraft for unit level maintenance. During the winter, temperatures routinely dip well below zero degrees Fahrenheit. Storing aircraft outside when extremely cold reduces the serviceable life and reliability of the aircraft. Onboard electronics, jet engine components, and aircraft surface/rotors are all at risk due to exposure to the extreme cold temperatures. This also exposes Soldiers to injury due to the cold and further reduces mission readiness. Aircraft need significantly more time to be ready for flight during harsh weather. The most vulnerable helicopter types must be moved into warm storage facilities. The aircraft were previously housed in two WWII era wood hangars. The use of these old hangars was lost due to fire. The aircraft are now being stored in a deployment staging facility known as the "Pallet Processing Facility" (PPF). The PPF is not suited to aircraft storage. Fire suppression, clearances, and petroleum spill containment are not configured for aircraft.</p> <p data-bbox="224 1707 1455 1892"><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided mission readiness will be reduced. Helicopters will continue to be stored in the inadequate PPF or stored outside and risk damage from exposure to severe cold temperatures. Soldiers will continue to be exposed to dangerously low temperatures. Using the PPF for aircraft limits the building's use for its intended purpose of mobilization preparation. Overall readiness and response time will be</p>																											

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Storage Hangar	5. PROJECT NUMBER 76601
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IMPACT IF NOT PROVIDED: (CONTINUED)

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... FEB 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... JUL 2014
 - (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 Wainwright

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,323
 - (b) All Other Design Costs..... 794
 - (c) Total Design Cost..... 2,117
 - (d) Contract..... 1,323
 - (e) In-house..... 794

- (4) Construction Contract Award..... JAN 2014
- (5) Construction Start..... FEB 2014
- (6) Construction Completion..... FEB 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4. PROJECT TITLE Aviation Storage Hangar	5. PROJECT NUMBER 76601
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

Installation Engineer:
Phone Number: 907-361-7287

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Colorado	Fort Carson (IMCOM)				15
71221	Fire Station	12,000	12,000	C	17
77262	Headquarters Building	33,000	33,000	C	21
77304	Aircraft Maintenance Hangar	73,000	73,000	C	25
77405	Aircraft Maintenance Hangar	66,000	66,000	C	29
77885	Runway	12,000	12,000	C	33
79618	Simulator Building	12,200	12,200	C	36
80433	Central Energy Plant	34,000	34,000	C	40
		-----	-----		
	Subtotal Fort Carson Part I	\$ 242,200	242,200		
	* TOTAL MCA FOR Colorado	\$ 242,200	242,200		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.06	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	2908	21705	2649	8	169	0	203 904 3622 32,168
B. END FY 2018	3263	23060	2752	8	145	0	211 921 3588 33,948
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	151,075 ha		(373,313 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							5,813,834
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,678,839
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							242,200
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							81,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							3,661,576
H. GRAND TOTAL.....							11,477,449
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT						COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
730	71221	Fire Station				12,000	05/2012 09/2013
141	77262	Headquarters Building				33,000	09/2011 10/2013
211	77304	Aircraft Maintenance Hangar				73,000	11/2011 09/2013
211	77405	Aircraft Maintenance Hangar				66,000	09/2011 10/2013
111	77885	Runway				12,000	11/2011 09/2013
172	79618	Simulator Building				12,200	05/2012 08/2013
891	80433	Central Energy Plant				34,000	11/2011 10/2014
TOTAL						242,200	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. INCLUDED IN THE FY 2015 PROGRAM:							
211		Aircraft Maintenance Hangar				60,000	
211		Unmanned Aerial Vehicle Hangar				21,000	
TOTAL						81,000	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Carson, Colorado

10. MISSION OR MAJOR FUNCTIONS:

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

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Carson Colorado				4.PROJECT TITLE Fire Station		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 730	7.PROJECT NUMBER 71221		8.PROJECT COST (\$000) Approp 12,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,368
Fire Station		m2 (SF)	2,973 (32,000)		2,826	(8,402)
Hazardous Material Storage		m2 (SF)	23.23 (250)		2,465	(57)
Special Foundations		LS	--		--	(684)
Standby Generator		EA	1 --		52,488	(52)
Sustainability/Energy Measures		LS	--		--	(173)
<u>SUPPORTING FACILITIES</u>						1,399
Electric Service		LS	--		--	(398)
Water, Sewer, Gas		LS	--		--	(296)
Paving, Walks, Curbs & Gutters		LS	--		--	(323)
Storm Drainage		LS	--		--	(93)
Site Imp(212) Demo()		LS	--		--	(212)
Information Systems		LS	--		--	(50)
Antiterrorism Measures		LS	--		--	(27)
ESTIMATED CONTRACT COST						10,767
CONTINGENCY (5.00%)						538
SUBTOTAL						11,305
SUPV, INSP & OVERHEAD (5.70%)						644
TOTAL REQUEST						11,949
TOTAL REQUEST (ROUNDED)						12,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a large standard design Fire Station to include Airfield Rescue. This facility will include apparatus bays, storage, residential areas, administrative areas, file, supply, records and evidence storage areas, detention, interview and processing area, building information systems, fire protection and alarm systems, Energy monitoring and Control Systems (EMCS)connections, and Intrusion Detection System (IDS) installation. Project will also include a hazardous material storage facility and a standby generator. Sustainability and Energy features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, vehicle storage, walks, curb and gutters, storm drainage, information systems, landscaping and signage. Heating and cooling will be provided from either a Central Energy Plant or individual heating units depending on what is most cost effective. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Special foundations due to expansive soils will be required. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, ASHRAE 189.1 standards through improved building envelope and integrated building systems performance. Air						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 71221	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) Conditioning (Estimated 113 kW/32 Tons).		
<p>11. REQ: 5,393 m2 ADQT: 2,206 m2 SUBSTD: 983 m2 PROJECT: Construct a large standard design Fire Station at Fort Carson, Colorado. (Current Mission) REQUIREMENT: This project is required to support the operations of the new Combat Aviation Brigade (CAB) at Butts Army Airfield (BAAF), the recently built Brigade Combat Team complex on Wilderness Road, the impending construction of an Army National Guard training complex, and other operational facilities planned along Wilderness Road on Fort Carson. This facility supports the Army firefighter's mission to protect lives, installation facilities, flightline operations, and also will support emergency coverage of range and training operations by Directorate of Emergency Services (DES) officers through a dispatch center administrative space. The facility will house two aircraft crash companies and one engine company. CURRENT SITUATION: The existing facility (3,500 SF) was built in 1965 which met the needs of the Army fire department at the time. Current facility is undersized and operationally outdated. Apparatus has become larger and functional requirements of the firefighters have required more updated and larger facilities. The current building provides only 25% of required square footage. Lack of classroom and crew office space makes it difficult for personnel to maintain proficiency. The Heating, Ventilation, and Air Conditioning (HVAC) system is inadequate for proper climate control and ventilation of toxic diesel exhaust. Currently Fort Carson lacks office space for inspectors. The communications center is severely undersized. Reserve fire apparatus is currently stored in other remote locations which hampers the ability to maintain serviceable reserve equipment. The current facility is scheduled for demolition under a separate project. IMPACT IF NOT PROVIDED: If this facility is not provided, the Fort Carson Fire and Emergency Services will be hindered in providing fire protection and aircraft crash rescue services to the airfield and surrounding area. Interim facilities are required after the current fire station is demolished and are insufficient for long term use. Failure to construct this facility will continue the present operational shortcomings by preventing the Fire Department from fielding an additional engine company to respond to a projected increase in response load. This would result in periodic disruption to air field flight operations, negatively affecting the mission. Finally, the lack of a dispatch center and Director of Emergency Services (DES) officer administrative space will hamper the ability to provide the level of service needed to protect the growing population near BAAF and on nearby ranges and training areas. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 71221
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ADDITIONAL: (CONTINUED)

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

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
 - (1) Status:
 - (a) Date Design Started..... MAY 2012
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Polk
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 120
 - (b) All Other Design Costs..... 720
 - (c) Total Design Cost..... 840
 - (d) Contract..... 690
 - (e) In-house..... 150
 - (4) Construction Contract Award..... MAR 2014
 - (5) Construction Start..... MAY 2014
 - (6) Construction Completion..... OCT 2015

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 71221
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: (719)-526-3413

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Headquarters Building		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 77262		8. PROJECT COST (\$000) Approp 33,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,276
Battalion HQs w/Classrooms		m2 (SF)	7,767 (83,600)		2,366	(18,374)
Vehicle Bridge		m2 (SF)	1,004 (10,808)		3,401	(3,415)
Special Foundations		LS	--		--	(856)
Sustainability/Energy Measures		LS	--		--	(395)
Antiterrorism Measures		LS	--		--	(236)
<u>SUPPORTING FACILITIES</u>						6,583
Electric Service		LS	--		--	(477)
Water, Sewer, Gas		LS	--		--	(652)
Steam And/Or Chilled Water Dist		LS	--		--	(87)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,409)
Storm Drainage		LS	--		--	(932)
Site Imp(783) Demo()		LS	--		--	(783)
Information Systems		LS	--		--	(112)
Antiterrorism Measures		LS	--		--	(131)
ESTIMATED CONTRACT COST						29,859
CONTINGENCY (5.00%)						1,493
SUBTOTAL						31,352
SUPV, INSP & OVERHEAD (5.70%)						1,787
TOTAL REQUEST						33,139
TOTAL REQUEST (ROUNDED)						33,000
INSTALLED EQT-OTHER APPROP						(1,713)
10. Description of Proposed Construction Construct a consolidated Battalion Headquarters with classrooms for a Combat Aviation Brigade(CAB) and construct a Vehicle Bridge. Special foundations are required due to expansive and corrosive soil. Work will include building information systems, Intrusion Detection Systems (IDS) installation, Energy Monitoring and Control System (EMCS) connections, fire/smoke detection and alarm systems and connections to the installation central systems. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, security fence, site work and information systems. Heating and cooling will be provided from either a Central Energy Plant or individual heating units depending on what is most cost effective. Access for individuals with disabilities will be provided. Antiterrorism measures are for progressive collapse, building setbacks, and perimeter lighting that are not included in the unit cost. Comprehensive building and furnishings related interior design services are required. Sustainability and energy enhancement measures are included. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Headquarters Building	5. PROJECT NUMBER 77262	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>Buildings standards will be provided. Air Conditioning (Estimated 492 kW/140 Tons).</p>		
<p>11. REQ: 61,298 m2 ADQT: 51,660 m2 SUBSTD: 11,364 m2</p> <p>PROJECT: Construct a consolidated Battalion Headquarters at Fort Carson, Colorado. (Current Mission)</p> <p>REQUIREMENT: A Combat Aviation Brigade is being stationed at Fort Carson. The Aviation Brigade has five organic Battalions, each requiring a battalion headquarters (BN HQs).</p> <p>CURRENT SITUATION: As units are activated they will be assigned to existing legacy facilities until new construction is complete. The existing legacy BN HQs facilities on Fort Carson are substandard and inadequate. The five Battalions will temporarily be assigned to three types of legacy BN HQs facilities. The buildings range from 35 to 47 years old and range from 6,000 to 9,000 square feet each. The facilities do not meet current standards and will hinder the efficient operation of each battalion. The Aviation Brigade will be the second brigade to use these facilities as a bridging strategy until new facilities can be built. These facilities are located approximately 5 miles from the airfield. This geographic dislocation reduces command and control and puts additional traffic on an already overloaded transportation infrastructure. With the CAB Aviation Operations being dislocated from the BN HQs, it will adversely impact unit command and control.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson will not have adequate permanent facilities to accomplish the stationing of a Combat Aviation Brigade to Fort Carson, CO. There are no battalion headquarters and administrative facilities available at BAAF. This situation will adversely impact the command and control of Soldiers and units, the mastering of mission essential tasks and the morale and retention of highly motivated and highly trained Soldiers. If the Butts Road Bridge is not constructed a serious safety hazard will continue to pose risk to Soldiers and employees. There are no other roads that provide access for Soldiers and civilians. The increased traffic on both Butts Road at its intersection with the main tank trail will increase the risk of a serious accident.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Headquarters Building	5. PROJECT NUMBER 77262	
ADDITIONAL: <u>(CONTINUED)</u>		
accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>SEP 2011</u>
(b) Percent Complete As Of January 2013.....		<u>35.00</u>
(c) Date 35% Designed.....		<u>JAN 2013</u>
(d) Date Design Complete.....		<u>OCT 2013</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Adapt-Build		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used: Fort Carson		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>500</u>
(b) All Other Design Costs.....		<u>1,100</u>
(c) Total Design Cost.....		<u>1,600</u>
(d) Contract.....		<u>850</u>
(e) In-house.....		<u>750</u>
(4) Construction Contract Award.....		
(5) Construction Start.....		
(6) Construction Completion.....		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Fort Carson, Colorado

4. PROJECT TITLE Headquarters Building	5. PROJECT NUMBER 77262
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Equipment 14183	OPA	2015	292
IDS System	OPA	2015	90
Access Control	OPA	2015	260
Info Sys - ISC	OPA	2015	1,071
		TOTAL	<u>1,713</u>

Installation Engineer:
Phone Number: (719) 526-3415

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Aircraft Maintenance Hangar			
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 211	7. PROJECT NUMBER 77304		8. PROJECT COST (\$000) Approp 73,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						53,230
Aircraft Maintenance Hangar		m2 (SF)	14,326 (154,208)		2,664	(38,163)
Aircraft Engine Test Structure		m2 (SF)	464.52 (5,000)		573.28	(266)
Navigation Building, Air		m2 (SF)	167.23 (1,800)		2,239	(374)
Aircraft Parts Storage		m2 (SF)	743.22 (8,000)		3,018	(2,243)
Airfield Aprons		m2 (SY)	94,509 (113,032)		81.24	(7,678)
Total from Continuation page						(4,506)
<u>SUPPORTING FACILITIES</u>						12,961
Electric Service		LS	--		--	(1,240)
Water, Sewer, Gas		LS	--		--	(1,594)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,101)
Storm Drainage		LS	--		--	(498)
Site Imp(8,218) Demo(8)		LS	--		--	(8,226)
Information Systems		LS	--		--	(48)
Antiterrorism Measures		LS	--		--	(254)
ESTIMATED CONTRACT COST						66,191
CONTINGENCY (5.00%)						3,310
SUBTOTAL						69,501
SUPV, INSP & OVERHEAD (5.70%)						3,962
TOTAL REQUEST						73,463
TOTAL REQUEST (ROUNDED)						73,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a standard design General Support Aviation Battalion (GSAB) Maintenance Hangar, Aircraft Engine Test structure, Navigation Building, Aircraft Parts Storage, associated parking aprons, rotary wing taxiway and special foundations. Work will include building information systems, Intrusion Detection Systems (IDS) installation, Energy Monitoring and Control System (EMCS) connections, fire/smoke detection and alarm systems and connections to the installation central systems. Fire suppression systems will be provided. Special Foundations are required due to expansive and corrosive soil. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, site work and information systems. Heating and cooling will be provided from either a Central Energy Plant or individual heating units depending on what is most cost effective. Access for individuals with disabilities will be provided. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Comprehensive building and furnishings related interior design services are required. Demolish 1 building						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 77304
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Rotary Wing Taxiway	m2 (SY)	2,508 (3,000)	81.24	(204)
Special Foundations	LS	--	--	(3,479)
Sustainability/Energy Measures	LS	--	--	(823)
			Total	4,506

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
(TOTAL 95 m2/1,024 SF). Air Conditioning (Estimated 9,155 kW/2,603 Tons).

11. REQ: 75,427 m2 ADQT: NONE SUBSTD: 11,690 m2

PROJECT: Construct a standard design General Support Aviation Battalion Maintenance Hangar at Fort Carson, Colorado. (Current Mission)

REQUIREMENT: A Combat Aviation Brigade (CAB) is being stationed at Fort Carson. Each of the CAB Battalions will require an Aviation Maintenance Hangar to support its unit operations and the combat mission. There are no existing hangars available to support this requirement and new facilities are required. The GSAB will require maintenance space for UH/HH-60s and CH-47s model helicopters.

CURRENT SITUATION: Currently no standard design Aviation Maintenance Hangars to support the CAB exist on Fort Carson. There are two existing, non-standard hangars that are occupied by other aviation units and their respective support staffs. Each hangar supports maintenance functions to the extent possible within the restricted space available. Each has non-standard bays and can only provide limited maintenance operations for less than 10% of the CAB aircraft. Both hangars are approximately 50 years old and in poor condition. Existing maintenance hangar facilities are substandard and inadequate. The Aviation Brigade will have 113 aircraft assigned to Fort Carson.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson will not have adequate permanent facilities to accomplish the stationing of a CAB at Fort Carson. Work arounds, including significant overcrowding of administrative, operational, and unit maintenance space, will be required which will result in operational and maintenance degradation, ultimately impacting the unit's readiness.

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 77304
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ADDITIONAL: (CONTINUED)
 project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... NOV 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 600
 - (b) All Other Design Costs..... 1,025
 - (c) Total Design Cost..... 1,625
 - (d) Contract..... 950
 - (e) In-house..... 675

 - (4) Construction Contract Award..... MAR 2014

 - (5) Construction Start..... MAY 2014

 - (6) Construction Completion..... JUL 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 77304
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: (719)- 526-4265

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Aircraft Maintenance Hangar		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 211	7. PROJECT NUMBER 77405	8. PROJECT COST (\$000) Approp 66,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					47,066
Aircraft Maintenance Hangar		m2 (SF)	12,601 (135,636)	2,803	(35,318)
Airfield Maint Equip Storage		m2 (SF)	929.03 (10,000)	842.38	(783)
Airfield Parking Aprons		m2 (SY)	75,251 (90,000)	87.98	(6,620)
Taxiway		m2 (SY)	4,663 (5,577)	63.81	(298)
Aircraft Washing Apron		m2 (SY)	811.04 (970)	87.98	(71)
Total from Continuation page					(3,976)
<u>SUPPORTING FACILITIES</u>					12,340
Electric Service		LS	--	--	(2,516)
Water, Sewer, Gas		LS	--	--	(5,690)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,105)
Storm Drainage		LS	--	--	(473)
Site Imp(1,497) Demo(676)		LS	--	--	(2,173)
Information Systems		LS	--	--	(143)
Antiterrorism Measures		LS	--	--	(240)
ESTIMATED CONTRACT COST					59,406
CONTINGENCY (5.00%)					2,970
SUBTOTAL					62,376
SUPV, INSP & OVERHEAD (5.70%)					3,555
TOTAL REQUEST					65,931
TOTAL REQUEST (ROUNDED)					66,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a standard design Assault Battalion Maintenance Hangar. Project includes the Hangar, Aircraft Maintenance Equipment Storage, Aircraft Washing apron, Parking aprons, taxiways and lighting, building information systems, Intrusion Detection Systems (IDS) installation, Energy Monitoring and Control System (EMCS) connections, fire/smoke detection and alarm systems and connections to the installation central systems. Fire suppression systems will be provided. Special Foundations are required due to expansive and corrosive soil. Supporting facilities include electric service, water, sewer and gas, paving, walks, curbs and gutters, parking, storm drainage, site work and information systems. Heating and cooling will be provided from either a Central Energy Plant or individual heating units depending on what is most cost effective. Access for individuals with disabilities will be provided. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 11 buildings (TOTAL 4,057 m2/43,664 SF). Air					

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Fort Carson, Colorado

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 77405
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(3,240)
Sustainability/Energy Measures	LS	--	--	(736)
			Total	3,976

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Conditioning (Estimated 844 kW/240 Tons).

11. REQ: 75,427 m2 ADQT: NONE SUBSTD: 11,690 m2

PROJECT: Construct a standard design Assault Battalion Maintenance Hangar at Fort Carson, Colorado. (Current Mission)

REQUIREMENT: A Combat Aviation Brigade (CAB) is being stationed at Fort Carson. Each of the Battalions will require an Aircraft Maintenance Hangar to support its unit operations and the combat mission. There are no existing hangars available to support this requirement and new facilities are required.
CURRENT SITUATION: Currently no standard design Aviation Maintenance Hangars to support the CAB exist on Fort Carson. There are two existng, nonstandard hangars that are occupied by other aviation units and their respective staff. Each hangar supports maintenance functions to the extent possible within the restricted space. Each has non-standard bays and can only provide limited maintenance operations for less than 10% of the CAB aircraft. Both hangars are approximately 50 years old and in poor condition. Existing maintenance hangar facilities are substandard and inadequate. The aviation brigade will have 113 aircraft assigned to Fort Carson.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Carson will not have adequate permanent facilities to accomplish the stationing of a Combat Aviation Brigade at Fort Carson. Work arounds, including significant overcrowding of administrative, operational, and unit maintenance space, will be required which will result in operational and maintenance degradation, ultimately impacting the unit's readiness.

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 77405
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ADDITIONAL: (CONTINUED)
accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>SEP 2011</u>
(b) Percent Complete As Of January 2013.....	<u>35.00</u>
(c) Date 35% Designed.....	<u>JAN 2013</u>
(d) Date Design Complete.....	<u>OCT 2013</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-bid-build	

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	<u>800</u>
(b) All Other Design Costs.....	<u>750</u>
(c) Total Design Cost.....	<u>1,550</u>
(d) Contract.....	<u>900</u>
(e) In-house.....	<u>650</u>

(4) Construction Contract Award..... JAN 2014

(5) Construction Start..... APR 2014

(6) Construction Completion..... OCT 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 77405
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: (719) 526-4265

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Runway		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 111	7. PROJECT NUMBER 77885		8. PROJECT COST (\$000) Approp 12,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,500
Airfield Runway		m2 (SY)	27,871 (33,334)		112.38	(3,132)
Airfield Runway Shoulder		m2 (SY)	18,813 (22,500)		57.55	(1,083)
Airfield Runway Overrun		m2 (SY)	580.27 (694)		61.00	(35)
Fixed Wing Taxiway		m2 (SY)	9,890 (11,828)		62.61	(619)
Airfield Hot Cargo Shoulder		m2 (SY)	16,882 (20,191)		51.59	(871)
Total from Continuation page						(1,760)
<u>SUPPORTING FACILITIES</u>						3,320
Electric Service		LS	--		--	(982)
Paving, Walks, Curbs & Gutters		LS	--		--	(12)
Storm Drainage		LS	--		--	(1,730)
Site Imp(596) Demo()		LS	--		--	(596)
ESTIMATED CONTRACT COST						10,820
CONTINGENCY (5.00%)						541
SUBTOTAL						11,361
SUPV, INSP & OVERHEAD (5.70%)						648
TOTAL REQUEST						12,009
TOTAL REQUEST (ROUNDED)						12,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a runway at Butts Army Airfield (BAAF). Primary facilities include runway with shoulders to be reoriented to support rotary-wing aircraft, a paved overrun area, airfield taxiways, hot-load pad for aircraft, airfield helipad, a hot cargo shoulder for aircraft, holding apron, runway with striping, taxiway lighting and standby generator. Support facilities include electric service, site/storm drainage, parking, curbs and gutters and site improvements. The runway will be expanded to provide adequate safety distance. Airfield navigation and safety aides, runway signage, airfield lighting and perimeter fencing will be included for new runway construction. Soil conditions will require soil amendments and compacted sub-grade. Demolition of existing runway, taxiway, apron, and shoulders are included in site improvements. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided.						
11. REQ:		58,317 m2	ADQT:		NONE	SUBSTD: 58,317 m2
PROJECT: Construct a runway at Butts Army Airfield (BAAF), Fort Carson, Colorado. (Current Mission)						
REQUIREMENT: This project is required to support the stationing of a Combat Aviation Brigade (CAB) at Fort Carson. The CAB will be located at BAAF and at the Wilderness Road Complex. A runway, hot load pad area, and parking apron						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Runway	5. PROJECT NUMBER 77885
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Aircraft Hot Cargo Pad Apron	m2 (SY)	5,520 (6,602)	100.33	(554)
Airfield Helipad	m2 (SY)	2,789 (3,336)	100.33	(280)
Taxiway Lighting	m (LF)	6,670 (21,882)	129.45	(863)
Standby Generator	kWe (KW)	150 (150)	418.29	(63)
			Total	1,760

REQUIREMENT: (CONTINUED)

area are required to safely support rotary wing operations at BAAF.
CURRENT SITUATION: The existing runway is configured for small, fixed wing aircraft which use the runway longitudinally. It is not configured or suitable for rotary wing operations; it is not wide enough nor configured for transverse directional operations. There are no helipads or fuel stations currently at BAAF.

IMPACT IF NOT PROVIDED: If this project is not provided, helicopter flight operations will be severely restricted. The CAB will not be able to function as intended. Pilot and crew hours will fall below Army guidelines of hours needed to maintain flight status. The runway is integral and paramount to the functionality of the other facilities being built for the CAB. Without the runway, the utility of the other facility operations will be diminished.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... NOV 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Runway	5. PROJECT NUMBER 77885
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-----|
| (a) Production of Plans and Specifications..... | 109 |
| (b) All Other Design Costs..... | 324 |
| (c) Total Design Cost..... | 433 |
| (d) Contract..... | 324 |
| (e) In-house..... | 109 |
- (4) Construction Contract Award..... JAN 2014
- (5) Construction Start..... APR 2014
- (6) Construction Completion..... OCT 2015

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer:
Phone Number: (719)-526-3413

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Simulator Building		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 172	7. PROJECT NUMBER 79618	8. PROJECT COST (\$000) Approp 12,200	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY		COST (\$000)
<u>PRIMARY FACILITY</u>					9,968
Simulator Building		m2 (SF)	4,158 (44,759)		2,066 (8,592)
Modify Simulator Building		EA	1 --		5,742 (6)
Special Foundations		LS	--		-- (996)
Sustainability/Energy Measures		LS	--		-- (236)
Building Information Systems		LS	--		-- (138)
<u>SUPPORTING FACILITIES</u>					1,070
Electric Service		LS	--		-- (98)
Water, Sewer, Gas		LS	--		-- (83)
Steam And/Or Chilled Water Dist		LS	--		-- (221)
Paving, Walks, Curbs & Gutters		LS	--		-- (258)
Storm Drainage		LS	--		-- (27)
Site Imp(332) Demo()		LS	--		-- (332)
Information Systems		LS	--		-- (31)
Antiterrorism Measures		LS	--		-- (20)
ESTIMATED CONTRACT COST					11,038
CONTINGENCY (5.00%)					552
SUBTOTAL					11,590
SUPV, INSP & OVERHEAD (5.70%)					661
TOTAL REQUEST					12,251
TOTAL REQUEST (ROUNDED)					12,200
INSTALLED EQT-OTHER APPROP					(83,916)
10. Description of Proposed Construction Construct a Simulator Building (non-motion based) for flight simulator training. Primary facilities include the simulator building, connection (modification) to the existing simulator building, special foundations, and building information systems. Energy Monitoring and Control System (EMCS) connection, and Intrusion Detection System (IDS) installation are included. Building information systems for this facility are unique in nature and not included in the unit cost of the building. Sustainability/Energy measures will be provided. Supporting facilities include electric service, water, sewer and gas, steam, and/or chilled water distribution, paving, walks, curbs and gutters, storm drainage, site improvements, and information systems. Heating and cooling will be provided from either a Central Energy Plant or individual heating units depending on what is most cost effective. Features in accordance with the Department of Defense (DOD) minimum antiterrorism measures for building standards will be included. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air					

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Simulator Building	5. PROJECT NUMBER 79618	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) Conditioning (Estimated 176 kW _r /50 Tons).		
11. REQ: 4,948 m2 ADQT: 790 m2 SUBSTD: NONE PROJECT: Construct a Simulator Building at Fort Carson, Colorado. (Current Mission)		
<u>REQUIREMENT:</u> Fort Carson requires this project to house the following simulators: the model UH-60M Transportable Blackhawk Helicopter Operations Simulator, the model CH-47F Chinook Helicopter Transportble Flight Proficiency Simulator, two additional model AH-64D Apache Helicopter simulators, and the Nonrated Crewmember Manned Module air crew gunnery trainer.		
<u>CURRENT SITUATION:</u> Currently, simulators are placed on concrete pads and exposed to the elements causing multiple problems with the sustainment and availability of this equipment. High wind causes the simulator trailers to move excessively leading to downtime and excessive maintenance. Fort Carson experiences high wind warnings during the fall and spring months. Extreme temperature shifts from summer to winter months cause unneeded wear and tear leading to component failures. Simulators exposed to cold weather result in water bearing components of environmental control units (ECUs) freezing and failing. Electronic control units in simulators exposed to extreme high temperatures are forced to work excessively which leads to pre-mature failure. All exposed surfaces are subject to undue corrosion when kept outside. Sensitive diagnostic equipment, parts and tools required to support these simulators do not have environmentally controlled storage available. The existing simulator building must be partially reconfigured to provide a personnel access control area and hallway to the new simulator area.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Carson will not be able to protect training simulators and supporting equipment. Training components will be exposed to the elements drastically reducing useful life and compromising reliable use for training. Training in accordance with current Army standards will be negatively impacted.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Simulator Building	5. PROJECT NUMBER 79618
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAY 2012
 - (b) Percent Complete As Of January 2013..... 65.00
 - (c) Date 35% Designed..... SEP 2012
 - (d) Date Design Complete..... AUG 2013
 - (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:
Joint Base Elmendorf-Richardson

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 650
 - (b) All Other Design Costs..... 260
 - (c) Total Design Cost..... 910
 - (d) Contract..... 650
 - (e) In-house..... 260

- (4) Construction Contract Award..... FEB 2014
- (5) Construction Start..... MAR 2014
- (6) Construction Completion..... SEP 2015

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Simulator Building	5. PROJECT NUMBER 79618
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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>
Simulators	OPA	2015	83,000
Sim. Equipment	OPA	2014	630
IDS Equipment	OPA	2014	260
Info Sys - ISC	OPA	2015	26
		TOTAL	<u>83,916</u>

Installation Engineer:
Phone Number: (719)-526-3415

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Carson Colorado			4. PROJECT TITLE Central Energy Plant		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 891	7. PROJECT NUMBER 80433	8. PROJECT COST (\$000) Approp 34,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					27,252
Central Energy Plant		EA	1 --	13300766	(13,301)
Hot Water Lines		m (LF)	8,291 (27,200)	697.57	(5,783)
Chilled Water Lines		m (LF)	8,291 (27,200)	944.55	(7,831)
EMCS Connection		LS	--	--	(135)
Sustainability/Energy Measures		LS	--	--	(60)
Total from Continuation page					(142)
<u>SUPPORTING FACILITIES</u>					2,114
Electric Service		LS	--	--	(406)
Water, Sewer, Gas		LS	--	--	(391)
Paving, Walks, Curbs & Gutters		LS	--	--	(215)
Storm Drainage		LS	--	--	(130)
Site Imp(480) Demo()		LS	--	--	(480)
Information Systems		LS	--	--	(444)
Antiterrorism Measures		LS	--	--	(48)
ESTIMATED CONTRACT COST					29,366
CONTINGENCY (5.00%)					1,468
SUBTOTAL					30,834
SUPV, INSP & OVERHEAD (5.70%)					1,758
DESIGN/BUILD - DESIGN COST					1,233
TOTAL REQUEST					33,825
TOTAL REQUEST (ROUNDED)					34,000
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct a Central Energy Plant (CEP). The primary facility will produce electricity and hot and cold water. The plant will be capable of using renewable energy and bio-based fuels. The CEP will include power generation, heat exchangers, boilers, hot and cold water distribution lines, associated pumps, piping and controls, and energy storage. The project also includes mechanical and electrical systems, building information systems, fire protection and alarm systems, and Energy Monitoring Control Systems (EMCS) connection. Sustainability and energy enhancement measures are included. Building information systems, anti-terrorism/force protection (AT/FP) measures and EMCS connection for this facility are unique in nature and not included in the unit cost of the building. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, information systems, landscaping and signage. Force Protection measures will be in accordance with the Department of Defense (DoD) Minimum Antiterrorism for building standards. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air					

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013																									
3. INSTALLATION AND LOCATION Fort Carson, Colorado																											
4. PROJECT TITLE Central Energy Plant	5. PROJECT NUMBER 80433																										
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 727 562">Item</th> <th data-bbox="727 531 954 562">UM (M/E)</th> <th data-bbox="954 531 1239 562">QUANTITY</th> <th data-bbox="1239 499 1360 562">Unit COST</th> <th data-bbox="1360 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 678 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 727 657">Antiterrorism Measures</td> <td data-bbox="727 625 954 657">LS</td> <td data-bbox="954 625 1239 657">--</td> <td data-bbox="1239 625 1360 657">--</td> <td data-bbox="1360 625 1510 657">(90)</td> </tr> <tr> <td data-bbox="232 657 727 688">Building Information Systems</td> <td data-bbox="727 657 954 688">LS</td> <td data-bbox="954 657 1239 688">--</td> <td data-bbox="1239 657 1360 688">--</td> <td data-bbox="1360 657 1510 688">(52)</td> </tr> <tr> <td colspan="3" data-bbox="1239 688 1360 720"></td> <td data-bbox="1239 688 1360 720">Total</td> <td data-bbox="1360 688 1510 720">142</td> </tr> </tbody> </table> <p data-bbox="232 751 1023 783"><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p data-bbox="232 783 881 814">Conditioning (Estimated 106 kW_r/30 Tons).</p>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Antiterrorism Measures	LS	--	--	(90)	Building Information Systems	LS	--	--	(52)				Total	142
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Antiterrorism Measures	LS	--	--	(90)																							
Building Information Systems	LS	--	--	(52)																							
			Total	142																							
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE																											
<u>PROJECT:</u> Construct a Central Energy Plant (CEP) at Fort Carson, Colorado. (Current Mission)																											
<u>REQUIREMENT:</u> This project is required to provide heating and air conditioning in support of facilities at Butts Army Airfield and the Wilderness Road Complex at Fort Carson. The central utility demand comes from current and ongoing construction at both areas being used to support stationing actions. A substantial number of mission essential facilities will be built in close physical proximity to each other. A CEP becomes an optimal energy solution when a large number of buildings are clustered close to each other. Centralized utilities versus an individual building approach are a more efficient strategy at these locations. The CEP is being designed with sufficient capacity to provide heating, cooling, and electric service to the Combat Aviation Brigade (CAB) facilities and also to provide sufficient capacity for emergency service to mission essential facilities in the event of an electric grid failure. Fort Carson has been designated a Net-Zero (Energy) installation for the Army. The CEP concept will allow for future sustainability enhancements, such as alternative fuels.																											
<u>CURRENT SITUATION:</u> Currently, the existing facilities at Fort Carson rely primarily on grid purchased electricity and natural gas to power independent boilers and chillers within each building. This is an inefficient way to deliver energy and the cost is subject to market changes. Fort Carson was designated as a pilot installation for achieving Net Zero Energy, Water, and Waste.																											
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Carson will continue to rely solely on grid purchased electricity and natural gas. Direct purchase is more costly and makes the installation vulnerable to large area utility outages. Each building would require self-contained units if the energy plant is not built. Individual building-wide heating and cooling systems are far less efficient. The energy conservation measures in support of Net-Zero goals will not be achieved without the CEP.																											
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required																											

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Central Energy Plant	5. PROJECT NUMBER 80433
--	--------------------------------

ADDITIONAL: (CONTINUED)

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... NOV 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... OCT 2014
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 825
 - (b) All Other Design Costs..... 1,000
 - (c) Total Design Cost..... 1,825
 - (d) Contract..... 775
 - (e) In-house..... 1,050

- (4) Construction Contract Award..... FEB 2014

- (5) Construction Start..... APR 2014

- (6) Construction Completion..... OCT 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Carson, Colorado

4. PROJECT TITLE Central Energy Plant	5. PROJECT NUMBER 80433
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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:
Phone Number: (719)-526-3415

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Florida	Eglin Air Force Base (USASOC)				
77539	Automated Sniper Field Fire Range	4,700	4,700	C	47
	Subtotal Eglin Air Force Base Part I	\$ 4,700	4,700		
	* TOTAL MCA FOR Florida	\$ 4,700	4,700		

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1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Eglin Air Force Base Florida				4.PROJECT TITLE Automated Sniper Field Fire Range		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 178	7.PROJECT NUMBER 77539		8.PROJECT COST (\$000) Approp 4,700	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,863
Sniper Field Fire Range		FP	4	--	677,886	(2,712)
Range Operations Control Area		EA	1	--	138,182	(138)
Control Tower		EA	1	--	225,930	(226)
Classroom Building		m2 (SF)	74.32	(800)	2,089	(155)
Operations/Storage Bldg		m2 (SF)	74.32	(800)	1,928	(143)
Total from Continuation page						(489)
<u>SUPPORTING FACILITIES</u>						360
Electric Service		LS	--	--	--	(183)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(75)
Site Imp(8) Demo()		LS	--	--	--	(8)
Information Systems		LS	--	--	--	(94)
ESTIMATED CONTRACT COST						4,223
CONTINGENCY (5.00%)						211
SUBTOTAL						4,434
SUPV, INSP & OVERHEAD (5.70%)						253
TOTAL REQUEST						4,687
TOTAL REQUEST (ROUNDED)						4,700
INSTALLED EQT-OTHER APPROP						(1,195)
10.Description of Proposed Construction Construct a modified Automated Sniper Field Fire (ASFF) Range for the US Army Special Operations Command (USASOC). Primary facilities include the SFF Range, range operations control area, control tower, classroom building, operations/storage building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and battery shop. Primary facilities also include Energy Monitoring Control Systems (EMCS) connections, Intrusion Detection Systems (IDS) installation and building information systems. Sustainability/Energy measures will be provided. Supporting facilities include electric service; paving, walks, curbs and gutters; site improvements; and information systems. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air Conditioning (Estimated 42 kW _r /12 Tons).						
11. REQ:		4 FP		ADQT: NONE		SUBSTD: NONE
PROJECT: Construct a modified Automated Sniper Field Fire (ASFF) Range at Eglin Air Force Base, Florida. (Current Mission)						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Eglin Air Force Base, Florida

4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 77539
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine	m2 (SF)	30.66 (330)	4,042	(124)
Bleacher Enclosure	EA	1 --	80,754	(81)
Covered Mess	m2 (SF)	74.32 (800)	1,181	(88)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	4,458	(77)
Battery Shop	m2 (SF)	55.74 (600)	1,948	(109)
Sustainability/Energy Measures	LS	--	--	(10)
Total				489

REQUIREMENT: The Sniper Field Fire Range at Eglin Air Force Base will serve US Army Special Operations Forces (SOF), Air Force SOF, Navy SOF, and Army National Guard SOF units. Combat standard training requirements include advanced sniper training. The stationary infantry target emplacements will be battery powered in lieu of hard-wire power, resulting in a slight deviation from the standard design. A battery shop is included in support of this change. Battery powered emplacements allow targets to be re-configured, resulting in expanded training flexibility.

CURRENT SITUATION: Currently, sniper training takes place at Fort Bragg. There are no existing sniper training facilities at Eglin Air Force Base. The Army units supported by this project were moved from Fort Bragg to Eglin Air Force Base. The two installations are 720 miles apart. Traveling such a long distance decreases time available for operation/training and decreases mission readiness.

IMPACT IF NOT PROVIDED: If this project is not provided, units will continue to have a significant training and logistical burden to accomplish their Mission Essential Tasks. They will not be able to maintain skills on Special Operations Level 1 and Level 2 sniper training. The Special Forces battalions supported by this project will continue to train under circumstances that will negatively impact the degree of proficiency required for combat.

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Eglin Air Force Base, Florida		
4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 77539	
ADDITIONAL: (CONTINUED) laws and Executive Orders.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>AUG 2011</u>
(b) Percent Complete As Of January 2013.....		<u>35.00</u>
(c) Date 35% Designed.....		<u>JAN 2013</u>
(d) Date Design Complete.....		<u>SEP 2013</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Design-bid-build		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used:		
Fort Carson		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>125</u>
(b) All Other Design Costs.....		<u>305</u>
(c) Total Design Cost.....		<u>430</u>
(d) Contract.....		<u>305</u>
(e) In-house.....		<u>125</u>
(4) Construction Contract Award.....		
<u>JAN 2014</u>		
(5) Construction Start.....		
<u>MAR 2014</u>		
(6) Construction Completion.....		
<u>MAR 2015</u>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Eglin Air Force Base, Florida

4. PROJECT TITLE Automated Sniper Field Fire Range	5. PROJECT NUMBER 77539
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Targetry and Instrumentation	OPA	2015	1,139
Info Sys - ISC	OPA	2015	28
Info Sys - PROP	OPA	2015	28
		TOTAL	1,195

Installation Engineer:
Phone Number: 850-882-2876

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Georgia	Fort Gordon (IMCOM)				53
51868	Adv Individual Training Barracks Cplx, Ph2	61,000	61,000	C	55
	Subtotal Fort Gordon Part I	\$ 61,000	61,000		
	* TOTAL MCA FOR Georgia	\$ 61,000	61,000		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Gordon Georgia			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.88	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 OCT 2012	1424	5786	3024	827	4167	15	
B. END FY 2018	1401	5240	3090	811	4109	24	
						TOTAL	
						23,725	
						23,439	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	23,684 ha		(58,524 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....					4,092,721		
C. AUTHORIZATION NOT YET IN INVENTORY.....					185,227		
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....					61,000		
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....					0		
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....					0		
G. REMAINING DEFICIENCY.....					1,781,530		
H. GRAND TOTAL.....					6,120,478		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START COMPLETE	
721	51868	Adv Individual Training Barracks Cplx, Ph2			61,000	09/2011 09/2013	
TOTAL					61,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
<p>Fort Gordon is home to numerous tenant units with diverse missions. Presently the largest is the US Army Signal Corps and includes the largest information technology and communications training school in the Armed Forces. The installation is also home to the SE Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the Army's only Dental Laboratory, the 93rd Sig Bde (FORSCOM) - theater tactical communications, the Gordon Regional Security Operations Center (INSCOM) - one of three Joint CONUS-based intelligence platforms, the 513th MI Bde (INSCOM) - theater-level intelligence and security, and Reserve/National Guard units (359th Sig Bde, RTS-Med, 878th Engineers).</p>							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Gordon, Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Gordon Georgia			4.PROJECT TITLE Adv Individual Training Barracks Cplx, Ph2			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 51868		8.PROJECT COST (\$000) Approp 61,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						42,334
Barracks/Company Ops Facilities		m2 (SF)	17,280 (186,000)		1,829	(31,600)
Consolidated Dining Facility		m2 (SF)	3,060 (32,940)		2,794	(8,550)
Physical Training Area		LS	--		--	(714)
Lawn Equipment Building		m2 (SF)	185.81 (2,000)		3,931	(730)
Sustainability/Energy Measures		LS	--		--	(740)
<u>SUPPORTING FACILITIES</u>						13,013
Electric Service		LS	--		--	(2,112)
Water, Sewer, Gas		LS	--		--	(1,198)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,457)
Storm Drainage		LS	--		--	(1,237)
Site Imp(5,883) Demo(571)		LS	--		--	(6,454)
Information Systems		LS	--		--	(266)
Antiterrorism Measures		LS	--		--	(289)
ESTIMATED CONTRACT COST						55,347
CONTINGENCY (5.00%)						2,767
SUBTOTAL						58,114
SUPV, INSP & OVERHEAD (5.70%)						3,312
TOTAL REQUEST						61,426
TOTAL REQUEST (ROUNDED)						61,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct Phase 2 of a 3-phased standard design Advanced Individual Training (AIT) Barracks Complex. Phase 1 PN 51869 was authorized in FY09 and Phase 3 PN 55516 for \$59M is programmed for FY16. This phase includes Barracks with two Barracks/Company Operation Facilities (BCOF) for 600 Soldiers, a Lawn Equipment Building, a consolidated Dining Facility for 800 persons, a Physical Training (PT) Area, building information systems, fire protection, alarm systems and mass notification, video surveillance system installation, Intrusion Detection System (IDS) installation, and Central Energy Monitoring Control Systems (EMCS) connection. Sustainability and Energy features will be provided. Supporting facilities include site development, parking, required utilities and connections, lighting, paving, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by connection to the existing central energy plant or individual building systems depending on what is most cost effective. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating,						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Gordon, Georgia		
4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph2	5. PROJECT NUMBER 51868	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 2 buildings (TOTAL 2,657 m2/28,601 SF). Air Conditioning (Estimated 352 kW/100 Tons).</p>		
<p>11. REQ: 5,000 PN ADQT: 2,324 PN SUBSTD: 2,676 PN PROJECT: Construct Phase 2 of a 3-phased standard design AIT Barracks Complex at Fort Gordon, Georgia. (Current Mission) REQUIREMENT: This project is required to provide living quarters for Soldiers that meet current standards. The maximum and intended barracks utilization is for 600 Soldiers. The installation does not have existing buildings that can meet this requirement. CURRENT SITUATION: The existing three-story, squad-bay, company size barracks were built between 1958 and 1971. Several configurations were used to house 200 to 300 personnel (PN). These buildings are in poor condition, rapidly deteriorating and reaching the end of their useful life. They do not meet Army standards. Fort Gordon has ten temporary relocatable buildings (RLB's) which provide billeting for 2,148 trainees. The space is substandard, allowing only 72 SF/PN. This is 18 SF/PN below the Army AIT standard of 90 SF/PN. These RLB's are currently being used to accommodate the existing barracks shortfall. Throughput demand for training is not expected to change. The shortfall in AIT barracks will remain. The lack of billeting has forced Soldiers to live off-post and in RLB's. The barracks shortfall is expected to continue with Soldiers living off post. Existing facilities are planned to be demolished as part of the project. Upon completion of the project, the relocatable buildings will be turned into Defense Logistics Agency Disposition Services. IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to be billeted in substandard living accommodations or housed off post. Living in substandard facilities and living away from fellow Soldiers are detrimental to morale. This may decrease military retention. The billeting shortfall will continue. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Gordon, Georgia

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph2	5. PROJECT NUMBER 51868
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ADDITIONAL: (CONTINUED)
laws and Executive Orders.

	FY2009 (\$000)	Requested FY2014 (\$000)	FYDP FY2016 (\$000)
Authorization	\$32,000	\$61,000	\$59,000
Authorization of Appropriation	\$32,000	\$61,000	\$59,000
Appropriation	\$32,000	\$61,000	\$59,000

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 3,350
 - (b) All Other Design Costs..... 750
 - (c) Total Design Cost..... 4,100
 - (d) Contract..... 600
 - (e) In-house..... 3,500

 - (4) Construction Contract Award..... MAR 2014

 - (5) Construction Start..... APR 2014

 - (6) Construction Completion..... OCT 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Gordon, Georgia

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph2	5. PROJECT NUMBER 51868
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

Installation Engineer:
Phone Number: 706-791-6376

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Hawaii	Fort Shafter (IMCOM)				61
67157	Command and Control Facility - Admin	75,000	75,000	C	63
	Subtotal Fort Shafter Part I	\$ 75,000	75,000		
	* TOTAL MCA FOR Hawaii	\$ 75,000	75,000		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM		2. DATE 04 APR 2013							
3. INSTALLATION AND LOCATION Fort Shafter Hawaii		4. COMMAND US Army Installation Management Command		5. AREA CONSTRUCTION COST INDEX 1.95						
6. PERSONNEL STRENGTH:										
	PERMANENT		STUDENTS		SUPPORTED					
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	2206	3499	3186	30	20	1	25	28	3482	12,477
B. END FY 2018	2208	3596	3516	44	26	1	23	22	3116	12,552
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	773 ha		(1,909 AC)							
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							4,541,439			
C. AUTHORIZATION NOT YET IN INVENTORY.....							129,338			
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							75,000			
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							0			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							860,208			
H. GRAND TOTAL.....							5,605,985			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
141	67157	Command and Control Facility - Admin		75,000		04/2010	10/2013			
				TOTAL		75,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE					(\$000)					
A. INCLUDED IN THE FY 2015 PROGRAM:		NONE								
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		NONE								
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A						
10. MISSION OR MAJOR FUNCTIONS:										
Fort Shafter garrisons the Headquarters for United States Army Pacific Command and supporting organizations. It also provides on-post, Army Family Housing (RCI units) for approximately 560 families. Fort Shafter is also home of the 9th Regional Readiness Command (USAR) and Pacific Ocean Division (POD) of the US Army Corps of Engineers.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
A. AIR POLLUTION						(\$000)				
						0				

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Shafter, Hawaii

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

(\$000)

B. WATER POLLUTION

0

C. OCCUPATIONAL SAFETY AND HEALTH

0

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Shafter Hawaii				4.PROJECT TITLE Command and Control Facility - Admin		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 67157		8.PROJECT COST (\$000) Approp 75,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						60,868
Command & Control Facility		m2 (SF)	8,197 (88,237)		6,049	(49,589)
Special Foundation		LS	--		--	(1,971)
Sustainability/Energy Measures		LS	--		--	(953)
Antiterrorism Measures		LS	--		--	(1,045)
Building Information Systems		LS	--		--	(7,310)
<u>SUPPORTING FACILITIES</u>						6,607
Electric Service		LS	--		--	(2,281)
Water, Sewer, Gas		LS	--		--	(36)
Paving, Walks, Curbs & Gutters		LS	--		--	(342)
Storm Drainage		LS	--		--	(74)
Site Imp(3,633) Demo()		LS	--		--	(3,633)
Information Systems		LS	--		--	(241)
ESTIMATED CONTRACT COST						67,475
CONTINGENCY (5.00%)						3,374
SUBTOTAL						70,849
SUPV, INSP & OVERHEAD (6.50%)						4,605
TOTAL REQUEST						75,454
TOTAL REQUEST (ROUNDED)						75,000
INSTALLED EQT-OTHER APPROP						(17,142)
10.Description of Proposed Construction Construct Command and Control Facility administrative areas. Primary facilities include administrative and special use spaces divided into specified security zones, redundant mechanical and electrical systems with backup power for designated areas, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, Energy Monitoring and Control Systems (EMCS) connection, and antiterrorism measures. Building information systems for this project are unique in nature and not included in the unit cost of the building. Increased building Antiterrorism/Force Protection (AT/FP) measures are included to compensate for insufficient setback and provide multi-story, progressive collapse. Sustainability/Energy measures will be provided. Special foundations are required. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by connection to the central utility plant. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Shafter, Hawaii		
4. PROJECT TITLE Command and Control Facility - Admin	5. PROJECT NUMBER 67157	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>building envelope and integrated building systems performance. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Air Conditioning (Estimated 1,055 kW/300 Tons).</p>		
<p>11. REQ: 45,230 m2 ADQT: NONE SUBSTD: 9,462 m2 PROJECT: Construct Command and Control Facility Administrative areas at Fort Shafter, Hawaii. (Current Mission)</p>		
<p>REQUIREMENT: This Command and Control facility is required to provide a consolidated facility to support the command and control requirements of the Theater Army. The Department of the Army has directed that US Army Pacific (USARPAC) transform into an Operational and Expeditionary Army Service Component Command to support the Pacific Command Combatant Commander (COCOM). This project supports the increased scope for size and operational capability needed for the transformed organization.</p>		
<p>CURRENT SITUATION: U.S. Army Pacific functional operations are located in over ten separate WWII wooden buildings. The location of the command and control operations and supporting functions in separate multi-storied structures is inadequate and inefficient. This dispersal of facilities exacerbates operational inefficiencies and shortfalls currently experienced on Fort Shafter. Existing facilities are aged, failing and do not provide the operational space and functional capabilities of electrical, mechanical, and communications infrastructure required by the Command. Existing facilities will be demolished under a separate project, some may be retained due to their historical significance.</p>		
<p>IMPACT IF NOT PROVIDED: If this project is not provided USARPAC will continue to operate inefficiently in separate inadequate buildings and will be unable to fully realize the capabilities demanded of an Operational and Expeditionary Army Service Component Command.</p>		
<p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Shafter, Hawaii

4. PROJECT TITLE Command and Control Facility - Admin	5. PROJECT NUMBER 67157
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... APR 2010
 - (b) Percent Complete As Of January 2013..... 95.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... JUN 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (2) Basis:
 - (a) Standard or Definitive Design: YES
 - (b) Where Most Recently Used:
Fort Bragg
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,069
 - (b) All Other Design Costs..... 3,448
 - (c) Total Design Cost..... 5,517
 - (d) Contract..... 3,448
 - (e) In-house..... 2,069
 - (4) Construction Contract Award..... JAN 2014
 - (5) Construction Start..... JUN 2014
 - (6) Construction Completion..... JUN 2016

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Equipment	OPA	2015	617
Info Sys - ISC	OPA	2015	6,182
Info Sys - PROP	OPA	2015	10,343
		TOTAL	17,142

Installation Engineer:
Phone Number: 808-656-1288

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----		REQUEST	REQUEST			
Kansas	Fort Leavenworth (IMCOM)						69
76024	Simulations Center		17,000	17,000	C		71
	Subtotal Fort Leavenworth Part I		\$ 17,000	17,000			
	* TOTAL MCA FOR Kansas		\$ 17,000	17,000			

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.05	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	1259	1537	2343	1720	44	147	157 744 2167 10,118
B. END FY 2018	1276	1537	2477	1697	35	1133	160 941 2058 11,314
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	2,281 ha		(5,637 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							2,588,041
C. AUTHORIZATION NOT YET IN INVENTORY.....							297,781
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							17,000
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							323,999
H. GRAND TOTAL.....							3,226,821
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
172	76024	Simulations Center		17,000	09/2011	09/2013	
				TOTAL	17,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
<p>The Combined Arms Center provides leadership and command supervision for leader development and professional military/civilian education, institutional and collective training, battle command, all Army doctrine, and specified areas in order to serve as a catalyst for change and to support developing relevant and ready land formations with a campaign capability in support of the Joint Force Commander. The mission of the post also includes the United States Disciplinary Barracks.</p>							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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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 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas				4.PROJECT TITLE Simulations Center		
5.PROGRAM ELEMENT 22212A		6.CATEGORY CODE 172	7.PROJECT NUMBER 76024		8.PROJECT COST (\$000) Approp 17,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,005
Mission Training Complex		m2 (SF)	3,364 (36,210)		3,419	(11,500)
Sustainability/Energy Measures		LS	--		--	(230)
Building Information Systems		LS	--		--	(1,275)
<u>SUPPORTING FACILITIES</u>						2,498
Electric Service		LS	--		--	(1,179)
Water, Sewer, Gas		LS	--		--	(428)
Paving, Walks, Curbs & Gutters		LS	--		--	(41)
Storm Drainage		LS	--		--	(201)
Site Imp(321) Demo()		LS	--		--	(321)
Information Systems		LS	--		--	(279)
Antiterrorism Measures		LS	--		--	(49)
ESTIMATED CONTRACT COST						15,503
CONTINGENCY (5.00%)						775
SUBTOTAL						16,278
SUPV, INSP & OVERHEAD (5.70%)						928
TOTAL REQUEST						17,206
TOTAL REQUEST (ROUNDED)						17,000
INSTALLED EQT-OTHER APPROP						(1,689)
10.Description of Proposed Construction Construct a Mission Training Complex (MTC) (Simulations Center) in support of the expanded Regional Support Center (RSC) mission. Primary facilities include the MTC and building information systems, Energy Monitoring and Control System (EMCS) connection, and Intrusion Detection System (IDS) installation. Building information systems for this MTC are unique and not included in the unit costs of the building. Sustainability/Energy measures will be provided. Supporting facilities include electric service; water; sewer and gas; paving; parking; walks; curbs and gutters; storm drainage; site improvements; and information systems. Heating and air conditioning will be provided by self contained units. Features in accordance with the Department of Defense (DOD) minimum antiterrorism measures for building standards will be included. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air Conditioning (Estimated 264 kW/75 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Leavenworth, Kansas		
4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 76024	
<p>11. REQ: 12,027 m2 ADQT: 8,638 m2 SUBSTD: 3,389 m2 PROJECT: Construct a Mission Training (MTC) Complex (Simulations Center) Fort Leavenworth, Kansas. (Current Mission) REQUIREMENT: This project is required to support the Fort Leavenworth Regional Support Center (RSC) and the individual and collective digital training and battle staff training. The National Simulations Center (NSC) is expanding its mission and will be required to support up to six simulation exercises on a global, world-wide basis. CURRENT SITUATION: The NSC mission is housed in Building 45. Building 45 was originally constructed in 1882 as a barracks building and was renovated in 1995 to house the mission of the NSC. The facility capability does not support expanded training needs for battle command using increased simulations; instrumentation; and Command, Control, Communications, Computers and Intelligence (C4I) systems. Present training limits the integration of combat systems C4I, and equipment and does not provide a platform for integration of other Army and joint battle command systems. Minimum required capabilities of integrating architecture, operational C4I system simulation, reach and training sustainment are not available. IMPACT IF NOT PROVIDED: If this project is not provided, the Fort Leavenworth mission training complex will not have the adequate space required to house the expanded mission of the RSC and provide adequate battle training and simulation enhanced facilities for individual and collective digital and battle staff training. The quality of battle command and staff simulation exercises and unit C4I expertise will decline. Essential training and skill development will not be able to keep pace with mission demands. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 76024
--	--------------------------------

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013
 - (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..... 930
 - (b) All Other Design Costs..... 370
 - (c) Total Design Cost..... 1,300
 - (d) Contract..... 930
 - (e) In-house..... 370

 - (4) Construction Contract Award..... JAN 2014

 - (5) Construction Start..... MAR 2014

 - (6) Construction Completion..... MAR 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4. PROJECT TITLE Simulations Center	5. PROJECT NUMBER 76024
--	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
UPS	OPA	2015	1,230
Equipment	OPA	2015	50
Info Sys - ISC	OPA	2015	409
TOTAL			1,689

Installation Engineer:
Phone Number: 913-684-8926

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kentucky	Fort Campbell (IMCOM)				77
78778	Battlefield Weather Support Facility	4,800	4,800	C	79
	Subtotal Fort Campbell Part I	\$ 4,800	4,800		
	* TOTAL MCA FOR Kentucky	\$ 4,800	4,800		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.96	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 OCT 2012	4155	25491	2816	47	247	0	
B. END FY 2018	4168	25369	2981	36	226	0	
						TOTAL	
						39,882	
						38,008	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	45,518 ha		(112,477 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....					8,876,680		
C. AUTHORIZATION NOT YET IN INVENTORY.....					1,604,535		
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....					4,800		
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....					52,000		
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....					0		
G. REMAINING DEFICIENCY.....					2,036,997		
H. GRAND TOTAL.....					12,575,012		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
141	78778	Battlefield Weather Support Facility		4,800	10/2011	08/2013	
				TOTAL	4,800		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM:							
214	Vehicle Maintenance Shop			31,000			
211	Unmanned Aerial Vehicle Hangar			21,000			
				TOTAL	52,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							
10. MISSION OR MAJOR FUNCTIONS:							
Support and train an Airborne (Air Assault) Division, the 160th Special Operations Aviation Regiment, 5th Special Forces Group, and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Campbell, Kentucky

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky				4.PROJECT TITLE Battlefield Weather Support Facility		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 78778		8.PROJECT COST (\$000) Approp 4,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,303
Battlefield Weather Spt Fac		m2 (SF)	1,356 (14,600)		2,257	(3,062)
Covered Hardstand		m2 (SF)	9.29 (100)		645.86	(6)
Organizational Vehicle Parking		m2 (SY)	2,054 (2,456)		84.98	(174)
Sustainability/Energy Measures		LS	--		--	(61)
<u>SUPPORTING FACILITIES</u>						1,042
Electric Service		LS	--		--	(163)
Water, Sewer, Gas		LS	--		--	(89)
Paving, Walks, Curbs & Gutters		LS	--		--	(70)
Storm Drainage		LS	--		--	(184)
Site Imp(160) Demo(49)		LS	--		--	(209)
Information Systems		LS	--		--	(320)
Antiterrorism Measures		LS	--		--	(7)
ESTIMATED CONTRACT COST						4,345
CONTINGENCY (5.00%)						217
SUBTOTAL						4,562
SUPV, INSP & OVERHEAD (5.70%)						260
TOTAL REQUEST						4,822
TOTAL REQUEST (ROUNDED)						4,800
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a large detachment standard design Battlefield Weather Support Facility to include, flight administration and support areas, equipment support bay with arms vault and storage, readiness/personnel support bay, covered hardstand, organizational vehicle parking with apron. Work also includes building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Sustainability and energy enhancement measures are included. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by self contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided as required. Demolish 1 building (TOTAL 372 m2/4,000 SF). Air Conditioning (Estimated 130 kW/37 Tons).						
11. REQ:		18,621 m2	ADQT:	5,231 m2	SUBSTD:	47 m2
PROJECT: Construct a standard design Battlefield Weather Support Facility at						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013												
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky														
4. PROJECT TITLE Battlefield Weather Support Facility	5. PROJECT NUMBER 78778													
<p>PROJECT: (CONTINUED)</p> <p>Fort Campbell, Kentucky. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is required to support the U.S. Air Force Weather Squadron at Fort Campbell. This detachment requires adequate facilities to provide direct support to the Airborne Division, and two Combat Aviation Brigades (CABs) as well as the emerging requirement to support the Unmanned Aerial Vehicle missions of the Brigade Combat Teams.</p> <p><u>CURRENT SITUATION:</u> The current facility is a modular administrative trailer with less than 50% of the unit's required space. The unit is also co-using facilities occupied by Air Support Operations Squadron (ASOS) and includes both Tactical Air Control Party (TACP) and Weather Flights. Both TACP and Weather manning will increase in strength to a level that the current building will not be able to support. The Army provides office space, facilities and real property to house Air Force weather unit administration, forecasting and observing operations, and Air Force and/or contract weather equipment maintenance personnel in support of Army units.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If the facility is not provided, airfield operations services will continue in an inefficient manner. Support to the Air-Assault Division and CAB will continue to be inadequate due to the lack of an administrative office, storage space for repair parts/equipment, and a training facility. Overtime, crew proficiency will be negatively impacted.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>														
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table data-bbox="310 1675 1385 1869"> <tr> <td>(a) Date Design Started.....</td> <td>OCT 2011</td> </tr> <tr> <td>(b) Percent Complete As Of January 2013.....</td> <td>35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>JAN 2013</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>AUG 2013</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table>			(a) Date Design Started.....	OCT 2011	(b) Percent Complete As Of January 2013.....	35.00	(c) Date 35% Designed.....	JAN 2013	(d) Date Design Complete.....	AUG 2013	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Design-bid-build	
(a) Date Design Started.....	OCT 2011													
(b) Percent Complete As Of January 2013.....	35.00													
(c) Date 35% Designed.....	JAN 2013													
(d) Date Design Complete.....	AUG 2013													
(e) Parametric Cost Estimating Used to Develop Costs	YES													
(f) Type of Design Contract: Design-bid-build														

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE Battlefield Weather Support Facility	5. PROJECT NUMBER 78778
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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:
Joint Base Lewis-McChord

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

(a) Production of Plans and Specifications.....	200
(b) All Other Design Costs.....	300
(c) Total Design Cost.....	500
(d) Contract.....	100
(e) In-house.....	400

 - (4) Construction Contract Award..... APR 2014
 - (5) Construction Start..... MAY 2014
 - (6) Construction Completion..... APR 2015

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:
Phone Number: (270)-798-9700

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	----- REQUEST	----- REQUEST		-----
Maryland	Aberdeen Proving Ground (IMCOM)				85
81875	Operations and Maintenance Facilities	21,000	21,000	C	87
	Subtotal Aberdeen Proving Ground Part I	\$ 21,000	21,000		
	Fort Detrick (IMCOM)				91
62204	Hazardous Material Storage Building	4,600	4,600	C	93
73384	Entry Control Point	2,500	2,500	C	96
	Subtotal Fort Detrick Part I	\$ 7,100	7,100		
	* TOTAL MCA FOR Maryland	\$ 28,100	28,100		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.00	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	1041	1479	11505	5	6	2	127 256 9554 23,975
B. END FY 2018	1044	1514	10999	5	4	3	127 255 9462 23,413
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	29,291 ha		(72,380 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							4,694,140
C. AUTHORIZATION NOT YET IN INVENTORY.....							192,591
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							21,000
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							15,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							0
H. GRAND TOTAL.....							4,923,231
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY	PROJECT					COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE				(\$000)	START COMPLETE
113	81875	Operations and Maintenance Facilities				21,000	01/2013 10/2013
TOTAL						21,000	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY						COST	
CODE		PROJECT TITLE				(\$000)	
A. INCLUDED IN THE FY 2015 PROGRAM:							
851		Defense Access Roads				15,500	
TOTAL						15,500	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):						N/A	
10. MISSION OR MAJOR FUNCTIONS:							
<p>The Aberdeen Area of Aberdeen Proving Ground serves as the location of the installation headquarters. The focus of major missions undertaken at the installation include support for the Army's Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) team, the Army Test and Evaluation Command, Army Research Institute's Human Systems Research. The Edgewood Area of Aberdeen Proving Ground provides research and development in the chemical, biological, and radiological areas.</p>							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Aberdeen Proving Ground, Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland				4.PROJECT TITLE Operations and Maintenance Facilities		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 113	7.PROJECT NUMBER 81875		8.PROJECT COST (\$000) Approp 21,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,380
Aerostat Pads		m2 (SF)	50,586 (544,500)		70.92	(3,588)
Unit Ops/Maintenance Facilities		EA	1 --		1498874	(1,499)
Electrical Connection		EA	1 --		5835200	(5,835)
Sustainability/Energy Measures		LS	--		--	(101)
Building Information Systems		LS	--		--	(357)
<u>SUPPORTING FACILITIES</u>						7,451
Water, Sewer, Gas		LS	--		--	(1,181)
Paving, Walks, Curbs & Gutters		LS	--		--	(27)
Storm Drainage		LS	--		--	(1,940)
Site Imp(3,040) Demo()		LS	--		--	(3,040)
Information Systems		LS	--		--	(1,263)
ESTIMATED CONTRACT COST						18,831
CONTINGENCY (5.00%)						942
SUBTOTAL						19,773
SUPV, INSP & OVERHEAD (5.70%)						1,127
TOTAL REQUEST						20,900
TOTAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						(3,998)
10.Description of Proposed Construction Construct aerostat pads, operation and maintenance facilities, communications infrastructure, and electrical power transmission and distribution infrastructure to support missile defense equipment. Work also includes information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Sustainability and energy enhancement measures are included. Supporting facilities include site development, access lanes, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, and signage. Heating and air conditioning will be provided by self contained system. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Other than Military Construction Army (MCA) funds will be utilized for all associated environmental mitigation and restoration costs that may be required to support of this project.						
11. REQ:		50,586 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct Operation and Maintenance facilities at Aberdeen Proving Ground, Maryland. (Current Mission)						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4. PROJECT TITLE Operations and Maintenance Facilities	5. PROJECT NUMBER 81875
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REQUIREMENT: This project is required to provide tactical sites supporting doctrinally employed missile defense equipment sets as directed in support of Homeland Defense. The Army will provide Soldiers in support of the operation of missile defense equipment in the Eastern Air Defense Sector. Soldiers will operate systems to detect, track, identify, and classify low-flying, small signature land attack missiles. These systems will provide elevated, persistent, and extended range surveillance and engagement support to Joint Theater Air and Missile Defense (JTAMD).

CURRENT SITUATION: Currently no facility assets exist to support these tactical and operational missile defense equipment requirements at Aberdeen Proving Ground.

IMPACT IF NOT PROVIDED: If this project is not provided, Aberdeen Proving Ground will not be capable of supporting the tactical missile defense equipment operational requirements. Existing capability gaps in defense of the National Capital Region will remain unaddressed.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- | | |
|--|----------|
| (a) Date Design Started..... | JAN 2013 |
| (b) Percent Complete As Of January 2013..... | .00 |
| (c) Date 35% Designed..... | APR 2013 |
| (d) Date Design Complete..... | OCT 2013 |
| (e) Parametric Cost Estimating Used to Develop Costs | NO |
| (f) Type of Design Contract: Design-bid-build | |
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- | | |
|---|-------|
| (a) Production of Plans and Specifications..... | 50 |
| (b) All Other Design Costs..... | 950 |
| (c) Total Design Cost..... | 1,000 |

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Aberdeen Proving Ground, Maryland

4. PROJECT TITLE Operations and Maintenance Facilities	5. PROJECT NUMBER 81875
---	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	735
(e) In-house.....	265
(4) Construction Contract Award.....	MAR 2014
(5) Construction Start.....	APR 2014
(6) Construction Completion.....	APR 2016

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	RDTE	2014	363
Mission Supt Equip	RDTE	2014	50
Shop Supt Equip	RDTE	2014	30
Transformers	RDTE	2014	600
Intrusion Detection Equip	RDTE	2014	88
Electronic Security Equip	RDTE	2014	390
UXO Investig. & Clearance	RDTE	2014	210
Info Sys - ISC	OPA	2015	1,732
Info Sys - PROP	RDT&E	2015	535
		TOTAL	3,998

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1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROGRAM					2. DATE 04 APR 2013				
3. INSTALLATION AND LOCATION Fort Detrick Maryland			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.03					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A.	AS OF 31 OCT 2012	235	585	1850	3	0	0	118	244	5193	8,228
B.	END FY 2018	238	591	1975	3	0	0	199	433	2019	5,458
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		574 ha			(1,419 AC)						
B. INVENTORY TOTAL AS OF 08 JAN 2013.....											3,223,218
C. AUTHORIZATION NOT YET IN INVENTORY.....											85,550
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....											7,100
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....											0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....											0
G. REMAINING DEFICIENCY.....											67,734
H. GRAND TOTAL.....											3,383,602
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:											
CATEGORY PROJECT							COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE					(\$000)	START	COMPLETE		
442	62204	Hazardous Material Storage Building					4,600	05/2012	03/2014		
141	73384	Entry Control Point					2,500	05/2012	07/2013		
						TOTAL	7,100				
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY							COST				
CODE	PROJECT TITLE					(\$000)					
A. INCLUDED IN THE FY 2015 PROGRAM:		NONE									
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		NONE									
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):							N/A				
10. MISSION OR MAJOR FUNCTIONS:											
<p>The US Army Garrison, Fort Detrick, provides conventional installation and mission unique support to DoD and non-DoD organizations engaged in: bio-medical and botanical research and development, medical intelligence, medical logistics and global telecommunications. Major tenant activities include: US Army Medical Research and Materiel Command; US Army Medical Research Institute of Infectious Diseases; US Army Center for Environmental Health Research; National Cancer Institute; US Department of Agriculture; Armed Forces Medical Intelligence Center; Joint Readiness Clinical Advisory Board; Air Force Medical Logistics Office; Naval Medical Logistics Command; US Army Medical Materiel Agency; and the US Army Information Systems Command - 302 Signal Battalion.</p>											

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Detrick, Maryland

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT DEF (TMA)		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Detrick Maryland				4.PROJECT TITLE Hazardous Material Storage Building		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 442	7.PROJECT NUMBER 62204		8.PROJECT COST (\$000) Approp 4,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,747
Hazardous Waste Facility		m2 (SF)	1,217 (13,100)		2,086	(2,539)
Sustainability/Energy Measures		LS	--		--	(51)
Building Information Systems		LS	--		--	(157)
<u>SUPPORTING FACILITIES</u>						1,239
Electric Service		LS	--		--	(240)
Water, Sewer, Gas		LS	--		--	(167)
Paving, Walks, Curbs & Gutters		LS	--		--	(316)
Storm Drainage		LS	--		--	(105)
Site Imp(108) Demo(147)		LS	--		--	(255)
Information Systems		LS	--		--	(140)
Antiterrorism Measures		LS	--		--	(16)
ESTIMATED CONTRACT COST						3,986
CONTINGENCY (5.00%)						199
SUBTOTAL						4,185
SUPV, INSP & OVERHEAD (5.70%)						239
DESIGN/BUILD - DESIGN COST						167
TOTAL REQUEST						4,591
TOTAL REQUEST (ROUNDED)						4,600
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a central hazardous waste facility. Work will include Intrusion Detection System (IDS) installation, Energy Monitoring and Control System (EMCS) connections, and building information systems. Sustainability/Energy measures will be provided. Building information systems for this facility are unique in nature and not included in the unit cost of the building. Supporting facilities include utilities, fire protection and alarm systems, information systems, site improvement, access road, paved apron for maneuvering trucks, walkways, and parking. Measures in accordance with DoD Minimum Antiterrorism for Buildings standards will be provided. Accessibility for individuals with disabilities will be provided. Heating will be provided by on-site, self-sustained systems. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, ASHRAE 189.1 standards through improved building envelope and integrated building systems performance. Demolish 2 buildings (TOTAL 697 m2/7,500 SF). Air Conditioning (Estimated 91 kW/26 Tons).						
11. REQ:		1,217 m2	ADQT:		NONE	SUBSTD: 697 m2
PROJECT: Construct a hazardous waste facility at Fort Detrick, Maryland. (Current Mission)						

1. COMPONENT DEF (TMA)	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Detrick, Maryland

4. PROJECT TITLE Hazardous Material Storage Building	5. PROJECT NUMBER 62204
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REQUIREMENT: This project is required to provide a centralized handling and storage facility for hazardous waste before it is shipped off-site for final disposal. The project supports the National Interagency Bio-defense Campus (NIBC) expanded mission. This centralized facility will ensure the safe handling of hazardous materials within the installation.

CURRENT SITUATION: Current operations are conducted in Building 261 (214 m2) and Building 262 (485 m2). These buildings are aging, undersized and do not meet current requirements for hazardous material storage. These facilities are not designed to safely handle hazardous materials.

IMPACT IF NOT PROVIDED: If the Hazardous Waste Facility is not provided, the NIBC will continue to store, process and handle hazardous materials under current practices in outdated and undersized facilities, imposing greater safety risks to the population on and off post. The expanded mission of the NIBC will exceed the capacity of the existing Hazardous Waste facility at Fort Detrick.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2012
- (b) Percent Complete As Of January 2013..... 35.00
- (c) Date 35% Designed..... JAN 2013
- (d) Date Design Complete..... MAR 2014
- (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)

1. COMPONENT DEF (TMA)	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Fort Detrick, Maryland

4. PROJECT TITLE Hazardous Material Storage Building	5. PROJECT NUMBER 62204
---	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	120
(b) All Other Design Costs.....	40
(c) Total Design Cost.....	160
(d) Contract.....	120
(e) In-house.....	40
(4) Construction Contract Award.....	JAN 2014
(5) Construction Start.....	MAR 2014
(6) Construction Completion.....	JUL 2015

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:
Phone Number: 301-619-2441

1. COMPONENT DEF (TMA)		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Detrick Maryland			4. PROJECT TITLE Entry Control Point		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 141	7. PROJECT NUMBER 73384	8. PROJECT COST (\$000) Approp 2,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,403
Entry Control Point		EA	1 --	1378547	(1,379)
Sustainability/Energy Measures		LS	--	--	(24)
<u>SUPPORTING FACILITIES</u>					834
Electric Service		LS	--	--	(110)
Water, Sewer, Gas		LS	--	--	(180)
Paving, Walks, Curbs & Gutters		LS	--	--	(73)
Storm Drainage		LS	--	--	(124)
Site Imp(146) Demo()		LS	--	--	(146)
Information Systems		LS	--	--	(184)
Antiterrorism Measures		LS	--	--	(17)
ESTIMATED CONTRACT COST					2,237
CONTINGENCY (5.00%)					112
SUBTOTAL					2,349
SUPV, INSP & OVERHEAD (5.70%)					134
TOTAL REQUEST					2,483
TOTAL REQUEST (ROUNDED)					2,500
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct an Entry Control Point to support the National Interagency Bio-defense Campus (NIBC). Project will include a security screening area, a queuing area, a waiting area, a search area, security office, guard room, equipment storage room, visitor center and visitors badging counter, an unsecure meeting room, building information systems, Intrusion Detection System (IDS) installation and Energy Monitoring and Control Systems (EMCS) connections. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, ASHRAE 189.1 standards through improved building envelope and integrated building systems performance. Supporting facilities include utilities, fire protection and alarm systems, information systems, site improvement, and walkways. Measures in accordance with DoD Minimum Antiterrorism for Buildings standards will be provided. Accessibility for individuals with disabilities will be provided. Heating and cooling will be provided by self-contained units. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 18 kW/5 Tons).					
11. REQ:		12 EA ADQT:	11 EA SUBSTD:	1 EA	
PROJECT: Construct a new Entry Control Point at the NIBC on Fort Detrick, Maryland. (Current Mission)					

1. COMPONENT DEF (TMA)	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013												
3. INSTALLATION AND LOCATION Fort Detrick, Maryland														
4. PROJECT TITLE Entry Control Point	5. PROJECT NUMBER 73384													
<p><u>REQUIREMENT:</u> The NIBC is experiencing a significant expansion of mission. This expansion will result in the creation of a complex of multiple laboratories. Each has its own security protocols. The campus is being built within a secure perimeter within the Fort Detrick perimeter. It is necessary to create a common level of security for access into the campus. The facility is necessary to control access. It will also provide a single common point of entry for all visitors without a duplication of the services needed to screen them. The planned security of the Campus is based on three tiers of access. The first tier is the installation boundary fence and its Access Control Points (ACPs). The second tier is the NIBC anti-vehicle fence and this Entry Control Point. The third tier will remain the access control to each building. These tiers are designed to defeat various threats from Vehicle Born Improvised Explosive Devices down to individual weapons.</p> <p><u>CURRENT SITUATION:</u> Current facilities will not meet the expanded mission, accommodate the increased number of personnel, and do not comply with special local security requirements. There is currently no physical security coordination for the NIBC. Each of the laboratories provides its own internal security according to interpretation of the threat.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If the Entry Control Point is not provided, the existing facilities and future programmed facilities will be less secure. Because of the concentration of national bio-defense assets in one location, the threat increases proportionally.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. 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, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>														
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td><u>MAY 2012</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2013.....</td> <td><u>80.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td><u>SEP 2012</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td><u>JUL 2013</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>			(a) Date Design Started.....	<u>MAY 2012</u>	(b) Percent Complete As Of January 2013.....	<u>80.00</u>	(c) Date 35% Designed.....	<u>SEP 2012</u>	(d) Date Design Complete.....	<u>JUL 2013</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-bid-build	
(a) Date Design Started.....	<u>MAY 2012</u>													
(b) Percent Complete As Of January 2013.....	<u>80.00</u>													
(c) Date 35% Designed.....	<u>SEP 2012</u>													
(d) Date Design Complete.....	<u>JUL 2013</u>													
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>													
(f) Type of Design Contract: Design-bid-build														

1. COMPONENT DEF (TMA)	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Fort Detrick, Maryland

4. PROJECT TITLE Entry Control Point	5. PROJECT NUMBER 73384
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	25
(b) All Other Design Costs.....	325
(c) Total Design Cost.....	350
(d) Contract.....	250
(e) In-house.....	100

(4) Construction Contract Award..... JAN 2014

(5) Construction Start..... MAR 2014

(6) Construction Completion..... MAR 2015

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:
Phone Number: 301-619-2441

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Missouri	Fort Leonard Wood (IMCOM)				101
71502	Adv Individual Training Barracks Cplx, Ph1	86,000	86,000	C	103
75019	Simulator Building	4,700	4,700	C	107
		-----	-----		
	Subtotal Fort Leonard Wood Part I	\$ 90,700	90,700		
	* TOTAL MCA FOR Missouri	\$ 90,700	90,700		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.05	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	997	5780	2796	1107	15819	90	81 2133 3856 32,659
B. END FY 2018	1007	5633	3190	1148	11984	115	84 2141 2639 27,941
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	25,605 ha		(63,270 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							4,628,495
C. AUTHORIZATION NOT YET IN INVENTORY.....							1,068,736
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							90,700
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							1,186,274
H. GRAND TOTAL.....							6,974,205
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START	COMPLETE
721	71502	Adv Individual Training Barracks Cplx, Ph1			86,000	12/2011	09/2013
172	75019	Simulator Building			4,700	09/2011	09/2013
TOTAL					90,700		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Prime Power 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 satellite activities and units.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Leonard Wood, Missouri

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4.PROJECT TITLE Adv Individual Training Barracks Cplx, Ph1			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 71502		8.PROJECT COST (\$000) Approp 86,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						59,286
Barracks/Company Ops Facilities		m2 (SF)	17,280 (186,000)		2,272	(39,265)
Battalion HQs w /Classrooms		m2 (SF)	1,013 (10,902)		2,742	(2,777)
Dining Facility		m2 (SF)	3,060 (32,940)		2,753	(8,423)
Special Foundations		LS	--		--	(2,574)
Running Track		m2 (SY)	4,229 (5,058)		98.84	(418)
Total from Continuation page						(5,829)
<u>SUPPORTING FACILITIES</u>						18,561
Electric Service		LS	--		--	(4,966)
Water, Sewer, Gas		LS	--		--	(2,434)
Steam And/Or Chilled Water Dist		LS	--		--	(3,733)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,832)
Storm Drainage		LS	--		--	(1,431)
Site Imp(2,508) Demo(384)		LS	--		--	(2,892)
Information Systems		LS	--		--	(1,013)
Antiterrorism Measures		LS	--		--	(260)
ESTIMATED CONTRACT COST						77,847
CONTINGENCY (5.00%)						3,892
SUBTOTAL						81,739
SUPV, INSP & OVERHEAD (5.70%)						4,659
TOTAL REQUEST						86,398
TOTAL REQUEST (ROUNDED)						86,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct an Army standard design Advanced Individual Training (AIT) Battalion Complex to support 1,200 Soldiers. Phase 2 (PN 71684) for \$63M is programmed in FY 2017. This project constructs two standard design AIT Barracks/Company Operations Facilities (B/COFs), one standard design Battalion Headquarters with Classrooms, one Battalion Dining Facility to support 1,200 Soldiers, one Running Track, four Physical Training (PT) Stations and a central energy plant. Construction includes building information systems, fire detection and sprinkler suppression systems, Energy Monitoring and Control System (EMCS)connection, Intrusion Detection System (IDS) installation, and alarm systems, antiterrorism/force protection (AT/FP) measures. Special foundations and siesmic modifications are required due to site and soil conditions. Building information systems for this facility are unique in nature and not included in the unit cost of the building. Sustainability/Energy measures will be provided. Supporting facilities include utilities, electrical service, enlarging existing electric substation, exterior lighting, water, solar panels on covered parking areas, sewer, storm drainage, and information systems. Road improvements include utilities; sidewalks, parking areas, curbs and gutters; site improvements, signage and landscaping. Access for individuals with disabilities will be provided. Heating and air conditioning will be provided by self-contained systems which						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph1	5. PROJECT NUMBER 71502
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Physical Training Stations	EA	4 --	10,407	(42)
Plant/Utilities Building	m2 (SF)	929.03 (10,000)	2,221	(2,063)
Sustainability/Energy Measures	LS	--	--	(1,168)
Building Information Systems	LS	--	--	(2,556)
			Total	5,829

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

draw energy from a central enery plant. Comprehensive building and furnishings related interior design services are required. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 10 buildings (TOTAL 5,081 m2/54,696 SF). Air Conditioning (Estimated 3,517 kW/1,000 Tons).

11. REQ: 5,024 PN ADQT: 2,850 PN SUBSTD: 894 PN

PROJECT: Construct Advanced Individual Training (AIT) Barracks Complex, Phase 1 at Fort Leonard Wood, Missouri. (Current Mission)

REQUIREMENT: Fort Leonard Wood has a requirement for a total annual AIT training load of 5,024 trainees. This project is required to provide a permanent Advanced Individual Training (AIT) Battalion Complex for 1,200-trainees meeting current standards. This project and the following phase builds out the AIT deficit at Fort Leonard Wood. Training loads continue to exceed capacity even with training loads projected to decrease.

CURRENT SITUATION: The existing inventory of permanent AIT barracks at Fort Leonard Wood cannot support the entire through-put of students with adequate barracks that meet current standards. Those trainees not in adequate barracks are housed in barracks with open bays or squad bays which do not meet AIT housing standards. In addition, some temporary (relocatable) barracks are still in use. In many cases the temporary barracks have limited latrine space, are past their intended life span, and require major repairs. Nearly all of the temporary barracks are outside of the battalion's footprint and exceed walking distances to classroom, dining and physical training facilities as mandated by the AIT standard. Ventilation and air conditioning is limited or supplied by inefficient window units. Existing facilites are planned to be demolished as part of the project. Upon completion of the project, the relocatable buildings will be turned into Defense Logistics Agency Disposition Services.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to live in conditions that do not provide for efficient training.

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph1	5. PROJECT NUMBER 71502
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IMPACT IF NOT PROVIDED: (CONTINUED)

Living environment for Soldiers will deteriorate and may adversely affect morale and career retention. Battalion headquarters functions will continue to be conducted in substandard facilities that jeopardize mission functions and that are located remotely from the barracks and other battalion facilities. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

	Requested FY2014 (\$000)	FYDP FY2017 (\$000)
Authorization	\$86,000	\$63,000
Authorization of Appropriation	\$86,000	\$63,000
Appropriation	\$86,000	\$63,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... DEC 2011

(b) Percent Complete As Of January 2013..... 40.00

(c) Date 35% Designed..... SEP 2012

(d) Date Design Complete..... SEP 2013

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Adapt-Build

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

(2) Basis:

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Fort Leonard Wood, Missouri

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph1	5. PROJECT NUMBER 71502
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	1,612
(b) All Other Design Costs.....	806
(c) Total Design Cost.....	2,418
(d) Contract.....	1,612
(e) In-house.....	806
(4) Construction Contract Award.....	FEB 2014
(5) Construction Start.....	APR 2014
(6) Construction Completion.....	APR 2016

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:
Phone Number: (573)-596-3233

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. PROJECT TITLE Simulator Building		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 172	7. PROJECT NUMBER 75019		8. PROJECT COST (\$000) Approp 4,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,013
Simulator Building		m2 (SF)	890.75 (9,588)		2,973	(2,648)
Special Foundations		LS	--		--	(103)
Sustainability/Energy Measures		LS	--		--	(53)
Building Information Systems		LS	--		--	(209)
<u>SUPPORTING FACILITIES</u>						1,217
Electric Service		LS	--		--	(83)
Water, Sewer, Gas		LS	--		--	(77)
Paving, Walks, Curbs & Gutters		LS	--		--	(131)
Storm Drainage		LS	--		--	(58)
Site Imp(165) Demo(102)		LS	--		--	(267)
Information Systems		LS	--		--	(585)
Antiterrorism Measures		LS	--		--	(16)
ESTIMATED CONTRACT COST						4,230
CONTINGENCY (5.00%)						212
SUBTOTAL						4,442
SUPV, INSP & OVERHEAD (5.70%)						253
TOTAL REQUEST						4,695
TOTAL REQUEST (ROUNDED)						4,700
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a Simulator Building (Non-Motion-Based) in support of the basic training mission. Primary facilities include the simulator building, special foundations, building information systems, Intrusion Detection System (IDS) installation and Energy Monitoring and Control System (EMCS) connection. Sustainability/Energy measures will be provided. Building information systems for this facility are unique in nature and not included in the unit cost of the building. Supporting facilities include electric service; water; sewer and gas; paving; parking; walks; curbs and gutters; storm drainage; site improvements; and information systems. Features in accordance with the Department of Defense (DoD) minimum antiterrorism measures for building standards will be included. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 9 buildings (TOTAL 2,007 m2/21,600 SF). Air Conditioning (Estimated 88 kWr/25 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Leonard Wood, Missouri		
4. PROJECT TITLE Simulator Building	5. PROJECT NUMBER 75019	
11. REQ: 1,472 m2 ADQT: 474 m2 SUBSTD: 998 m2		
PROJECT: Construct a Simulator Building at Fort Leonard Wood, Missouri. (Current Mission)		
<u>REQUIREMENT:</u> Fort Leonard Wood supports marksmanship training for Soldiers in Basic Training, Advanced Individual Training, One Station Unit Training, the Basic Officer Leader Course, Forces Command (FORSCOM), Training and Doctrine Command (TRADOC), Army Reserve, Army National Guard and Army Military Police. Engagement Skills Training (EST) simulators provide initial and sustainment marksmanship training, static unit collective gunnery and tactical training, and shoot/don't shoot training. It supports the following three modes of training: marksmanship, squad/fire team collective, and judgmental use of force. This allows the trainees to survive their "first fights" in a safe virtual environment.		
<u>CURRENT SITUATION:</u> There are currently 145-EST lanes at Fort Leonard Wood to support this training. Of 145-EST lanes, 60-lanes are housed in permanent facilities. The remaining 85-EST lanes are housed in temporary trailers which are not real property. These trailers were installed in 2003 and are now past their intended lifespan of 5 years. The temporary trailers were originally constructed and used in Italy, then shipped to Fort Leonard Wood for use. The corners and structure of these trailers are separating, and there are constant problems with air conditioning to keep the electronic components cool. The air conditioning and lighting systems are from Europe and repair parts must be obtained from overseas. The temporary trailers also have problems with foundation settlement causing difficulties with laser alignment for projectors and rifles. Misalignment further causes inaccurate scoring and distance ranging. Upon completion of the project, the relocatable buildings will be turned into Defense Logistics Agency Disposition Services.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Leonard Wood will not be able to protect the training aid and device investment as temporary trailers continue to deteriorate. Training components will be exposed to the elements, drastically reducing useful life and compromising reliable use for training.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Simulator Building	5. PROJECT NUMBER 75019
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ADDITIONAL: (CONTINUED)
laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... SEP 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 250
 - (b) All Other Design Costs..... 100
 - (c) Total Design Cost..... 350
 - (d) Contract..... 250
 - (e) In-house..... 100

 - (4) Construction Contract Award..... JAN 2014

 - (5) Construction Start..... MAR 2014

 - (6) Construction Completion..... MAR 2015

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4. PROJECT TITLE Simulator Building	5. PROJECT NUMBER 75019
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: 573-596-3233

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
----- PROJECT	-----		REQUEST	REQUEST			
NUMBER	PROJECT TITLE		-----	-----			
-----	-----		-----	-----			
New York	United States Military Academy (IMCOM)						113
81186	Cadet Barracks, Incr 2		0	42,000	C		115
			-----	-----			
	Subtotal United States Military Academy Part I \$		0	42,000			
	* TOTAL MCA FOR New York		\$ 0	42,000			

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1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROGRAM				2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION U S Military Academy New York			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.43	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 31 OCT 2012		742	444	2289	41	5037	0
B. END FY 2018		728	443	2516	50	5037	0
		15	68	2146	14	87	1521
						TOTAL	
						10,782	
						10,396	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		6,507 ha		(16,078 AC)			
B. INVENTORY TOTAL AS OF 08 JAN 2013.....						3,339,204	
C. AUTHORIZATION NOT YET IN INVENTORY.....						556,691	
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....						0	
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						274,443	
H. GRAND TOTAL.....						4,170,338	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS	
CODE	NUMBER			(\$000)	START	COMPLETE	
721	81186	Cadet Barracks, Incr 2		42,000	01/2008	10/2013	
				TOTAL	42,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM:							
721		Cadet Barracks, Incr 3		64,000			
				TOTAL	64,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
To educate, train, and inspire the Corps of Cadets so that each graduate is a commissioned leader of character committed to the values of Duty, Honor, Country and prepared for a career of professional excellence and service to the Nation as an officer in the United States Army.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: U S Military Academy, New York

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION United States Military Academy New York				4.PROJECT TITLE Cadet Barracks, Incr 2		
5.PROGRAM ELEMENT 85896A		6.CATEGORY CODE 721	7.PROJECT NUMBER 81186		8.PROJECT COST (\$000) Approp 42,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						140,048
Cadet Barracks		m2 (SF)	26,727 (287,688)		4,745	(126,833)
Special Foundations		LS	--		--	(3,228)
Solar Water Heater System		m2 (SF)	1,911 (20,566)		1,423	(2,719)
EMCS Connection		LS	--		--	(142)
Sustainability/Energy Measures		LS	--		--	(2,601)
Total from Continuation page						(4,525)
<u>SUPPORTING FACILITIES</u>						32,505
Electric Service		LS	--		--	(1,266)
Water, Sewer, Gas		LS	--		--	(557)
Steam And/Or Chilled Water Dist		LS	--		--	(804)
Paving, Walks, Curbs & Gutters		LS	--		--	(577)
Storm Drainage		LS	--		--	(1,756)
Site Imp(26,402) Demo()		LS	--		--	(26,402)
Information Systems		LS	--		--	(281)
Antiterrorism Measures		LS	--		--	(862)
ESTIMATED CONTRACT COST						172,553
CONTINGENCY (5.00%)						8,628
SUBTOTAL						181,181
SUPV, INSP & OVERHEAD (5.70%)						10,327
TOTAL REQUEST						191,508
TOTAL REQUEST (ROUNDED)						192,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction This is an incrementally funded project. Congress authorized the full amount of \$192.0M in FY2013. The second funding increment of \$42M is requested in FY 2014 (PN 81186). The third funding increment of \$64M will be requested in FY 2015 (PN 81187). This project will construct a barracks, with special foundations, for 650 Cadets. Primary facility includes two-person rooms; battalion support area; solar water heater system, latrines and showers; laundry; trash/recycling; storage; day and study rooms; building information systems; and offices for Tactical Officers, Tactical Noncommissioned Officers, and duty orderlies. The facility will house self contained mechanical infrastructure. This project will provide fire protection and alarm systems, building information systems, and connection to an Energy Monitoring and Control System (EMCS). Supporting facilities include utilities, exterior lighting, paving, walks, curbs and gutters, storm drainage, information systems, site improvements. Antiterrorism measures are included. Sustainability/Energy Measures will be provided. Heating and air-conditioning will be provided by a central plant. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for building standards will be provided. Comprehensive interior and furnishings related design services are required. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating,						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Cadet Barracks, Incr 2	5. PROJECT NUMBER 81186
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(2,601)
Building Information Systems	LS	--	--	(1,924)
			Total	4,525

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air Conditioning (Estimated 1,231 kW/350 Tons).

11. REQ: 4,686 PN ADQT: 650 PN SUBSTD: 4,306 PN

PROJECT: Construct a Cadet barracks at West Point, New York. (Current Mission)

REQUIREMENT: This project is needed to relieve overcrowding in the existing Cadet barracks.

CURRENT SITUATION: Cadets are housed in barracks which do not meet current Army standards nor the West Point modified configuration of Cadet rooms. The entire first-year class and part of the second-year class are housed with three Cadets in rooms designed for two Cadets. This project will allow assignment of two Cadets per room. Current buildings do not have sprinklers nor mechanical ventilation, nor do they meet current seismic requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, barracks will not comply with current life safety building codes and Army quality of life standards. Cadets will continue to be housed in overcrowded facilities. Room assignments by Cadet companies will not be fully achieved due to the current number of male and female latrines available. These factors may affect the Military Academy's ability to attract the most qualified Cadets.

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Cadet Barracks, Incr 2	5. PROJECT NUMBER 81186
--	--------------------------------

	FY2013 (\$000)	Requested FY2014 (\$000)	FYDP FY2015 (\$000)
Authorization	\$192,000	\$0	\$0
Authorization of Appropriation	\$86,000	\$42,000	\$64,000
Appropriation	\$86,000	\$42,000	\$64,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>JAN 2008</u>
(b) Percent Complete As Of January 2013.....	<u>65.00</u>
(c) Date 35% Designed.....	<u>SEP 2012</u>
(d) Date Design Complete.....	<u>OCT 2012</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-bid-build	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	<u>7,223</u>
(b) All Other Design Costs.....	<u>7,223</u>
(c) Total Design Cost.....	<u>14,446</u>
(d) Contract.....	<u>7,223</u>
(e) In-house.....	<u>7,223</u>

(4) Construction Contract Award..... JUL 2013

(5) Construction Start..... SEP 2013

(6) Construction Completion..... JUL 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

United States Military Academy, New York

4. PROJECT TITLE Cadet Barracks, Incr 2	5. PROJECT NUMBER 81186
--	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: (845) 938-34115

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
North Carolina	Fort Bragg (IMCOM)				121
69624	Command and Control Facility	5,900	5,900	C	123
		-----	-----		
	Subtotal Fort Bragg Part I	\$ 5,900	5,900		
	* TOTAL MCA FOR North Carolina	\$ 5,900	5,900		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.87	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	7987	38994	8225	928	3961	104	860 3967 11690 76,716
B. END FY 2018	8111	38524	8414	846	4195	109	881 4026 10960 76,066
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	592,451 ha		(1,463,974 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							12,831,830
C. AUTHORIZATION NOT YET IN INVENTORY.....							2,557,690
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							5,900
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							2,219,467
H. GRAND TOTAL.....							17,614,887
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
141	69624	Command and Control Facility		5,900	09/2011	10/2013	
				TOTAL	5,900		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National Objectives. Major functions include: Support and enable operational and training requirements of Maneuver units, support basic and advanced skill training for new Soldiers; exercise command and control; provide for public safety and security; provide sound stewardship of installation resources and the environment; provide services/programs to enable readiness; execute community and family support services and programs; maintain and improve installation infrastructure.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Bragg, North Carolina

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina				4.PROJECT TITLE Command and Control Facility		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 141	7.PROJECT NUMBER 69624		8.PROJECT COST (\$000) Approp 5,900	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,564
Mission Command Facility		m2 (SF)	1,394 (15,000)		2,724	(3,796)
Sustainability/Energy Measures		LS	--		--	(76)
Building Information Systems		LS	--		--	(692)
<u>SUPPORTING FACILITIES</u>						748
Electric Service		LS	--		--	(120)
Water, Sewer, Gas		LS	--		--	(313)
Steam And/Or Chilled Water Dist		LS	--		--	(8)
Paving, Walks, Curbs & Gutters		LS	--		--	(114)
Storm Drainage		LS	--		--	(17)
Site Imp(90) Demo()		LS	--		--	(90)
Information Systems		LS	--		--	(72)
Antiterrorism Measures		LS	--		--	(14)
ESTIMATED CONTRACT COST						5,312
CONTINGENCY (5.00%)						266
SUBTOTAL						5,578
SUPV, INSP & OVERHEAD (5.70%)						318
TOTAL REQUEST						5,896
TOTAL REQUEST (ROUNDED)						5,900
INSTALLED EQT-OTHER APPROP						(2,158)
10.Description of Proposed Construction Construct a mission command facility with an operations center. Project includes a connection to existing Headquarters building. Work includes heating, ventilation, and air-conditioning; connection to Energy Monitoring and Control Systems (EMCS); and installation of Intrusion Detection Systems (IDS). Supporting facilities include water, sewer, gas, electric utilities, storm water drainage system, fire protection and alarm systems, mass notification systems, security lighting, paving, sidewalks, curbs and gutters, information systems, antiterrorism measures, site improvements and landscaping. Accessibility for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Heating and cooling will be provided by self-contained systems. Features in accordance with the Department of Defense (DOD) minimum antiterrorism measures for building standards will be included. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air Conditioning (Estimated 35 kW _r /10 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Command and Control Facility	5. PROJECT NUMBER 69624	
11. REQ: 297,999 m2 ADQT: 173,420 m2 SUBSTD: 99,056 m2		
PROJECT: Construct a Command and Control Facility at Fort Bragg, North Carolina. (Current Mission)		
REQUIREMENT: The project is required to provide the Corps Headquarters a capability to support multiple Combatant Commands (COCOM), in planning future operations, conducting crisis action operations, participating in COCOM exercises, and overseeing command post exercises for three division headquarters. Additionally, this facility is needed to provide mission command and outload support for a division headquarters and two brigades on a short notice to prepare to deploy order.		
CURRENT SITUATION: Currently mission command operations and joint training exercises are performed using nine geographically separated 1920s-era buildings. The intelligence, fire support, logistics, and communications staff functions are situated in separate buildings. There is not a single facility that provides the facility components that support theater network and security operations, open storage, senior leader and general purpose planning. In order to perform mission command functions, the headquarters staff must relocate off site and use tactical signal communications. Even using off site facilities the current space only supports twenty-eight workstations; whereas fifty-eight are needed for Airborne Operations and eighty-three are needed for Joint Task Force Operations. The existing facility will be retained and used as an Emergency Operation Center for Garrison Operations.		
IMPACT IF NOT PROVIDED: If this project is not provided, command and control functions will continue to operate from a nonstandard off-site facility. The facility requires as much as two days lead time to prepare it with a tactical network for contingency or training operations to take place. Emergent contingency execution timeframes may not be met in time of crisis. Without this project, the Headquarters Staff will lack the communications infrastructure and servers to conduct Joint and Combined training and operations as well as sufficient space to properly perform Command and Control functions.		
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Command and Control Facility	5. PROJECT NUMBER 69624	
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>SEP 2011</u></p> <p>(b) Percent Complete As Of January 2013..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>JAN 2013</u></p> <p>(d) Date Design Complete..... <u>OCT 2013</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: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>168</u></p> <p>(b) All Other Design Costs..... <u>111</u></p> <p>(c) Total Design Cost..... <u>279</u></p> <p>(d) Contract..... <u>168</u></p> <p>(e) In-house..... <u>111</u></p> <p>(4) Construction Contract Award..... <u>FEB 2014</u></p> <p>(5) Construction Start..... <u>MAR 2014</u></p> <p>(6) Construction Completion..... <u>SEP 2015</u></p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Fort Bragg, North Carolina

4. PROJECT TITLE Command and Control Facility	5. PROJECT NUMBER 69624
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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>
Automation, Audio-Visual Equip	OPA	2016	1,757
Info Sys - ISC	OPA	2016	401
		TOTAL	<u>2,158</u>

Installation Engineer:
Phone Number: 910.396.4009

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Texas	Fort Bliss (IMCOM)				129
74638	Control Tower	10,800	10,800	C	131
81155	Unmanned Aerial Vehicle Complex	36,000	36,000	C	135
	Subtotal Fort Bliss Part I	\$ 46,800	46,800		
	* TOTAL MCA FOR Texas	\$ 46,800	46,800		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 0.91	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	4040	25194	3355	28	884	8	1166 2789 7500 44,964
B. END FY 2018	4223	26215	3510	33	939	2	891 2147 7115 45,075
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	452,250 ha		(1,117,530 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....							9,952,389
C. AUTHORIZATION NOT YET IN INVENTORY.....							2,061,584
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....							46,800
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....							20,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0
G. REMAINING DEFICIENCY.....							816,864
H. GRAND TOTAL.....							12,897,637
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
133	74638	Control Tower		10,800	10/2010	07/2014	
211	81155	Unmanned Aerial Vehicle Complex		36,000	07/2012	07/2013	
				TOTAL	46,800		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM:							
442	Supply and Support Activities Warehouse			20,000			
				TOTAL	20,000		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A							
10. MISSION OR MAJOR FUNCTIONS:							
Provides support to the 1st Armored Division; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units. A multi-functional installation that serves as a Power Projection Platform as well as test bed for Joint and Combined Warfare, employing state-of-the-art technologies.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Fort Bliss, Texas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Fort Bliss Texas				4.PROJECT TITLE Control Tower		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 133	7.PROJECT NUMBER 74638		8.PROJECT COST (\$000) Approp 10,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						6,731
Flight Control Tower		m2 (SF)	784.19 (8,441)		6,139	(4,814)
Airfield Operations Building		m2 (SF)	334.92 (3,605)		4,084	(1,368)
Standby Generator		kWe (KW)	300 (300)		251.32	(75)
Transmission Tower		EA	1 --		64,781	(65)
Transmitter Building		m2 (SF)	18.95 (204)		3,360	(64)
Total from Continuation page						(345)
SUPPORTING FACILITIES						2,691
Electric Service		LS	--		--	(1,376)
Water, Sewer, Gas		LS	--		--	(367)
Paving, Walks, Curbs & Gutters		LS	--		--	(213)
Storm Drainage		LS	--		--	(27)
Site Imp(162) Demo(57)		LS	--		--	(219)
Information Systems		LS	--		--	(451)
Antiterrorism Measures		LS	--		--	(38)
ESTIMATED CONTRACT COST						9,422
CONTINGENCY (5.00%)						471
SUBTOTAL						9,893
SUPV, INSP & OVERHEAD (5.70%)						564
DESIGN/BUILD - DESIGN COST						396
TOTAL REQUEST						10,853
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a Flight Control Tower. Primary facilities include a Flight Control Tower, airfield operations building, transmission tower, transmission building, a standby generator and special foundations. Also included is a mass notifications system, building information systems, Intrusion Detection System (IDS) installation, Energy Monitoring and Control Systems (EMCS) connection, and antiterrorism measures. Building information systems for this project is unique in nature and not included in the unit cost of the building. Increased building Antiterrorism/Force Protection (AT/FP) measures are included to safeguard mission essential aircraft control. The air control avionics will be relocated from the existing tower. Sustainability/Energy measures will be provided. Supporting facilities include all primary utilities, paving, parking, walks, curbs and gutters, storm drainage, site development, landscaping, signage, and information systems. Heating and air conditioning will be provided by self contained systems. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Control Tower	5. PROJECT NUMBER 74638
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(24)
Sustainability/Energy Measures	LS	--	--	(117)
Antiterrorism Measures	LS	--	--	(100)
Building Information Systems	LS	--	--	(104)
			Total	345

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

building envelope and integrated building systems performance. Demolish 1 building (TOTAL 958 m2/10,314 SF). Air Conditioning (Estimated 35 kW/10 Tons).

11. REQ: 1,276 m2 ADQT: NONE SUBSTD: 303 m2

PROJECT: Construct a Flight Control Tower at Fort Bliss, Texas. (Current Mission)

REQUIREMENT: This project is required to provide a high-density Air Traffic Control Tower (ATCT). A variety of aircraft are serving Biggs Army Airfield (AAF). Traffic on an annual basis includes mixed civilian and military fixed-wing and rotary-wing aircraft. In addition, the radio flight control of a growing number of aircraft is also required.

CURRENT SITUATION: The existing ATCT does not satisfy the installation's requirements. The ATCT is over 55 years old, deteriorating and is located 2.5 miles from the current aviation traffic patterns. Observation of the aircraft is impeded because the tower does not overlook all airfield takeoff, landing and taxiway surfaces. Increase in aviation activities and construction of structures on the airfield create areas where the aircraft cannot be seen. Operators employ mitigation techniques to address the visibility shortfalls but cannot overcome the observation difficulties created by the ATCT's location. Once capacity is reduced due to safety issues, training aircraft must be sent to other local airports. Increases to fuel costs, training time, and wear on the aircraft result. Modernization of air control systems is limited due to the small tower space. There are no other facilities which can be substituted for a tower. Existing facilities are planned to be demolished as part of the project.

IMPACT IF NOT PROVIDED: If this project is not provided, a substandard ATCT will continue to be used. Continued use of the existing ATCT will increase the risk of aviation accidents. The current tower is too far away to have good visibility even during daytime operations. Hazards of traffic pattern training are greater at night due to the tower location. Fort Bliss's ability to provide safe, efficient, and modern flight control services will be negatively impacted.

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Control Tower	5. PROJECT NUMBER 74638
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ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>OCT 2010</u>
(b) Percent Complete As Of January 2013.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>OCT 2013</u>
(d) Date Design Complete.....	<u>JUL 2014</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-build	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	<u>321</u>
(b) All Other Design Costs.....	<u>321</u>
(c) Total Design Cost.....	<u>642</u>
(d) Contract.....	<u>321</u>
(e) In-house.....	<u>321</u>

(4) Construction Contract Award..... JAN 2014

(5) Construction Start..... APR 2014

(6) Construction Completion..... JAN 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Control Tower	5. PROJECT NUMBER 74638
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: 915-568-5949

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Unmanned Aerial Vehicle Complex		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 211	7. PROJECT NUMBER 81155		8. PROJECT COST (\$000) Approp 36,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						21,961
UAV Maintenance Hangar		m2 (SF)	4,840 (52,100)		2,730	(13,212)
UAV Runway		m2 (SY)	52,413 (62,686)		117.21	(6,143)
Airfield Taxiways		m2 (SY)	3,411 (4,080)		90.47	(309)
Airfield Aprons		m2 (SY)	12,590 (15,057)		102.24	(1,287)
Oil Storage Building		m2 (SF)	16.72 (180)		1,788	(30)
Total from Continuation page						(980)
<u>SUPPORTING FACILITIES</u>						10,882
Electric Service		LS	--		--	(3,458)
Water, Sewer, Gas		LS	--		--	(667)
Paving, Walks, Curbs & Gutters		LS	--		--	(739)
Storm Drainage		LS	--		--	(33)
Site Imp(4,628) Demo()		LS	--		--	(4,628)
Information Systems		LS	--		--	(1,190)
Antiterrorism Measures		LS	--		--	(167)
ESTIMATED CONTRACT COST						32,843
CONTINGENCY (5.00%)						1,642
SUBTOTAL						34,485
SUPV, INSP & OVERHEAD (5.70%)						1,966
TOTAL REQUEST						36,451
TOTAL REQUEST (ROUNDED)						36,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct an Unmanned Aerial Vehicle (UAV) launch and recovery complex within restricted airspace. Primary facilities include Standard Design UAV Maintenance Hangar with associated maintenance shops, administrative space, storage space, 5-ton bridge crane, oil/water separator, aircraft container and forklift storage, UAV runway, taxiway, access apron, oil and hazardous waste storage buildings, vehicle storage facilities, organizational vehicle parking, and overhead protection/canopy. Intrusion Detection System (IDS) installation, Energy Monitoring and Control Systems (EMCS) connection, building information systems, and Fire protection/alarm systems, will be provided. Sustainability and energy enhancement measures are included. Supporting facilities include utilities (electrical service, water, sewer, gas), paving, walks, curbs and gutters, parking, storm drainage, landscaping, security lighting, information systems, and site improvements. Heating and cooling will be provided by self-contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers.						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Unmanned Aerial Vehicle Complex	5. PROJECT NUMBER 81155
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hazardous Waste Storage	m2 (SF)	11.15 (120)	2,366	(26)
Overhead Protection/Canopy	m2 (SF)	209.03 (2,250)	728.19	(152)
Organizational Vehicle Parking	m2 (SY)	1,254 (1,500)	114.26	(143)
Sustainability/Energy Measures	LS	--	--	(659)
			Total	980

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
 (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Air Conditioning (Estimated 218 kW/62 Tons).

11. REQ: 9,020 m2 ADQT: 4,180 m2 SUBSTD: NONE
PROJECT: Construct an Unmanned Aerial Vehicle (UAV) launch and recovery complex at Fort Bliss, Texas. (Current Mission)
REQUIREMENT: This project is urgently required to provide facilities for a UAV unit being established at Fort Bliss. This unit will provide support to the Combat Aviation Brigade training at Fort Bliss. Facilities required for this high priority unit include a runway, taxiways, hangar, and related facilities.
CURRENT SITUATION: Currently, all adequate facilities are fully utilized and are a significant distance from this project site. There are no facilities to house this unit and their associated equipment. To meet these needs, additional facilities need to be constructed.
IMPACT IF NOT PROVIDED: If this project is not provided, the UAV unit that will be stationed at Fort Bliss will lack adequate facilities to perform mission training, maintenance, and efficient operations. Lack of adequate facilities will negatively impact operational readiness and the sustainment of combat capabilities for this increasingly critical warfighting technology.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Unmanned Aerial Vehicle Complex	5. PROJECT NUMBER 81155
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JUL 2012
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... JUL 2013
 - (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..... 750
 - (b) All Other Design Costs..... 500
 - (c) Total Design Cost..... 1,250
 - (d) Contract..... 500
 - (e) In-house..... 750

 - (4) Construction Contract Award..... JAN 2014
 - (5) Construction Start..... MAR 2014
 - (6) Construction Completion..... MAR 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE Unmanned Aerial Vehicle Complex	5. PROJECT NUMBER 81155
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer:
Phone Number: 915-568-5949

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Virginia	Joint Base Langley-Eustis (TRADOC)				
53584	Adv Individual Training Barracks Cplx, Ph3	50,000	50,000	C	141
	Subtotal Joint Base Langley-Eustis Part I	\$ 50,000	50,000		
	* TOTAL MCA FOR Virginia	\$ 50,000	50,000		

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1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Joint Base Langley-Eustis Virginia				4.PROJECT TITLE Adv Individual Training Barracks Cplx, Ph3		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 53584		8.PROJECT COST (\$000) Approp 50,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						35,774
Barracks/Company Ops Facilities		m2 (SF)	17,280 (186,000)		1,830	(31,618)
General Purpose Storage		m2 (SF)	46.45 (500)		1,388	(64)
Running Track		EA	1 --		330,087	(330)
Special Foundations		LS	--		--	(364)
Sustainability/Energy Measures		LS	--		--	(2,924)
Antiterrorism Measures		LS	--		--	(474)
<u>SUPPORTING FACILITIES</u>						9,166
Electric Service		LS	--		--	(1,121)
Water, Sewer, Gas		LS	--		--	(2,924)
Paving, Walks, Curbs & Gutters		LS	--		--	(539)
Storm Drainage		LS	--		--	(139)
Site Imp(1,120) Demo(3,242)		LS	--		--	(4,362)
Information Systems		LS	--		--	(52)
Antiterrorism Measures		LS	--		--	(29)
ESTIMATED CONTRACT COST						44,940
CONTINGENCY (5.00%)						2,247
SUBTOTAL						47,187
SUPV, INSP & OVERHEAD (5.70%)						2,690
TOTAL REQUEST						49,877
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct phase three of a three phase Standard Design Advanced Individual Training (AIT) Complex. Phase 1, PN 66714 for \$54M was a FY2010 project. Phase 2, PN 53583 for \$50M was transferred to the Air Force for execution in FY 2012 under a Joint Basing agreement. Primary facilities for phase three include two Barracks/Company Operations (B/COF) buildings, running track and a general purpose storage building. Work also includes special foundations, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Sustainability and Energy measures will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage, recreational areas, and site improvements. Heating and air conditioning will be provided by self contained systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Demolish 5 buildings (TOTAL 19,843 m2/213,585 SF). Air Conditioning (Estimated 2,286 kW/650 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Joint Base Langley-Eustis, Virginia		
4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph3	5. PROJECT NUMBER 53584	
<p>11. REQ: 2,100 PN ADQT: 900 PN SUBSTD: 1,200 PN PROJECT: Construct Phase 3 of a standard design AIT Barracks Complex at Joint Base Langley-Eustis (JBLE), Virginia. (Current Mission) REQUIREMENT: Project is required to provide an adequate AIT Barracks for 600 AIT Soldiers (2 Companies). Project is Phase 3 of the AIT Barracks Complex which will ultimately construct a complex for 2,100 Soldiers (7 Companies). Soldiers need a place to live, sleep, and eat while training at JBLE. This project will provide adequate housing that meets Army Standards for AIT students and implements Department of the Army policies for separate and secure gender-integrated training. CURRENT SITUATION: There are currently seven AIT companies which train at JBLE. JBLE provides 239,609 SF of Transient Unaccompanied Personnel Housing (UPH) Advanced Individual Training (AIT) space in eight buildings built in 1953, 1956 and 1958. The existing buildings are little changed from their 1950 original construction and configuration. They do not meet Army standards, do not meet current power requirements, do not provide adequate heating and cooling, nor achieve current and future energy efficiencies or mandates. In addition, they continue to experience structural cracking in walls that previous structural stabilization efforts have been unable to fully correct. Due to the extremely high volume of Soldiers in training, wear and tear on existing barracks is significant and lends to quicker deterioration. Overuse has consistently lead to significant problems with commodes and showers, plumbing failures throughout buildings, Heating, Ventilation and Air Conditioning (HVAC) failures, all of which results in increases in illness. These poor conditions have previously resulted in declined health, increased absence from training, Absent Without Leave (AWOL), and an increase in training recycles and inactive student rates. While the buildings have been renovated to keep them operational, this does not solve the continuing problem of overcrowded structures with outdated gang latrine type facilities. The construction of the AIT Complex will contribute to the health, welfare and morale of Soldiers residing in these barracks. IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers will continue to be housed in substandard facilities, resulting in impaired quality of life, increased potential for illness, lower morale and reduced retention rates. ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Langley-Eustis, Virginia

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph3	5. PROJECT NUMBER 53584
--	--------------------------------

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

	FY2010 (\$000)	USAF FY2012 (\$000)	Requested FY2014 (\$000)
Authorization	\$54,000	\$50,000	\$50,000
Authorization of Appropriation	\$54,000	\$50,000	\$50,000
Appropriation	\$54,000	\$50,000	\$50,000

NATO SECURITY INVESTMENT:

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2012
- (b) Percent Complete As Of January 2013..... 15.00
- (c) Date 35% Designed..... MAR 2013
- (d) Date Design Complete..... JAN 2014
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:
Joint Base Langley-Eustis

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

- (a) Production of Plans and Specifications..... 1,400
- (b) All Other Design Costs.....
- (c) Total Design Cost..... 1,400
- (d) Contract..... 400
- (e) In-house..... 1,000

(4) Construction Contract Award..... JAN 2014

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Langley-Eustis, Virginia

4. PROJECT TITLE Adv Individual Training Barracks Cplx, Ph3	5. PROJECT NUMBER 53584
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... AUG 2014

(6) Construction Completion..... AUG 2016

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:
Phone Number: 757 878-2642

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Washington	Joint Base Lewis-McChord (IMCOM)				147
76776	Airfield Operations Complex	37,000	37,000	C	149
76777	Aircraft Maintenance Hangar	79,000	79,000	C	153
78196	Aviation Battalion Complex	28,000	28,000	C	157
	Yakima Training Center				
54106	Automated Multipurpose Machine Gun Range	9,100	9,100	C	160
	Subtotal Joint Base Lewis-McChord Part I	\$ 153,100	153,100		
	* TOTAL MCA FOR Washington	\$ 153,100	153,100		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 924,300	924,300		

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1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROGRAM				2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.10	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 31 OCT 2012		5243	30406	6181	25	243	0
B. END FY 2018		5342	31019	6439	26	234	0
					2200	8514	10155
							62,967
					2301	8745	8852
							62,958
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		167,920 ha		(414,939 AC)			
B. INVENTORY TOTAL AS OF 08 JAN 2013.....						13,798,255	
C. AUTHORIZATION NOT YET IN INVENTORY.....						2,312,603	
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....						153,100	
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						1,350,087	
H. GRAND TOTAL.....						17,614,045	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
178	54106	Automated Multipurpose Machine Gun Range		9,100	08/2011	09/2013	
211	76777	Aircraft Maintenance Hangar		79,000	10/2011	09/2013	
133	76776	Airfield Operations Complex		37,000	10/2011	09/2013	
141	78196	Aviation Battalion Complex		28,000	08/2011	09/2013	
TOTAL				153,100			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
<p>I Corps: On order, deploy to conduct operations across the military spectrum of conflict as a Joint Force Headquarters (Joint Task Force, Combined or Multi-National/Joint Force Land Component Command) or as an Army Corps. Maintain trained and ready forces for Combatant Commanders worldwide. Team Lewis-McChord: Operate a state-of-the-art power generation platform for warfighters by providing them with superior training support and infrastructure. Train, deploy, and redeploy ready forces. Support the Transformation of I Corps and Joint Base Lewis-McChord. Maintain the well-being of our Soldiers, civilians, retirees, and their families.</p>							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Joint Base Lewis-McChord, Washington

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington				4.PROJECT TITLE Airfield Operations Complex		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 133	7.PROJECT NUMBER 76776		8.PROJECT COST (\$000) Approp 37,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						25,375
Flight Control Tower		m2 (SF)	1,273 (13,704)		6,961	(8,863)
Regional Flight Center		m2 (SF)	1,858 (20,000)		3,157	(5,866)
Fire Station		m2 (SF)	2,595 (27,928)		2,775	(7,199)
Remote Switching Unit		m2 (SF)	278.71 (3,000)		3,733	(1,040)
Access Apron		m2 (SY)	2,451 (2,931)		195.42	(479)
Total from Continuation page						(1,928)
<u>SUPPORTING FACILITIES</u>						7,775
Electric Service		LS	--		--	(1,121)
Water, Sewer, Gas		LS	--		--	(593)
Steam And/Or Chilled Water Dist		LS	--		--	(116)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,224)
Storm Drainage		LS	--		--	(341)
Site Imp(2,368) Demo(162)		LS	--		--	(2,530)
Information Systems		LS	--		--	(850)
ESTIMATED CONTRACT COST						33,150
CONTINGENCY (5.00%)						1,658
SUBTOTAL						34,808
SUPV, INSP & OVERHEAD (5.70%)						1,984
TOTAL REQUEST						36,792
TOTAL REQUEST (ROUNDED)						37,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct an Airfield Operations Complex. Project includes Flight Control Tower, Fire Station, Remote Switching Unit (RSU), regional flight center, access apron, aircraft holding/run-up apron, fixed wing taxiway, fire training area, standby generator, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection and building information systems. Sustainable design and energy measures will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating will be provided from either the existing heating plant or individual heating units depending on what is most cost effective. Building information systems for this facility are unique in nature and not included in the unit cost of the buldings. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards and additional provisions for progressive collapse will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. The air control avionics will be relocated from the existing tower. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning						

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		04 APR 2013

3. INSTALLATION AND LOCATION
 Joint Base Lewis-McChord, Washington

4. PROJECT TITLE	5. PROJECT NUMBER
Airfield Operations Complex	76776

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Aircraft Holding/ Run-up Apron	m2 (SY)	446.49 (534)	185.48	(83)
Fixed Wing Taxiway	m2 (SY)	1,437 (1,719)	195.42	(281)
Fire Training Area	m2 (SY)	1,394 (1,667)	193.66	(270)
Standby Generator, 500 kW	EA	1 --	176,046	(176)
Sustainability/Energy Measures	LS	--	--	(485)
Antiterrorism Measures	LS	--	--	(133)
Building Information Systems	LS	--	--	(500)
			Total	1,928

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
 Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 1 building (TOTAL 309 m2/3,328 SF). Air Conditioning (Estimated 422 kW/120 Tons).

11. REQ: 992 m2 ADQT: NONE SUBSTD: 300 m2
PROJECT: Construct an Airfield Operations Complex on Joint Base Lewis-McChord, Washington. (Current Mission)
REQUIREMENT: This project is required to support the stationing of a Combat Aviation Brigade (CAB) to Joint Base Lewis-McChord (JBLM). The CAB is located at Gray Army Airfield. The CAB has a requirement to support 84 aircraft and crew with unit-level maintenance, operational readiness and administrative space. The airfield operations facilities are required to support the CAB's operational flight requirements.
CURRENT SITUATION: Flight operations are allowed under a waiver agreement with the Federal Aviation Administration (FAA). The current Air Traffic Control Tower (ATCT) is considered to be an obstruction to flying since it is too close to the flight line. FAA's waiver is conditional upon the construction of a properly located, new tower. FAA has been advised that this project will correct the deficiency. The ATCT is 50 years old, deteriorating, and does not meet current standards. The ATCT is too small to house the air control avionics; they are located in a separate ground storage building. The current fire station is also old and inadequately sized for the current flight operations tempo. A two company fire station is required to replace the existing one company station. Additional fire vehicles are parked outside in the elements. Duties pertaining to flight control administration take place in detached, temporary facilities. Existing facilities are planned to be demolished as part of the project. Consolidation of tower personnel with administrative activities into a flight center will improve efficiency and aviation safety. There are no other facilities which can substitute for an ATCT, fire station and flight center.

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Airfield Operations Complex	5. PROJECT NUMBER 76776
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IMPACT IF NOT PROVIDED: If this project is not provided then helicopter flight operations will be severely restricted. The reduced operability may compromise the CAB's ability to function as intended. Pilot and crew hours will fall below Army guidelines of hours needed to maintain flight status. FAA may revoke the waiver that is in place which would halt flight operations.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2011
 - (b) Percent Complete As Of January 2013..... 80.00
 - (c) Date 35% Designed..... JUL 2012
 - (d) Date Design Complete..... SEP 2013
 - (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 Belvoir

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,732
 - (b) All Other Design Costs..... 933
 - (c) Total Design Cost..... 2,665
 - (d) Contract..... 2,132
 - (e) In-house..... 533

- (4) Construction Contract Award..... MAR 2014

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Airfield Operations Complex	5. PROJECT NUMBER 76776
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... MAY 2014
- (6) Construction Completion..... DEC 2015

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:
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington				4. PROJECT TITLE Aircraft Maintenance Hangar		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 211	7. PROJECT NUMBER 76777		8. PROJECT COST (\$000) Approp 79,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						56,766
Aviation Maintenance Hangar		m2 (SF)	12,601 (135,636)		2,962	(37,320)
TUAV Storage		m2 (SF)	334.45 (3,600)		1,579	(528)
Tactical Equip Maintenance Fac		m2 (SF)	3,345 (36,000)		2,358	(7,886)
POL Storage		m2 (SF)	122.63 (1,320)		1,707	(209)
Hazardous Waste Storage		m2 (SF)	122.63 (1,320)		2,165	(265)
Total from Continuation page						(10,558)
<u>SUPPORTING FACILITIES</u>						13,984
Electric Service		LS	--		--	(2,751)
Water, Sewer, Gas		LS	--		--	(1,200)
Steam And/Or Chilled Water Dist		LS	--		--	(1,071)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,387)
Storm Drainage		LS	--		--	(435)
Site Imp(4,691) Demo(65)		LS	--		--	(4,756)
Information Systems		LS	--		--	(384)
ESTIMATED CONTRACT COST						70,750
CONTINGENCY (5.00%)						3,538
SUBTOTAL						74,288
SUPV, INSP & OVERHEAD (5.70%)						4,234
TOTAL REQUEST						78,522
TOTAL REQUEST (ROUNDED)						79,000
INSTALLED EQT-OTHER APPROP						(2,144)
10. Description of Proposed Construction Construct a standard design Aircraft maintenance hangar. Project includes the Hangar with associated maintenance space, administrative space, parts and tool storage, aviation operations, tactical equipment maintenance facility, petroleum, oils and lubricant (POL) storage, tactical unmanned aerial vehicle (TUAV) storage, hazardous waste storage, organizational equipment storage, organizational vehicle parking, multipurpose athletic field, building information systems, fire protection and alarm systems, Intrusion Detection Systems (IDS) installation and Energy Monitoring Control Systems (EMCS) connection. The multipurpose athletic field is being relocated since it lies within the construction footprint of the new facility. Sustainability and Energy features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating will be provided from either the existing heating plant or individual heating units depending on what is most cost effective. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Demolish 6 buildings (TOTAL 244 m2/2,630 SF). Air Conditioning (Estimated 528 kW/150 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 76777
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Equip Storage	m2 (SF)	1,457 (15,680)	1,132	(1,648)
Organizational Vehicle Parking	m2 (SY)	31,270 (37,399)	168.87	(5,281)
Multipurpose Athletics Field	EA	1 --	2670468	(2,670)
Sustainability/Energy Measures	LS	--	--	(959)
			Total	10,558

11. REQ: 84,230 m2 ADQT: 3,469 m2 SUBSTD: 80,761 m2
PROJECT: Construct a standard design Aircraft Maintenance Hangar at Joint Base Lewis-McChord, Washington. (Current Mission)
REQUIREMENT: This project is required to provide adequate aircraft maintenance hangar, administrative, operational, and TUAV storage for an Aviation Squadron.
CURRENT SITUATION: The Aviation Unit is currently working in existing temporary, relocatable facilities for administrative functions and substandard hangar facilities, which are inadequate to support its mission. The facilities are scattered in various locations on the installation and do not contribute to operational efficiency. Ramp space for parking and loading of permanent and transient aircraft is lacking at Gray Army Airfield, resulting in limited operational capability to support the Aviation Unit. Upon completion of the project, the relocatable buildings will be turned into Defense Logistics Agency Disposition Services.
IMPACT IF NOT PROVIDED: If this project is not provided, the aviation unit will not have adequate permanent facilities in which to accomplish their mission. The unit will continue to be scattered throughout the installation in temporary, substandard permanent and modular facilities. The administrative functions will be housed in relocatable structures providing 50% of the authorized allowance.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 76777
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ADDITIONAL: (CONTINUED)
laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2011
 - (b) Percent Complete As Of January 2013..... 50.00
 - (c) Date 35% Designed..... SEP 2012
 - (d) Date Design Complete..... SEP 2013
 - (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..... 3,714
 - (b) All Other Design Costs..... 2,000
 - (c) Total Design Cost..... 5,714
 - (d) Contract..... 4,572
 - (e) In-house..... 1,142

 - (4) Construction Contract Award..... JAN 2014

 - (5) Construction Start..... APR 2014

 - (6) Construction Completion..... OCT 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION
Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Aircraft Maintenance Hangar	5. PROJECT NUMBER 76777
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS	OPA	2015	9
Equipment - Hangar	OPA	2016	21
Equipment - TEMF	OPA	2016	1,074
Generator	OPA	2016	128
Info Sys - ISC	OPA	2015	473
Info Sys - PROP	OPA	2015	439
		TOTAL	<u>2,144</u>

Installation Engineer:
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington				4. PROJECT TITLE Aviation Battalion Complex		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 78196		8. PROJECT COST (\$000) Approp 28,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						18,388
Company Operations Facilities		m2 (SF)	6,392 (68,800)		1,949	(12,455)
Covered Hardstand		m2 (SF)	1,213 (13,060)		678.73	(824)
Battalion HQs w/Classrooms		m2 (SF)	1,728 (18,600)		2,746	(4,745)
Sustainability/Energy Measures		LS	--		--	(364)
<u>SUPPORTING FACILITIES</u>						6,449
Electric Service		LS	--		--	(1,095)
Water, Sewer, Gas		LS	--		--	(133)
Steam And/Or Chilled Water Dist		LS	--		--	(350)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,801)
Storm Drainage		LS	--		--	(255)
Site Imp(2,241) Demo()		LS	--		--	(2,241)
Information Systems		LS	--		--	(574)
ESTIMATED CONTRACT COST						24,837
CONTINGENCY (5.00%)						1,242
SUBTOTAL						26,079
SUPV, INSP & OVERHEAD (5.70%)						1,487
TOTAL REQUEST						27,566
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						(1,345)
10. Description of Proposed Construction Construct standard design Company Operations Facilities and Battalion Headquarters. Project includes company operations facilities with covered hardstand, Battalion Headquarters with classrooms, building information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Sustainability and Energy features will be provided. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating will be provided by connecting to the existing energy plant. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelop and integrated building systems performance. Air Conditioning (Estimated 528 kW/150 Tons).						
11. REQ:		305,067 m2	ADQT:		131,458 m2	SUBSTD: 11,148 m2
PROJECT: Construct standard design facilities for an Aviation Battalion						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Aviation Battalion Complex	5. PROJECT NUMBER 78196
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PROJECT: (CONTINUED)
Complex at Joint Base Lewis-McChord (JBLM), Washington. (Current Mission)
REQUIREMENT: This project is required to provide adequate administrative and operational headquarters at Gray Army Airfield, JBLM, Washington.
CURRENT SITUATION: Currently, units at Gray Army Airfield are living and working in temporary relocatable facilities on the installation. Upon completion of the project, the relocatable buildings will be turned into Defense Logistics Agency Disposition Services. Administrative functions are being conducted in temporary facilities and are limited in work space. Current facilities are inadequate to support the aviation unit's mission.
IMPACT IF NOT PROVIDED: If this project is not provided, the aviation unit will not have adequate permanent facilities in which to accomplish its intended mission. The unit will remain scattered throughout the installation in temporary, substandard permanent and modular facilities. The administrative functions will be housed in relocatable structures providing limited space to conduct daily functions.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2011
- (b) Percent Complete As Of January 2013..... 80.00
- (c) Date 35% Designed..... SEP 2012
- (d) Date Design Complete..... SEP 2013
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Adapt-Build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Joint Base Lewis-McChord, Washington

4. PROJECT TITLE Aviation Battalion Complex	5. PROJECT NUMBER 78196
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
Joint Base Lewis-McChord

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	447
(b) All Other Design Costs.....	298
(c) Total Design Cost.....	745
(d) Contract.....	223
(e) In-house.....	522
(4) Construction Contract Award.....	JAN 2014
(5) Construction Start.....	MAR 2014
(6) Construction Completion.....	APR 2016

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS	OPA	2015	161
Equipment COF (7 ea)	OPA	2015	358
Equipment BN HQ	OPA	2015	72
Info Sys - ISC	OPA	2015	754
		TOTAL	1,345

Installation Engineer:
Phone Number: 253-967-3191

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Yakima Training Center Washington (Joint Base Lewis-McChord)			4. PROJECT TITLE Automated Multipurpose Machine Gun Range		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 178	7. PROJECT NUMBER 54106	8. PROJECT COST (\$000) Approp 9,100		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					7,944
Multipurpose Machine Gun Range		FP	10 --	669,629	(6,696)
Range Operations Control Area		EA	1 --	137,821	(138)
Control Tower		EA	1 --	307,254	(307)
Classroom Building		m2 (SF)	74.32 (800)	2,841	(211)
Operations/Storage Building		m2 (SF)	74.32 (800)	2,622	(195)
Total from Continuation page					(397)
<u>SUPPORTING FACILITIES</u>					278
Electric Service		LS	--	--	(208)
Storm Drainage		LS	--	--	(65)
Site Imp(5) Demo()		LS	--	--	(5)
ESTIMATED CONTRACT COST					8,222
CONTINGENCY (5.00%)					411
SUBTOTAL					8,633
SUPV, INSP & OVERHEAD (5.70%)					492
TOTAL REQUEST					9,125
TOTAL REQUEST (ROUNDED)					9,100
INSTALLED EQT-OTHER APPROP					(1,972)
10. Description of Proposed Construction Construct an Automated Multipurpose Machine Gun (MPMG) Range. Primary facilities include the MPMG range, range operations control area, control tower, classroom building, operations/storage building, bleacher enclosure, latrine, and ammunition breakdown building. Sustainability/Energy measures will be provided. Supporting facilities include electric service, storm drainage, and site improvements. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems. Air Conditioning (Estimated 18 kW/5 Tons).					
11. REQ: 10 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an Automated Multipurpose Machine Gun (MPMG) Range at Joint Base Lewis-McChord (JBLM), Yakima Training Center, Washington. (Current Mission)					
REQUIREMENT: This project will provide a facility to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. It will satisfy the training and qualification requirements of light and heavy machine guns. Combat and combat support units require training proficiency in machine gun weapon systems. Army					

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Yakima Training Center, Washington (Joint Base Lewis-McChord)

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 54106
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Bleacher Enclosure	EA	1 --	109,822	(110)
Latrine	m2 (SF)	30.66 (330)	5,497	(169)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	6,063	(104)
Sustainability/Energy Measures	LS	--	--	(14)
			Total	397

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

CURRENT SITUATION: JBLM, Yakima Training Center does not have a suitable training area that meets the requirements needed for automated machine gun training. The mission of combat readiness is hindered due to lack of an adequate training area. Training is currently conducted on existing ranges that do not meet established machine gun requirements and are often configured with portable targets to try and achieve an acceptable layout. Under these conditions it is very difficult to meet throughput requirements, or achieve proper training and qualification for the Soldiers training at the Yakima Training Center.

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

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Yakima Training Center, Washington (Joint Base Lewis-McChord)

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 54106
--	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2011
 - (b) Percent Complete As Of January 2013..... 35.00
 - (c) Date 35% Designed..... JAN 2013
 - (d) Date Design Complete..... SEP 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 490
 - (b) All Other Design Costs..... 200
 - (c) Total Design Cost..... 690
 - (d) Contract..... 490
 - (e) In-house..... 200

(4) Construction Contract Award..... JAN 2014

(5) Construction Start..... MAR 2014

(6) Construction Completion..... SEP 2015

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Yakima Training Center, Washington (Joint Base Lewis-McChord)

4. PROJECT TITLE Automated Multipurpose Machine Gun Range	5. PROJECT NUMBER 54106
--	--------------------------------

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 Equipment	OPA	2015	1,972
		TOTAL	<u>1,972</u>

Installation Engineer:
Phone Number: 256-967-3191

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/			
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kwajalein	Kwajalein Atoll (SMDC)				167
59779	Pier	63,000	63,000	C	169
	Subtotal Kwajalein Atoll Part I	\$ 63,000	63,000		
	* TOTAL MCA FOR Kwajalein	\$ 63,000	63,000		
	** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 63,000	63,000		

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein			4. COMMAND US Army Space & Missile Defense Command			5. AREA CONSTRUCTION COST INDEX 2.58	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	15	6	102	0	0	0	2225 2,348
B. END FY 2018	15	6	76	0	0	0	2251 2,348
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	551 ha		(1,361 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....						3,189,149	
C. AUTHORIZATION NOT YET IN INVENTORY.....						69,600	
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....						63,000	
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						751,906	
H. GRAND TOTAL.....						4,073,655	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START	COMPLETE
151	59779	Pier			63,000	10/2012	10/2013
TOTAL					63,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					N/A		
10. MISSION OR MAJOR FUNCTIONS:							
Provide technical and logistical support for on-site ballistic missile defense research and development programs. Provide technical support for strategic offensive weapon system development and operational testing. Collect data on objects in space. Maintain and foster relationships with the Government of the Republic of the Marshall Islands.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
A. AIR POLLUTION					0		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE 04 APR 2013
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INSTALLATION AND LOCATION: Kwajalein Atoll, Kwajalein

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

(\$000)

B. WATER POLLUTION

0

C. OCCUPATIONAL SAFETY AND HEALTH

0

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein				4.PROJECT TITLE Pier		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 151	7.PROJECT NUMBER 59779		8.PROJECT COST (\$000) Approp 63,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						47,460
Modernize Pier		m/B (FB)	601.98 (1,975)		68,323	(41,129)
Modernize Storage Facility		m2 (SF)	427.35 (4,600)		4,833	(2,066)
Gen Purpose Storage Facility		m2 (SF)	585.29 (6,300)		4,718	(2,761)
EMCS Connection		LS	--		--	(56)
Sustainability/Energy Measures		LS	--		--	(919)
Total from Continuation page						(529)
<u>SUPPORTING FACILITIES</u>						8,521
Electric Service		LS	--		--	(3,014)
Water, Sewer, Gas		LS	--		--	(972)
Site Imp(3,691) Demo(561)		LS	--		--	(4,252)
Information Systems		LS	--		--	(283)
ESTIMATED CONTRACT COST						55,981
CONTINGENCY (5.00%)						2,799
SUBTOTAL						58,780
SUPV, INSP & OVERHEAD (6.50%)						3,821
TOTAL REQUEST						62,601
TOTAL REQUEST (ROUNDED)						63,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Modernize the existing pier, storage facility and construct a new general purpose storage facility. Pier work will include encapsulating the footprint of the pier with new piling and filling the area within the piling and installation of new decking. Work includes splash zone areas, repairs to existing berths, installation of new anchor rods, repair to pile caps, provide marine fenders, bollards and chocks, Antiterrorism/Force Protection measures, Energy Monitoring and Control Systems (EMCS) connections, and building information systems. Supporting facilities include utility systems supporting the pier (electric, potable water, non-potable water, fire water, sanitary sewer service, lighting, and communications) to include installation of new utility connections appropriate to each berthing location. Sustainability and Energy measures will be provided. Demolish the existing general purpose storage facility. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Demolish 4 buildings (TOTAL 1,737 m2/18,698 SF). Air Conditioning (Estimated 106 kWr/30 Tons).						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Kwajalein Atoll, Kwajalein

4. PROJECT TITLE Pier	5. PROJECT NUMBER 59779
------------------------------	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(460)
Building Information Systems	LS	--	--	(69)
			Total	529

11. REQ: 602 m/B ADQT: NONE SUBSTD: 602 m/B
PROJECT: Modernize Pier at Kwajalein Island, Kwajalein Atoll, Marshall Islands. (Current Mission)

REQUIREMENT: This project is required to upgrade and modernize the pier in support of mission activities at Kwajalein Atoll. This pier is the primary supply point at U.S. Army Kwajalein Atoll (USAKA) providing loading and unloading operations of essential cargo and personnel in support of USAKA's critical mission support activities.

CURRENT SITUATION: The existing pier at USAKA was originally constructed in the early 1940's by the Japanese Imperial Navy during World War II. The present configuration of the pier is the result of a series of alteration and repair projects completed from WWII to the present. These alterations and repairs were accomplished in piecemeal fashion and as a result, different areas of the pier have various as-built conditions and load carrying capacities. In addition, the severe corrosive environmental conditions prevalent at Kwajalein have severely deteriorated the structural components of the pier and further reduced load carrying capacities. A detailed underwater inspection revealed several areas of the pile supported pier in "failing" or "poor" condition. As a result, a load rating study of the pier was performed by the Honolulu District, Corps of Engineers, which resulted in three primary areas being condemned for any vehicular loads, and a large area of the pier deemed unsuitable to support mobile crane loads during cargo unloading and loading operations. Since the original inspection, additional non-technical dives have identified even more structural components that have failed and no vehicle traffic is allowed on Echo Pier in the Charlie, Delta and Echo Berth areas. This severely limits the capacity of the pier to support mission critical operations.

IMPACT IF NOT PROVIDED: If this project is not provided, USAKA will have to continue to rely on Berth Foxtrot as the single berthing point for any cargo operations. Berth Foxtrot is located on the approach arm that leads to the main section of the Echo Pier (containing Charlie, Delta and Echo Berths). The physical size and location of Berth Foxtrot severely restricts the critical supply activities at Kwajalein because only one ship can berth for unloading/loading at any given time. Also, the limited draft at Berth Foxtrot restricts the type and size of ships that can berth at Kwajalein. Without this

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Kwajalein Atoll, Kwajalein

4. PROJECT TITLE Pier	5. PROJECT NUMBER 59779
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IMPACT IF NOT PROVIDED: (CONTINUED)
 project Echo Pier and Berth Foxtrot will continue to deteriorate at an accelerated rate, risking a catastrophic failure that could cripple mission operations for USAKA and supported agencies. Further attempts to repair the existing pile supported pier in piecemeal fashion is not considered a viable option due to the demonstrated continual deterioration inherent with that design.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	DEC 2011
(b) Percent Complete As Of January 2013.....	35.00
(c) Date 35% Designed.....	JAN 2013
(d) Date Design Complete.....	OCT 2013
(e) Parametric Cost Estimating Used to Develop Costs	YES
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	2,338
(b) All Other Design Costs.....	2,923
(c) Total Design Cost.....	5,261
(d) Contract.....	2,923
(e) In-house.....	2,338
(4) Construction Contract Award.....	JAN 2014
(5) Construction Start.....	MAR 2014

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Kwajalein Atoll, Kwajalein

4. PROJECT TITLE Pier	5. PROJECT NUMBER 59779
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
(6) Construction Completion..... JUL 2016

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

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

Installation Engineer:
Phone Number: 805-355-3360

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 MILITARY CONSTRUCTION (Part I)
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	PAGE
----- PROJECT	-----	REQUEST	REQUEST	-----
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Various	Classified Worldwide Location (WORLDWD)			
81987	Company Operations Complex Planning and Design Host Nation	33,000	33,000	175
	Subtotal Classified Worldwide Location Part I	\$ 33,000	33,000	
	Planning and Design (PLANDES)			
72435	Host Nation Support FY14	0	33,000	179
72433	Planning and Design FY14	0	41,575	181
	Subtotal Planning and Design Part I	\$ 0	74,575	
	Minor Construction (MINEXG)			
72437	Minor Construction FY14	0	25,000	183
	Subtotal Minor Construction Part I	\$ 0	25,000	
	* TOTAL MCA FOR Worldwide Various	\$ 33,000	132,575	
	** TOTAL WORLDWIDE FOR MCA	\$ 33,000	132,575	
	MILITARY CONSTRUCTION (Part I) TOTAL	\$ 1,020,300	1,119,875	

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1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 APR 2013	
3.INSTALLATION AND LOCATION Classified Worldwide Worldwide Various				4.PROJECT TITLE Company Operations Complex		
5.PROGRAM ELEMENT 01010A		6.CATEGORY CODE 725	7.PROJECT NUMBER 81987		8.PROJECT COST (\$000) Approp 33,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						18,771
UPH Hutment		m2 (SF)	2,323 (25,000)	5,089	(11,819)
Company Operations Facility		m2 (SF)	929.03 (10,000)	3,321	(3,085)
Administrative Facilities		m2 (SF)	470.09 (5,060)	3,858	(1,813)
Entry Control Point		EA	1 --		1781966	(1,782)
Antiterrorism Measures		LS	--		--	(12)
Building Information Systems		LS	--		--	(260)
<u>SUPPORTING FACILITIES</u>						10,076
Electric Service		LS	--		--	(2,217)
Water, Sewer, Gas		LS	--		--	(3,177)
Paving, Walks, Curbs & Gutters		LS	--		--	(807)
Storm Drainage		LS	--		--	(167)
Site Imp(1,882) Demo()		LS	--		--	(1,882)
Information Systems		LS	--		--	(483)
Antiterrorism Measures		LS	--		--	(1,343)
ESTIMATED CONTRACT COST						28,847
CONTINGENCY (5.00%)						1,442
SUBTOTAL						30,289
SUPV, INSP & OVERHEAD (6.50%)						1,969
DESIGN/BUILD - DESIGN COST						1,212
TOTAL REQUEST						33,470
TOTAL REQUEST (ROUNDED)						33,000
INSTALLED EQT-OTHER APPROP						()
10.Description of Proposed Construction Construct a Company Operations Complex. Primary facilities include Unaccompanied Personnel Housing (UPH) hutments with dining, a Company Operations Facility with covered hardstand, an Entry Control Point, Administrative facilities, building information systems, Antiterrorism/Force Protection (ATFP) measures, and fire alarm detection with reporting systems. Supporting facilities include utilities, paving, walks, curbs and gutters, parking, access roads, storm drainage, information systems, landscaping, site improvements, and antiterrorism measures. Additional land is required for the purpose of constructing this project. Department of State is working with the Host Nation to provide adjoining property. Heating and air conditioning will be provided by self contained units. Measures in accordance with the Department of Defense (DOD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 81 kWr/23 Tons).						
11. REQ:		2,323 m2 ADQT:		NONE		SUBSTD: NONE
PROJECT: Construct the Company Operations Complex for an operating site to support the forward positioned radar system. (Current Mission)						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
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3. INSTALLATION AND LOCATION

Classified Worldwide, Worldwide Various

4. PROJECT TITLE Company Operations Complex	5. PROJECT NUMBER 81987
--	--------------------------------

REQUIREMENT: This project is required to provide support area facilities (housing, dining, operational and administrative) for approximately 60 Soldiers. The personnel support the mission of the forward operating radar system. The radar is a component of the Ballistic Missile Defense System (BMDS) being deployed by Missile Defense Agency (MDA) to provide the capability. Construction will meet governing security requirements.

CURRENT SITUATION: This is a new deployment; there are no systems or facilities currently performing this mission. Deployment and operation of the radar is not possible without preparation of the site.

IMPACT IF NOT PROVIDED: Without this project, the unit supporting the radar will not be able to fully operate and secure this portion of the BMDS.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. Provisions will be made for persons with disabilities if applicable.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... MAR 2013
 - (b) Percent Complete As Of January 2013..... .00
 - (c) Date 35% Designed..... APR 2014
 - (d) Date Design Complete..... OCT 2014
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 860
 - (b) All Other Design Costs..... 287
 - (c) Total Design Cost..... 1,147
 - (d) Contract..... 287
 - (e) In-house..... 860

- (4) Construction Contract Award..... APR 2014

- (5) Construction Start..... JUN 2014

- (6) Construction Completion..... JUN 2016

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013								
3. INSTALLATION AND LOCATION Classified Worldwide, Worldwide Various										
4. PROJECT TITLE Company Operations Complex	5. PROJECT NUMBER 81987									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table data-bbox="289 598 1502 751"> <thead> <tr> <th data-bbox="289 627 483 688"><u>Equipment</u> <u>Nomenclature</u></th> <th data-bbox="768 627 979 688"><u>Procuring</u> <u>Appropriation</u></th> <th data-bbox="1166 598 1360 688"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th data-bbox="1409 627 1502 688"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" data-bbox="846 726 881 751">NA</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										

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1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Planning and Design Host Nation Worldwide Various (Planning and Design)			4. PROJECT TITLE Host Nation Support FY14			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 964	7. PROJECT NUMBER 72435		8. PROJECT COST (\$000) Approp 33,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						33,000
Planning & Design - Host Nation		LS	--		--	(33,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						33,000
CONTINGENCY (.00 %)						0
SUBTOTAL						33,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						33,000
TOTAL REQUEST (ROUNDED)						33,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This item provides for criteria development, and design and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user.						
11. REQ: NA		ADQT: NA		SUBSTD: NA		NA
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operation and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee projects in Europe and NATO funds recoupment. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. The three parts of the Host Nation Support effort are: Criteria Package Preparation (defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs); Design Surveillance (ensures compliance with criteria packages,						

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design FY14		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 961	7. PROJECT NUMBER 72433		8. PROJECT COST (\$000) Approp 41,575	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						41,575
Planning and Design		LS	--		--	(41,575)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						41,575
CONTINGENCY (.00 %)						0
SUBTOTAL						41,575
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						41,575
TOTAL REQUEST (ROUNDED)						41,575
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.						
11. REQ: NA ADQT: NA SUBSTD: NA						
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2014 program; for advancement to final design of projects in FY 2015 and for initiation of design of projects in FY 2016. The funds request for the annual planning and design requirement includes value						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Planning and Design, Worldwide Various		
4. PROJECT TITLE Planning and Design FY14	5. PROJECT NUMBER 72433	
<p>REQUIREMENT: (CONTINUED)</p> <p>engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p>		

1. COMPONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 APR 2013	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Minor Construction FY14		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 962	7. PROJECT NUMBER 72437		8. PROJECT COST (\$000) Approp 25,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Minor Construction Facilities		LS	--		--	25,000 (25,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						25,000
CONTINGENCY (.00 %)						0
SUBTOTAL						25,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						25,000
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening. The funded cost limit is \$4,000,000 if the project is intended solely for the revitalization and recapitalization ("Laboratory Revitalization") of laboratories under the jurisdiction of the Army. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance.						
11. REQ:		NA	ADQT:		NA	SUBSTD: NA
PROJECT: Minor military construction, worldwide.						
REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen.						
CURRENT SITUATION: These unspecified projects address high national priorities such as critical mission requirements, environmental protection, laboratory revitalization, health, and safety.						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 APR 2013
3. INSTALLATION AND LOCATION Minor Construction, Worldwide Various		
4. PROJECT TITLE Minor Construction FY14	5. PROJECT NUMBER 72437	
<p>IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address unspecified requirements that arise during the year.</p>		



Department of the Army Fiscal Year (FY) 2014 Budget Submission

Army Family Housing & Homeowners Assistance

**Justification Data Submitted to Congress
April 2013**

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 BUDGET ESTIMATE SUBMISSION
Army Family Housing
TABLE OF CONTENTS

	<u>PAGE</u>
BUDGET SUMMARY	
Summary.....	1
State List.....	3
Performance Metrics.....	7
Summary of Inadequate Unit Elimination (Exhibit FH-11).....	9
Annual Inadequate Family Housing Elimination (Exhibit FH-8).....	13
LEGISLATION LANGUAGE.....	
Items of Interest.....	19
NEW CONSTRUCTION.....	
PLANNING & DESIGN.....	
OPERATIONS, MAINTENANCE AND UTILITIES.....	
Reprogramming Actions.....	43
Operation, Maintenance and Utilities, Summary (Exhibit FH-2)...	44
Foreign Currency Exchange Data (Exhibit PB-18).....	47
OPERATIONS.....	
Management Summary and Exhibit OP-5.....	51
Services Summary and Exhibit OP-5.....	53
Furnishings Summary and Exhibit OP-5.....	55
Miscellaneous Summary and Exhibit OP-5.....	57
MAINTENANCE AND REPAIR.....	
Maintenance & Repair Exhibit OP-5.....	60
General and Flag Officers Quarters Maintenance and Repair Exceeding \$35,000 Per Unit.....	61
General Flag Officer Quarters over 6,000 NSF.....	69
UTILITIES.....	
Utilities Exhibit OP-5.....	74
Exhibit FH-10.....	75

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 BUDGET ESTIMATE SUBMISSION
Army Family Housing
TABLE OF CONTENTS (Continued)

	<u>PAGE</u>
LEASING.....	77
Leasing Exhibit OP-5.....	79
Analysis of Leased Units (Exhibit FH-4).....	81
MILITARY HOUSING PRIVATIZATION INITIATIVE.....	87
Privatization Exhibit OP-5.....	90
Privatization (Exhibit FH-6).....	91
REIMBURSABLE PROGRAM.....	95

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
SUMMARY

(\$ in Thousands)

FY 2014 Budget Request	\$556,879
FY 2013 Program Budget	\$534,692
FY 2013 Annualized Continuing Resolution (CR) Adjustments	<u>+\$139,766</u>
*Total FY 2013 PB Request with Annualized CR Adjustments	\$674,458

*Reflects the FY 2013 President's Budget request with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget Request supports the operation, maintenance, leasing, privatization oversight and construction for military Family housing worldwide. The FY 2014 Budget Request funds the Department's goal of providing fully adequate Family housing units. It also supports the Secretary of Defense's commitment to improve military housing for our Soldiers and their Families.

MAJOR FACTORS

During the implementation of privatization in the late 1990's, Army used its original baseline of identified inadequate Family housing as a measure to determine progress in eliminating inadequate housing. All scheduled installations have now been privatized through the Residential Community Initiative (RCI) and the Army met its goal to eliminate those houses originally identified as inadequate. The Army is using operational and construction funds to eliminate inadequate dwellings and housing shortages to improve the quality of life for Soldiers and their Families.

Army Family Housing Construction: The FY 2014 request includes new construction of 85 Family housing units at Fort McCoy, WI, and South Camp Vilseck, GE, in support of existing housing requirements. Both locations have been identified as enduring.

Army Family Housing Operations: Annual changes to the inventory, inflation, and currency adjustments drive program changes in most budget accounts. Programmatic adjustments are explained in each section.

SUMMARY (Continued)

EFFECT OF PRIVATIZATION

The Army is requesting no additional funding for investment toward housing privatization. However, the Army must continue to maintain oversight of the program and projects through a rigorous Portfolio and Asset Management (PAM) process. This process tracks compliance with the Community Development Management Plan (CDMP) schedules for renovation and construction, and also monitors the financial health and stability of the projects.

PROGRAM SUMMARY

Authorization is requested for the performance of new construction, planning and design of future construction projects, operation, maintenance, utilities, leasing, and privatization oversight for Army Family Housing in the amount of \$556,879,000:

Appropriation of \$556,879,000 is requested to fund:

- a. Family Housing Construction, Planning and Design and
- b. Family Housing Operations and Maintenance to support existing inventory.

REQUEST

A summary of the Fiscal Year 2014 AFH funding program follows:

	<u>(\$ in Thousands)</u>	<u>(\$ in Thousands)</u>
CONSTRUCTION REQUEST		\$44,008
New Construction	39,600	
Planning and Design	4,408	
OPERATIONS AND MAINTENANCE REQUEST		\$512,871
Operations	101,740	
Maintenance of Real Property	107,639	
Utilities	<u>96,907</u>	
Subtotal Government Owned	306,286	
Leasing	180,924	
Privatization	25,661	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		\$556,879
REIMBURSABLE PROGRAM		\$15,000
TOTAL FAMILY HOUSING PROGRAM		\$571,879

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (Part IIA)
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Wisconsin	Fort McCoy (IMCOM)		
74861	Family Housing New Construction	23,000	23,000
		-----	-----
	SUBTOTAL Fort McCoy Part IIA	\$ 23,000	23,000
		-----	-----
	* TOTAL AFH FOR Wisconsin	\$ 23,000	23,000
		-----	-----
	** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 23,000	23,000

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 ARMY FAMILY HOUSING
 NEW CONSTRUCTION (Part IIA)
 (DOLLARS ARE IN THOUSANDS)
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	REQUEST	REQUEST
PROJECT	PROJECT TITLE	-----	-----
NUMBER	-----	-----	-----
-----	-----	-----	-----
Germany	Germany Various (IMCOM)		
	South Camp Vilseck		
78712	Family Housing New Construction	16,600	16,600
		-----	-----
	SUBTOTAL Germany Various Part IIA	\$ 16,600	16,600
	* TOTAL AFH FOR Germany	\$ 16,600	16,600
	** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 16,600	16,600
	MILITARY CONSTRUCTION (Part IIA) TOTAL	\$ 39,600	39,600

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2014
 ARMY FAMILY HOUSING
 POST ACQUISITION (Part IIB)
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	-----	-----	-----
PROJECT	PROJECT TITLE	REQUEST	REQUEST
NUMBER	-----	-----	-----
-----	-----	-----	-----
Worldwide Various	Planning and Design (PLANDES)		
71964	Family Housing P & D	4,408	4,408
		-----	-----
	SUBTOTAL Planning and Design Part IIB	\$ 4,408	4,408
	* TOTAL AFH FOR Worldwide Various	\$ 4,408	4,408
	** TOTAL WORLDWIDE FOR AFH	\$ 4,408	4,408
	MILITARY CONSTRUCTION (Part IIB) TOTAL	\$ 4,408	4,408

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
PERFORMANCE METRICS

Exhibits FH-8 and FH-11, which follow, outline the condition of the Army Family housing identified below.

Adequate Family Housing Inventory*

FY 2012, Beginning of Year:

Government Owned Inventory: 15,744 units

Total Adequate (Q1, Q2): 12,058 units

Total Inadequate (Q3, Q4): 3,686 units

Percent Adequate: 77%

FY 2013, Beginning of Year:

Government Owned Inventory: 16,068 units

Total Adequate (Q1, Q2): 12,282 units

Total Inadequate (Q3, Q4): 3,786 units

Percent Adequate: 76%

FY 2014, Beginning of Year:

Government Owned Inventory: 15,881 units

Total Adequate (Q1, Q2): 12,226 units

Total Inadequate (Q3, Q4): 3,655 units

Percent Adequate: 77%

* Inventory includes transitional units at non-enduring installations but excludes privatized units.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

FH-11 Inventory and Condition¹ of Government-Owned, Family Housing Units
WORLDWIDE
(Number of Dwelling Units in Inventory)
Fiscal Year 2014

	Number of Units - Worldwide						
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Beginning of FY Adequate Inventory Total	12,058	12,282	12,226	12,558	12,627	10,661	10,839
Q1 - 90% to 100%	9,114	8,764	8,828	8,956	9,117	7,711	7,929
Q2 - 80% to 89%	2,944	3,518	3,398	3,602	3,510	2,950	2,910
Beginning of FY Inadequate Inventory Total	3,686	3,786	3,655	3,451	3,435	622	463
Q3 - 60% to 79%	3,298	3,409	3,281	3,281	3,265	575	416
Q4 - 59% and below	388	377	374	170	170	47	47
Beginning of FY Total Inventory	15,744	16,068	15,881	16,009	16,062	11,283	11,302
Percent Adequate - Begin of FY Inventory	77%	76%	77%	78%	79%	94%	96%
Inadequate Inventory Reduced Through:	(100)	131	204	16	2,813	159	14
Maintenance & Repair (O&M)	138	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	372	131	-	-	2,594	44	-
Construction (MilCon)	11	-	204	16	219	115	14
Worsen Q rating	(621)	-	-	-	-	-	-
Funded by Host Nation	-	-	-	-	-	-	-
Adequate Inventory Changes:	224	(56)	332	69	(1,966)	178	54
Maintenance & Repair (O&M)	138	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	(160)	(120)	-	-	(2,332)	-	-
Construction (MilCon)	867	64	332	69	366	178	54
Worsen Q rating	(621)	-	-	-	-	-	-
TOTAL INVENTORY (with transitional² units)							
End of FY Adequate Inventory Total	12,282	12,226	12,558	12,627	10,661	10,839	10,893
Q1 - 90% to 100%	8,764	8,828	8,956	9,117	7,711	7,929	8,085
Q2 - 80% to 89%	3,518	3,398	3,602	3,510	2,950	2,910	2,808
End of FY Inadequate Inventory Total	3,786	3,655	3,451	3,435	622	463	449
Q3 - 60% to 79%	3,409	3,281	3,281	3,265	575	416	403
Q4 - 59% and below	377	374	170	170	47	47	46
End of FY Total Inventory	16,068	15,881	16,009	16,062	11,283	11,302	11,342
INVENTORY (without transitional² units)							
End of FY Adequate Inventory Total	9,705	9,649	9,981	10,050	10,416	10,594	10,648
Q1 - 90% to 100%	6,846	6,910	7,038	7,199	7,466	7,684	7,840
Q2 - 80% to 89%	2,859	2,739	2,943	2,851	2,950	2,910	2,808
End of FY Inadequate Inventory Total	1,184	1,053	849	833	614	455	441
Q3 - 60% to 79%	815	687	687	671	575	416	403
Q4 - 59% and below	369	366	162	162	39	39	38
End of FY Total Inventory	10,889	10,702	10,830	10,883	11,030	11,049	11,089
Percent Adequate - End of FY Inventory	89%	90%	92%	92%	94%	96%	96%
DoD Performance Goal - At least 90% Q1/Q2 beginning in FY12, except Navy by FY17		90%	90%	90%	90%	90%	90%

NOTE:

1 - Condition Index (CI) is a general measure at a specific point in time with respect to physical condition and ability to support the current occupant or mission. CI is calculated as the ratio of Plant Replacement Value (PRV) minus the estimated cost of maintenance and repair requirements, divided by PRV. This provides a CI, or Q-rating (Q1 to Q4), from 0% to 100%, with 100% representing excellent condition.

2 - Transitional FH is defined as units: 1) at non-enduring sites, as a result of organizational deactivations, consolidation and relocation efforts; 2) at enduring sites, where FH units have been identified by the Services as surplus/excess; and in both cases, the Service has formally planned, documented, funded and/or officially announced the divestiture, demolition or transfer of these units in the FYDP.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
UNITED STATES (CONUS plus Hawaii and Alaska)
(Number of Dwelling Units in Inventory)
Fiscal Year 2014

	Number of Units - U.S.						
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Beginning of FY Adequate Inventory Total	788	825	825	825	841	897	924
Q1 - 90% to 100%	482	458	458	458	458	514	541
Q2 - 80% to 89%	306	367	367	367	383	383	383
Beginning of FY Inadequate Inventory Total	245	100	100	100	84	84	40
Q3 - 60% to 79%	244	99	99	99	83	83	39
Q4 - 59% and below	1	1	1	1	1	1	1
Beginning of FY Total Inventory	1,033	925	925	925	925	981	964
Percent Adequate - Beginning of FY Inventory	76%	89%	89%	89%	91%	91%	96%
Inadequate Inventory Reduced Through:	145	-	-	16	-	44	14
Maintenance & Repair (O&M)	4	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	130	-	-	-	-	44	-
Construction (MilCon)	11	-	-	16	-	-	14
Worsen Q rating	-	-	-	-	-	-	-
Funded by Host Nation	-	-	-	-	-	-	-
Adequate Inventory Changes:	37	-	-	16	56	27	14
Maintenance & Repair (O&M)	4	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	(2)	-	-	-	-	-	-
Construction (MilCon)	35	-	-	16	56	27	14
Worsen Q rating	-	-	-	-	-	-	-
End of FY Adequate Inventory Total	825	825	825	841	897	924	938
Q1 - 90% to 100%	458	458	458	458	514	541	649
Q2 - 80% to 89%	367	367	367	383	383	383	289
End of FY Inadequate Inventory Total	100	100	100	84	84	40	26
Q3 - 60% to 79%	99	99	99	83	83	39	26
Q4 - 59% and below	1	1	1	1	1	1	-
End of FY Total Inventory	925	925	925	925	981	964	964
Percent Adequate - End of FY Inventory	89%	89%	89%	91%	91%	96%	97%

NOTE:

1 - Condition Index (CI) is a general measure at a specific point in time with respect to physical condition and ability to support the current occupant or mission. CI is calculated as the ratio of Plant Replacement Value (PRV) minus the estimated cost of maintenance and repair requirements, divided by PRV. This provides a CI, or Q-rating (Q1 to Q4), from 0% to 100%, with 100% representing excellent condition.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
FH-11 Inventory and Condition of Government-Owned, Family Housing Units
FOREIGN (includes U.S. Territories)
(Number of Dwelling Units in Inventory)
Fiscal Year 2014

	Number of Units - Foreign						
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Beginning of FY Adequate Inventory Total	11,270	11,457	11,401	11,733	11,786	9,764	9,915
Q1 - 90% to 100%	8,632	8,306	8,370	8,498	8,659	7,197	7,388
Q2 - 80% to 89%	2,638	3,151	3,031	3,235	3,127	2,567	2,527
Beginning of FY Inadequate Inventory Total	3,441	3,686	3,555	3,351	3,351	538	423
Q3 - 60% to 79%	3,054	3,310	3,182	3,182	3,182	492	377
Q4 - 59% and below	387	376	373	169	169	46	46
Beginning of FY Total Inventory	14,711	15,143	14,956	15,084	15,137	10,302	10,338
Percent Adequate - Beginning of FY Inventory	77%	76%	76%	78%	78%	95%	96%
Inadequate Inventory Reduced Through:	(245)	131	204	-	2,813	115	-
Maintenance & Repair (O&M)	134	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	242	131	-	-	2,594	-	-
Construction (MilCon)	-	-	204	-	219	115	-
Worsen Q rating	(621)	-	-	-	-	-	-
Funded by Host Nation	-	-	-	-	-	-	-
Adequate Inventory Changes:	187	(56)	332	53	(2,022)	151	40
Maintenance & Repair (O&M)	134	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	(158)	(120)	-	-	(2,332)	-	-
Construction (MilCon)	832	64	332	53	310	151	40
Worsen Q rating	(621)	-	-	-	-	-	-
End of FY Adequate Inventory Total	11,457	11,401	11,733	11,786	9,764	9,915	9,955
Q1 - 90% to 100%	8,306	8,370	8,498	8,659	7,197	7,388	7,436
Q2 - 80% to 89%	3,151	3,031	3,235	3,127	2,567	2,527	2,519
End of FY Inadequate Inventory Total	3,686	3,555	3,351	3,351	538	423	423
Q3 - 60% to 79%	3,310	3,182	3,182	3,182	492	377	377
Q4 - 59% and below	376	373	169	169	46	46	46
End of FY Total Inventory	15,143	14,956	15,084	15,137	10,302	10,338	10,378
Percent Adequate - End of FY Inventory	76%	76%	78%	78%	95%	96%	96%
NOTE:							
1 - Condition Index (CI) is a general measure at a specific point in time with respect to physical condition and ability to support the current occupant or mission. CI is calculated as the ratio of Plant Replacement Value (PRV) minus the estimated cost of maintenance and repair requirements, divided by PRV. This provides a CI, or Q-rating (Q1 to Q4), from 0% to 100%, with 100% representing excellent condition.							

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

FH-8 Exhibit: Annual Inadequate Family Housing Elimination FY 2012

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2012	15,744	3,686	521
FY2012 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			149
* ARRA/replace/Fort Hunter-Liggett	75	2	2
* ARRA/replace/McAlester	13	5	5
* ARRA/replace/Radford	19	19	4
* O/revite/Lake City AAP	11	11	4
* O/revite/USAG Ansbach-Illesheim	423	411	113
* O/revite/USAG Stuttgart	1357	130	12
* O/revite/US Kwajalein Atoll	452	219	5
* C/Improve/USAG Baumholder	1476	40	4
FY2012 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			372
* BRAC/ For McPherson	109	109	109
* BRAC/ For Monmouth	12	12	12
* BRAC/ For Monroe	4	4	4
* BRAC/ Umatilla	5	5	5
* Conversion/USAG Ansbach-Illesheim	423	298	94
* Demolition/USAG Baumholder	1,476	36	36
* Demolition/USAG Stuttgart	1,357	118	1
* Demolition/Camp Zama	879	310	39
* Disposal/ Fort Buchanan	94	94	4
* Caretaker/ US Kwajalein Atoll	452	219	68
Total Units at end of FY2012	16,068	3,786	521

NOTE: At the end of FY 2012, 621 transitional units became inadequate at non-enduring installations

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination FY2013

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY2013	16,068	3,786	131
FY2013 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			-
FY2013 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			131
* Demolition/Camp Zama	948	271	131
Total Units at end of FY2013	15,881	3,655	131

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 FH-8 Exhibit: Annual Inadequate Family Housing Elimination FY2014

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY2014	15,881	3,655	204
FY2014 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			204
* C/Improve/USAG Ansbach-Illesheim	329	204	96
* C/Improve/USAG Ansbach-Illesheim	329	108	108
FY2014 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			-
Total Units at end of FY2014	16,009	3,451	204

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC.2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire Family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Wisconsin	Fort McCoy	56 units	23,000,000
Germany	South Camp Vilseck	29 units	16,600,000
	Total	85 units	39,600,000

(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 [\$4,641,000] \$4,408,000.

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military Family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military Family housing and facilities, [\$4,641,000] \$44,008,000.

(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 [\$530,051,000] \$512,871,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

Family Housing Construction, Army

For expenses of Family housing construction including architectural and engineering services and construction design activities in respect to future construction or improvements of Family housing units as authorized by law, [\$4,641,000] \$44,008,000 to remain available until September 30, 2018.

Family Housing Operation and Maintenance, Army

For expenses of Family housing for the Army for operation and maintenance, including debt payment, leasing, privatization oversight, minor construction, and principal and interest charges, as authorized by law, [\$530,051,000] \$512,871,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

Items of Interest – MILCON Appropriations Committees

According to Title 10 USC Section 2831, and public Law 112-74, Consolidated Appropriations Act, 2012, Division H, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2012, the Army provides the following reports:

General and Flag Officer Quarters, Maintenance and Repair over \$35K (See Tab, GFOQ M&R over \$35K);

General and Flag Officer Quarters, Anticipated Operations and Maintenance Expenditures Exceeding \$35K per Unit (See Tab, GFOQ O&M costs);

General and Flag Officer Quarters, 6000 Net Square Feet (NSF) Units (See Tab, GFOQ O&M costs);

General and Flag Officer Quarters, Annual Cost Report (Submitted separately).

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
NEW CONSTRUCTION

(\$ in Thousands)

FY 2014 Budget Request	\$39,600
FY 2013 Program Budget	\$0

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new units rather than lease or revitalize existing Army Family Housing. New units are also built when adequate off post housing is not available. Cost estimates include site preparation, demolition, land acquisition, 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 2014 for:

1. Construction of 85 new Family housing units.
2. Appropriation in the amount of \$39,600,000 to fund construction of 85 new Family housing units.

A summary of the requested new construction funding program for FY 2014 follows:

Location	Mission	Units Constructed	Units Divested	Amount (\$000)
Fort McCoy, Wisconsin	Current	56	N/A	23,000
South Camp Vilseck, Germany	Current	29	N/A	16,600
TOTAL:		85 Units		39,600

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE APRIL 2013
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.09	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS		SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 OCT 2012	476	1056	1336	0	248	0	
B. END FY 2018	472	1154	1397	0	140	0	
						TOTAL	
						9,438	
						8,677	
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	52,449 ha		(129,605 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....					2,404,276		
C. AUTHORIZATION NOT YET IN INVENTORY.....					22,900		
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....					23,000		
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....					0		
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....					0		
G. REMAINING DEFICIENCY.....					0		
H. GRAND TOTAL.....					2,450,176		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT				COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
711	74861	Family Housing New Construction		23,000	TURNKEY		
				TOTAL	23,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE	PROJECT TITLE		(\$000)				
A. INCLUDED IN THE FY 2015 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Fort McCoy, Wisconsin is a semi-active installation and is maintained on a continuous basis in support of permanent complement, Active Army, tenants, United States Army Reserves, USAR Component Groups, National Guard, Marine Reserves, and Airborne Forces Activities for the states of Illinois, Iowa, Minnesota, Upper Peninsula of Michigan, and Wisconsin, for a total in excess of 67,000 troops during annual training, environmental training, and annual MUTA Support.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE APRIL 2013
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INSTALLATION AND LOCATION: Fort McCoy, Wisconsin

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 2014 MILITARY CONSTRUCTION PROJECT DATA		2.DATE APRIL 2013	
3.INSTALLATION AND LOCATION Fort McCoy Wisconsin			4.PROJECT TITLE Family Housing New Construction		
5.PROGRAM ELEMENT 88741A	6.CATEGORY CODE 711	7.PROJECT NUMBER 74861	8.PROJECT COST (\$000) Approp 23,000		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					15,794
Fam Hsg Senior Officer 4 BR		FA	1 --	424,032	(424)
Fam Hsg Field Grade Officer 3 B		FA	6 --	317,127	(1,903)
Fam Hsg Senior NCO 3 BR		FA	49 --	268,171	(13,140)
Sustainability/Energy Measures		LS	--	--	(327)
<u>SUPPORTING FACILITIES</u>					4,712
Electric Service		LS	--	--	(284)
Water, Sewer, Gas		LS	--	--	(784)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,162)
Storm Drainage		LS	--	--	(274)
Site Imp(2,078) Demo()		LS	--	--	(2,078)
Information Systems		LS	--	--	(130)
ESTIMATED CONTRACT COST					20,506
CONTINGENCY (5.00%)					<u>1,025</u>
SUBTOTAL					21,531
SUPV, INSP & OVERHEAD (5.70%)					<u>1,227</u>
TOTAL REQUEST					22,758
TOTAL REQUEST (ROUNDED)					23,000
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction Construct 56 single Family Housing units for Senior Officer (SO) (1 four bedroom unit), Field Grade Officer (FGO) (6 three bedroom units) and Senior Non-Commissioned Officer (SNCO) (49 three bedroom units). Project includes individual unit metering of utilities, hard wired interconnected smoke detectors, carbon monoxide detection, garages, storage, patios, backyard fencing, landscaping, and all equipment and appliances for fully functional residential living units. Project includes neighborhood amenities, walkways, roads, utilities, Utility Energy Monitoring and Control System (UEMCS), environmental measures required by law and associated supporting infrastructure. Project shall comply with the Army Standard for Family Housing and the Army Family Housing Standard Design Criteria and site adapt design from a prior project. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, ASHRAE 189.1 standards through improved building envelope and integrated building systems performance. At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities.					

1. COMPONENT	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		APRIL 2013

3. INSTALLATION AND LOCATION
Fort McCoy, Wisconsin

4. PROJECT TITLE	5. PROJECT NUMBER
Family Housing New Construction	74861

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	#Units	Total(\$K)
SO	4	2,234*	2,770*	256*	1.134	1,460	1	424
FGO	3	1,790*	2,220*	206*	1.134	1,358	6	1,903
SNCO	3	1,661*	2,060*	191*	1.134	1,238	49	13,140
TOTALS							56	15,467

* Includes additional SF and SM for harsh climate (per DA PAM 420-1-1).

PROJECT: Construct 56 single Family Housing units for Senior Officer (SO) (1 four bedroom unit), Field Grade Officer (FGO) (6 three bedroom units) and Senior Non-Commissioned Officer (SNCO) (49 three bedroom units) including neighborhood amenities and supporting infrastructure. (Current mission)

REQUIREMENT: The current requirement, as outlined in the 18 Jan 2011 Fort McCoy Housing Market Analysis (HMA) for on post government control housing is for a total of 134 units. Existing assets total is 57 units. Therefore 77 additional units are required. After this project there is need of 21 units.

CURRENT SITUATION: Fort McCoy leased 80 homes in the City of Tomah, Wisconsin which is nine miles off-site. This section 801 lease expired in June of 2012. These homes return to the private sector housing community and is accounted for in the 2011 HMA. However, the local housing community still cannot meet the Ft McCoy requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Soldiers and their Families will continue to live in inadequate rental units. The local rental market has insufficient numbers of suitable 3 and 4 bedroom single family homes. Military Families will continue to be adversely affected, deteriorating their overall quality of life.

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

Installation Engineer: Darrell Neitzel
Phone Number: 608-388-3815

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APRIL 2013
3. INSTALLATION AND LOCATION Fort McCoy, Wisconsin		
4. PROJECT TITLE Family Housing New Construction	5. PROJECT NUMBER 74861	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... DEC 2011
 - (b) Percent Complete As Of January 2013..... 60.00
 - (c) Date 35% Designed..... FEB 2012
 - (d) Date Design Complete..... SEP 2013
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Adapt-Build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... _____
 - (b) All Other Design Costs..... 920
 - (c) Total Design Cost..... 920
 - (d) Contract..... 760
 - (e) In-house..... 160

- (4) Construction Contract Award..... MAR 2014

- (5) Construction Start..... MAR 2014

- (6) Construction Completion..... DEC 2015

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD) 130319		2. FISCAL YEAR 2014		REPORT CONTROL SYMBOL DD-AT&L(AR)1716		
3. DOD COMPONENT Army		4. REPORTING INSTALLATION						
5. DATA AS OF 130131		a. NAME Fort McCoy			b. LOCATION Fort McCoy, Wisconsin			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (e)	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (e)
6. TOTAL PERSONNEL STRENGTH	196	654	2	852	178	570	2	750
7. PERMANENT PARTY PERSONNEL	196	654	2	852	178	570	2	750
8. GROSS FAMILY HOUSING REQUIREMENTS	139	442	2	583	128	413	2	543
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED	0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	0	0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	0	0	0	0				
10. VOLUNTARY SEPARATIONS	4	33	0	37	4	30	0	34
11. EFFECTIVE HOUSING REQUIREMENTS	138	409	2	549	124	383	2	509
12. HOUSING ASSETS (a+b)	105	310	2	417	105	325	2	432
a. UNDER MILITARY CONTROL	13	42	2	57	13	42	2	57
(1) Housed in Existing DoD Owned/Controlled	13	42	2	57	13	42	2	57
(2) Under Contract/Approved					0	0	0	0
(3) Vacant	0	0	0	0				
(4) Inactive	0	0	0	0				
b. PRIVATE HOUSING	92	268	0	360	92	283	0	375
(1) Acceptably Housed	92	268	0	360				
(2) Acceptable Vacant Rental	0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT	33	99	0	132	19	58	0	77
14. PROPOSED PROJECT					7	49	0	56
15. REMARKS (Specify item number) FY2014, PN74861: construct 56 single Family Housing units for Senior Officer (SO) Field Grade Officers (FGO) and Senior Non-Commissioned Officers (NCOs). The units are a mix of one (1) four-bedroom (4-BR), and 55 three bedroom (3-BR). Item 12a(1) -- DoD current assets include 57 existing units and no leased units (80 leased units expired in FY12) Breakdown of personnel strength by paygrade group is based on Housing Market Analysis 18 JAN 2011, Item 6 -- PROJECTED military population is 750, 691 active duty US Military stationed on Ft McCoy and projected 59 Active duty US Military in surrounding area from current population; ASIP 14 FEB 13, military units identified by SAMAS of 03 JAN 12 PN74861 SO 1 unit 4 BR FGO 6 units 3 BR SNCO 49 units 3 BR								

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM						2. DATE APRIL 2013
3. INSTALLATION AND LOCATION Germany Various Germany			4. COMMAND US Army Installation Management Command			5. AREA CONSTRUCTION COST INDEX 1.20	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 31 OCT 2012	6064	29091	15851	3	157	23	2803 5840 19246 79,078
B. END FY 2018	5314	21768	14985	6	102	11	2844 5859 14457 65,346
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	1,237 ha		(3,057 AC)				
B. INVENTORY TOTAL AS OF 08 JAN 2013.....	2,756,295						
C. AUTHORIZATION NOT YET IN INVENTORY.....	960,334						
D. AUTHORIZATION REQUESTED IN THE FY 2014 PROGRAM.....	16,600						
E. AUTHORIZATION INCLUDED IN THE FY 2015 PROGRAM.....	68,250						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	0						
H. GRAND TOTAL.....	3,801,479						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2014 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
711	78712	Family Housing New Construction		16,600	TURNKEY		
TOTAL				16,600			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2015 PROGRAM:							
711	Family Housing Improvements			7,000			
711	Family Housing New Construction			20,750			
711	Family Housing Improvements			40,500			
TOTAL				68,250			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):				N/A			
10. MISSION OR MAJOR FUNCTIONS:							
Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US EUCOM theater strategy. Installations serve as a base for projecting power in and out of EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations. These units consist of combat, combat support, and combat service support tactical units as well as theater, mission, installation support, and quality of life organizations required to maintain a trained and ready force overseas.							

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROGRAM	2. DATE APRIL 2013
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INSTALLATION AND LOCATION: Germany Various, Germany

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA			2.DATE APRIL 2013	
3.INSTALLATION AND LOCATION South Camp Vilseck Germany (Germany Various)				4.PROJECT TITLE Family Housing New Construction		
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 78712		8.PROJECT COST (\$000) APPROP 16,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,904
Junior NCO/Enlisted E-1 thru 6		FA	14 --		316,432	(4,430)
Junior NCO/Enlisted E-1 thru 6		FA	15 --		373,854	(5,608)
Sustainability/Energy Measures		LS	--		--	(866)
<u>SUPPORTING FACILITIES</u>						3,941
Electric Service		LS	--		--	(588)
Water, Sewer, Gas		LS	--		--	(217)
Paving, Walks, Curbs & Gutters		LS	--		--	(655)
Storm Drainage		LS	--		--	(293)
Site Imp(2,052) Demo()		LS	--		--	(2,052)
Information Systems		LS	--		--	(136)
ESTIMATED CONTRACT COST						14,845
CONTINGENCY (5.00%)						742
SUBTOTAL						15,587
SUPV, INSP & OVERHEAD (6.50%)						1,013
TOTAL REQUEST						16,600
TOTAL REQUEST (ROUNDED)						16,600
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction Construction of 29 townhouse style units for Junior Non-Commissioned Officer (JNCO)(14 three-bedroom and 15 four-bedroom units). Floor plans and specifications follow established standard townhouse designs from previous projects at Ansbach and Wiesbaden. Project includes individual unit metering of utilities, hard wired interconnected smoke detectors, carbon monoxide detection, garages, storage, patios, backyard fencing, landscaping, and all equipment and appliances for fully functional residential living units. Project includes neighborhood amenities, walkways, roads, utilities, Utility Energy Monitoring and Control System (UEMCS), environmental measures required by law and associated supporting infrastructure. Local construction methods and materials will be used to include tile roofs, 110/220V electric systems, masonry walls, prefab concrete floors & ceilings, exterior insulation and stucco, European windows and doors. Project shall comply with the Army Standard for Family Housing and the Army Family Housing Standard Design Criteria. At least five percent of these units will be accessible or readily and easily modifiable for use by persons with disabilities. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, ASHRAE 189.1 standards through improved building envelope and integrated building systems performance.						

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APRIL 2013
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3. INSTALLATION AND LOCATION

South Camp Vilseck, Germany (Germany Various)

4. PROJECT TITLE Family Housing New Construction	5. PROJECT NUMBER 78712
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	#BR	Net SF	Gross SF	Gross SM	Proj Factor	\$/GSM	#Units	Total(\$K)
JNCO	4	1,565	1,950	181	1.32	1,565	15	5,609
JNCO	3	1,315	1,630	151	1.32	1,587	14	4,429
TOTAL							29	10,038

PROJECT: Construction of 29 townhouse style units for Junior Non-Commissioned Officer (JNCO)(14 three-bedroom and 15 four-bedroom units) to include neighborhood amenities, energy conservation and supporting infrastructure. (Current Mission)

REQUIREMENT: USAREUR stationing management team expects the Grafenwoehr/Vilseck community end state population to be 7,527 persons. The new townhouses in Vilseck will improve the quality of available housing, providing more on-post housing for junior enlisted. Private rental usage supports the need for additional on-post quarters, and the housing market analysis with the projected steady state population will support the requirement for additional on-post quarters both in terms of quality and quantity.

CURRENT SITUATION: There is currently a lack of Family housing units on the Main Post and Rose Barracks for the garrison's military population. Lease and off post rental units have been exhausted to the maximum extent possible. Grafenwoehr/Vilseck is a very rural area, and there are no large population centers near the installations that can provide the required amounts of Family housing. Private rental market is saturated. It remains a challenge to effectively locate housing that is adequate to Army standards and affordable.

IMPACT IF NOT PROVIDED: If this project is not provided, Family housing to support USAREUR stationing requirements cannot be realized. Many married Soldiers may be forced to accept unaccompanied tours, which will have a negative impact on morale, mission readiness and quality of life of the Soldiers and their Families. Off post security will continue to be an issue.

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

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APRIL 2013
3. INSTALLATION AND LOCATION South Camp Vilseck, Germany (Germany Various)		
4. PROJECT TITLE Family Housing New Construction	5. PROJECT NUMBER 78712	
<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: Florian Kneidl Phone Number: 314-475-6400</p>		

1. COMPONENT ARMY	FY 2014 MILITARY CONSTRUCTION PROJECT DATA	2. DATE APRIL 2013
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3. INSTALLATION AND LOCATION

South Camp Vilseck, Germany (Germany Various)

4. PROJECT TITLE Family Housing New Construction	5. PROJECT NUMBER 78712
---	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... DEC 2011
 - (b) Percent Complete As Of January 2013..... 65.00
 - (c) Date 35% Designed..... FEB 2012
 - (d) Date Design Complete..... SEP 2013
 - (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:
Grafenwoehr Tng Area GE31P

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... _____
 - (b) All Other Design Costs..... 1,255
 - (c) Total Design Cost..... 1,255
 - (d) Contract..... 775
 - (e) In-house..... 480

- (4) Construction Contract Award..... MAR 2014

- (5) Construction Start..... MAR 2014

- (6) Construction Completion..... DEC 2015

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT (YYMMDD) 130314		2. FISCAL YEAR 2014		REPORT CONTROL SYMBOL DD-AT&L(AR)1716	
3. DOD COMPONENT Army		4. REPORTING INSTALLATION							
5. DATA AS OF 130214		a. NAME USAG Grafenwoehr				b. LOCATION South Camp Vilseck			
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (c)	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (c)
6. TOTAL PERSONNEL STRENGTH		1,050	6,024	1,968	9,042	888	5,199	1,698	7,785
7. PERMANENT PARTY PERSONNEL		1,050	6,024	1,968	9,042	888	5,199	1,698	7,785
8. GROSS FAMILY HOUSING REQUIREMENTS		569	4,924	666	6,159	508	3,539	447	4,494
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		73	758	109	940				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	0	0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		73	758	109	940				
10. VOLUNTARY SEPARATIONS		17	305	28	350	17	278	1	296
11. EFFECTIVE HOUSING REQUIREMENTS		479	3,861	529	4,869	491	3,261	446	4,198
12. HOUSING ASSETS (a+b)		396	3,027	410	3,833	491	3,089	410	3,990
a. UNDER MILITARY CONTROL		276	2,196	289	2,761	246	2,635	410	3,291
(1) Housed in Existing DoD Owned/Controlled		276	2,196	289	2,761	246	2,593	390	3,229
(2) Under Contract/Approved						0	42	20	62
(3) Vacant		0	0	0	0				
(4) Inactive		0	0	0	0				
b. PRIVATE HOUSING		120	831	121	1,072	245	454	0	699
(1) Acceptably Housed		120	831	121	1,072				
(2) Acceptable Vacant Rental		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		83	834	119	1,036	0	172	36	208
14. PROPOSED PROJECT						0	25	4	29
15. REMARKS (Specify item number)									
FY2014, PN78712, construction of 29 townhouse style units for Junior Non-commissioned Officers (JNCO -- current mission)									
12a(1) -- CURRENT assets include 1,915 leased units in long-term and mid-term leases									
12a(1) -- PROJECTED assets include 1,846 leased units in long-term and mid-term leases									
Breakdown of personnel strength by paygrade group is based on Housing Market Analysis 30 MAY 2011									
PN78712									
JNCO 15 Units 4BR									
JNCO 14 units 3BR									

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
PLANNING AND DESIGN

(\$ in Thousands)

FY 2014 Budget Request	\$4,408
FY 2013 Program Budget	\$4,641

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 are used to plan and design future Family housing new and post-acquisition construction, as well as energy conservation projects.

Authorization and Appropriation Request

Authorization and appropriation requested for \$4,408,000 in FY 2014 to fund Family housing construction planning and design activities.

PROGRAM SUMMARY

Planning and Design funds will provide for solicitation of FY 2014 projects, final design of FY 2015 projects and initiation of design of FY 2016 projects. This funding also provides for studies, and updating construction standards and criteria.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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1.COMONENT ARMY		FY 2014 MILITARY CONSTRUCTION PROJECT DATA		2.DATE APRIL 2013	
3.INSTALLATION AND LOCATION Planning and Design Worldwide Various			4.PROJECT TITLE Family Housing P & D		
5.PROGRAM ELEMENT 88742A	6.CATEGORY CODE 711	7.PROJECT NUMBER 71964	8.PROJECT COST (\$000) Approp 4,408		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY Planning & Design		LS	--	--	4,408 (4,408)
SUPPORTING FACILITIES					
ESTIMATED CONTRACT COST					4,408
CONTINGENCY (.00 %)					0
SUBTOTAL					4,408
SUPV, INSP & OVERHEAD (.00 %)					0
TOTAL REQUEST					4,408
TOTAL REQUEST (ROUNDED)					4,408
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction Provides for parametric, concept and final design of Family housing new and post-acquisition projects; associated surveys; value engineering; and development of standards and criteria for Army Family housing facilities and properties. <u>PROJECT:</u> Planning and design funding for Family housing. <u>REQUIREMENT:</u> This funding is required to provide for Architect-Engineer (A-E) services for site surveys and preparation of designs and specifications for the Army Family housing construction program, including value engineering, and continued development of design criteria, standards, specifications and technical manuals. Funds will be used by the US Army Corps of Engineers (USACE) for in-house designs, A-E contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of FY 2014 projects; for advancement to final design of FY 2015 projects; and, for initiation of design of FY 2016 projects. <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 2014, 2015 and 2016 construction programs.					

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES

(\$ in Thousands)

FY 2014 Budget Request	\$306,286
FY 2013 Program Budget	\$300,508

PURPOSE AND SCOPE

1. Operation Accounts. The Operation accounts provide for expenses in the following sub-accounts and includes both direct and indirect support for operations, maintenance, and utilities for government-owned, government-operated Family housing units, as applicable:

a. Management – Provides funding for Family housing management, installation administrative support and for services provided by Housing Services Offices (HSO) to provide information to place Families in local community housing. It also includes housing requirement surveys, condition assessments of existing housing, and development of Family housing construction and repair projects. The Management account provides for the operation of the enterprise Military Housing (eMH) system that supports effective housing management and for personnel costs for those Army employees staffing the HSO at all locations, including privatized housing locations.

b. Services – Provides basic installation service support functions such as refuse collection and disposal, insect and pest control, snow removal and street cleaning, and the Family housing proportional share of fire and police protection.

c. Furnishings – Provides for procurement, management, control, moving and handling of furnishings and household equipment, maintenance, repair, and replacement of existing furnishings and equipment inventory at all locations, including privatized housing locations.

d. Miscellaneous – Provides payments to non-Department of Defense federal agencies for Family housing units occupied by Army personnel.

2. Maintenance Account. The Maintenance account provides funding for the following activities required to maintain Family housing real property assets:

a. Recurring Maintenance & Repair (M&R) – Includes service calls, interior and exterior painting, between occupancy maintenance, and minor M&R work.

b. Major Maintenance and Repair – Major M&R work continues our revitalization program to extend the useful life of the quarters, reduce future maintenance and utility costs, and increase occupancy. This account also provides for repairs and improvements to extend the useful life of foreign units retained in service longer than initially programmed.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)

c. Exterior Utilities – Includes costs for M&R of sewer and water lines, primary and secondary electric lines, and other exterior utilities used exclusively by Family housing.

d. M&R, Other Real Property – Includes work on grounds, surfaced areas, playgrounds, and other real property serving the Family housing community.

e. Alterations & Additions – Includes low-cost incidental (minor) improvements not to exceed \$3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects and includes modifications to quarters to meet the needs of exceptional Family members.

3. Utilities Account. The Utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for Family housing units.

PROGRAM SUMMARY

Authorization and appropriation are requested for [\$300,508,000] \$306,286,000 for FY 2014. This amount, together with estimated reimbursements of [\$15,000,000] \$15,000,000, will fund the Operation, Utilities, and Maintenance program at [\$315,508,000] \$321,286,000. A summary follows:

<u>(\$ in Thousands)</u>					
<u>Operation</u>	<u>Maintenance</u>	<u>Utilities</u>	<u>Total Direct</u>	<u>Reimburse-ment</u>	<u>Total Program</u>
101,740	107,639	96,907	306,286	15,000	321,286

EXHIBIT FH-2 SUMMARY

Operational requirements are a function of the annual cost-per-unit of supported installations. In general, it is less expensive to operate Family housing at installations in the U.S., as compared to those in foreign countries. In FY 2014, the foreign inventory will represent 94.2 percent of the average Army-owned inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)

Family Housing Operations and Maintenance Reprogramming Actions
Fiscal Year 2012

Account	FY 2012	FY 2012	FY 2012	FY 2012	% RPG	FY 2012 End
	Appropriation	DD 1415 RPG	BLW THD RPG	Above THD RPG		of Year
	(\$000)	(\$000)	(\$000)	(\$000)		(\$000)
Utilities	73,637		10,781	349	15%	84,767
Operations	85,386		(4,207)	4,593	0%	85,773
Management	54,728		(3,686)		-7%	51,042
Services	15,797		(2,748)		-17%	13,049
Furnishings	14,256		2,204	4,593	48%	21,053
Miscellaneous	605		24		4%	629
Leasing	204,426		(8,212)		-4%	196,214
Maintenance	104,268		4,028	(4,942)	-1%	103,354
Adjustments						
Privatization Support	25,741		(2,394)		-9%	23,347
Close Year App				4		4
FCF		7,207				7,207
Total	493,458	7,207	-	-		500,665

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2012 CURRENT ESTIMATE		FY 2013 BUDGET REQUEST		FY 2014 BUDGET ESTIMATE	
INVENTORY BEGINNING OF YEAR	15,744		16,068		15,881	
INVENTORY END OF YEAR	16,068		15,881		16,009	
EFFECTIVE AVERAGE INVENTORY	15,906		15,975		15,945	
HISTORIC UNITS	115		115		115	
UNITS REQUIRING O&M FUNDING:						
a. CONUS	925		925		925	
b. Foreign	15,143		14,956		15,084	
c. Worldwide	16,068		15,881		16,009	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	3,177	50,535	3,566	56,970	3,414	54,433
b. Services	814	12,947	844	13,487	849	13,536
c. Furnishings	1,324	21,052	1,990	31,785	2,077	33,125
d. Miscellaneous	N/A	629	N/A	620	N/A	646
SUBTOTAL - OPERATION	5,315	85,163	6,400	102,862	6,340	101,740
2. UTILITIES	5,328	84,746	5,516	88,112	6,078	96,907
3. MAINTENANCE						
a. Annual Recurring M&R	2,600	41,352	2,811	44,909	2,768	44,132
b. Major M&R Projects	2,980	47,404	3,223	51,481	3,173	50,590
c. Exterior Utilities	190	3,026	206	3,286	203	3,229
d. M&R, Other Real Prop.	444	7,060	480	7,667	473	7,535
e. Alts. & Additions	127	2,017	137	2,191	135	2,153
SUBTOTAL MAINTENANCE	6,341	100,859	6,857	109,534	6,751	107,639
Foreign Currency Adjustments	N/A	7,207				
4. APPROPRIATION	16,983	277,975	18,773	300,508	19,168	306,286
5. REIMBURSABLE PROGRAM	1,132	18,000	939	15,000	941	15,000
6. TOTAL O&M PROGRAM	18,115	295,975	19,712	315,508	20,109	321,286

EXHIBIT FH-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY -- U.S. (incl. Alaska and Hawaii)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2012 CURRENT ESTIMATE		FY 2013 BUDGET REQUEST		FY 2014 BUDGET ESTIMATE	
INVENTORY BEGINNING OF YEAR	1,033		925		925	
INVENTORY END OF YEAR	925		925		925	
EFFECTIVE AVERAGE INVENTORY	979		925		925	
HISTORIC UNITS	115		115		115	
UNITS REQUIRING O&M FUNDING:	925		925		925	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	26,770	24,762	30,179	27,915	28,835	26,672
b. Services	980	906	729	674	732	677
c. Furnishings	455	421	1,374	1,271	1,432	1,325
d. Miscellaneous	N/A	629	N/A	620	N/A	646
SUBTOTAL - OPERATION	28,885	26,718	32,952	30,481	31,697	29,320
2. UTILITIES	10,994	10,169	11,431	10,573	11,524	10,660
3. MAINTENANCE						
a. Annual Recurring M&R	4,471	4,135	5,341	4,940	5,725	5,296
b. Major M&R Projects	5,125	4,740	6,122	5,663	6,563	6,071
c. Exterior Utilities	327	303	391	361	419	388
d. M&R, Other Real Prop.	763	706	912	843	977	904
e. Alts. & Additions	218	202	261	241	279	258
SUBTOTAL MAINTENANCE	10,904	10,086	13,026	12,049	13,964	12,917
4. APPROPRIATION	50,782	46,974	57,409	53,103	57,185	52,896
5. REIMBURSABLE PROGRAM	46,099	13,000	39,130	9,000	31,818	7,000
6. TOTAL O&M PROGRAM	64,837	59,974	67,139	62,103	64,753	59,896

EXHIBIT FH-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY -- FOREIGN (incl. U.S. territories)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2012 CURRENT ESTIMATE		FY 2013 BUDGET REQUEST		FY 2014 BUDGET ESTIMATE	
INVENTORY BEGINNING OF YEAR	14,711		15,143		14,956	
INVENTORY END OF YEAR	15,143		14,956		15,084	
EFFECTIVE AVERAGE INVENTORY	14,927		15,050		15,020	
HISTORIC UNITS	0		0		0	
UNITS REQUIRING O&M FUNDING:	15,143		14,956		15,084	
B. FUNDING REIUREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	1,702	25,773	1,943	29,055	1,840	27,761
b. Services	795	12,041	857	12,813	853	12,859
c. Furnishings	1,362	20,631	2,040	30,514	2,108	31,800
d. Miscellaneous	N/A	-	N/A	-	N/A	-
SUBTOTAL - OPERATION	3,860	58,445	4,840	72,381	4,801	72,420
2. UTILITIES	4,925	74,576	5,184	77,539	5,718	86,247
3. MAINTENANCE						
a. Annual Recurring M&R	2,458	37,217	2,672	39,969	2,575	38,836
b. Major M&R Projects	2,817	42,663	3,064	45,818	2,951	44,519
c. Exterior Utilities	180	2,723	196	2,925	188	2,842
d. M&R, Other Real Prop.	420	6,354	456	6,824	440	6,631
e. Alts. & Additions	120	1,815	130	1,950	126	1,894
SUBTOTAL MAINTENANCE	5,994	90,773	6,518	97,485	6,280	94,722
Foreign Currency Adjustments	N/A	7,207				
4. APPROPRIATION	14,779	231,001	16,542	247,405	16,799	253,390
5. REIMBURSABLE PROGRAM	7,987	5,000	17,110	9,000	15,094	8,000
6. TOTAL O&M PROGRAM	15,417	236,001	15,899	256,405	15,689	261,390

EXHIBIT FH-2

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 OPERATIONS, MAINTENANCE, AND UTILITIES (Continued)
 FOREIGN CURRENCY EXCHANGE DATA
 (\$ in Thousands)

Component: Army
 Date: March 2013

Army Family Housing Operations

<u>Country</u>	FY 2012		FY 2013		FY 2014	
	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates
Denmark	-	-	-	-	-	-
Euro	247,414	0.7491	251,372	0.7241	235,941	0.7259
Japan	8,845	91.2524	8,987	82.4035	10,271	81.7098
Norway	-	-	-	-	-	-
Singapore	-	-	-	-	-	-
South Korea	53,762	1,099.5183	54,622	1,095.1635	44,876	1,140.7859
Turkey	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-
TOTAL	310,021		314,982		291,088	

Army Family Housing Construction

<u>Country</u>	FY 2012		FY 2013		FY 2014	
	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates
Denmark	-	-	-	-	-	-
Euro	169,000	0.7491	-	0.7241	16,600	0.7259
Japan	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Singapore	-	-	-	-	-	-
South Korea	-	-	-	-	-	-
Turkey	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-
TOTAL	169,000		0		16,600	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATION ACCOUNT

(\$ in Thousands)

FY 2014 Budget Request	\$101,740
FY 2013 Program Budget	\$102,862

Budget Methodology

The Operation account includes four sub-accounts: management, services, furnishings, and miscellaneous. All Operation sub-accounts are considered “must pay accounts” in order to manage and operate Family housing.

The Management sub-account is estimated based on historic expenditures that have been adjusted for reductions in contract support requirements.

The Services sub-account provides police and fire protection, trash pickup and other municipal functions and is estimated based on historic, per-unit expenditures that have been adjusted for non-pay inflation factors and for changes to foreign currency exchange rates.

The Furnishings sub-account is estimated based on the expected increase to the Yongson Relocation Plan (YRP), historic adjustments, civilian pay inflation factors, and for changes to foreign currency exchange rates. This net estimate is then adjusted by process efficiencies.

The Miscellaneous sub-account is based on anticipated interagency reimbursement (Department of Defense to Department of Homeland Security) for housing provided to Army personnel by the U.S. Coast Guard that have been adjusted for non-pay inflation factors and a fee change.

Summary of Primary Adjustments in FY 2014 Budget

The FY 2014 request supports Army-owned Family housing inventory.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)	
FY 2014 Budget Request	\$54,433
FY 2013 Program Budget	\$56,970

The Management sub-account provides funding for the continued requirement of salaries, referral services, housing requirements analysis, and project planning. The overall FY 2014 Management sub-account budget estimate is decreased due to reduction in contract support requirements.

All Army installations continue to require a housing staff to provide housing services related to the community (e.g., referrals to private sector housing, deposit waiver, and community liaison). This workforce supports military personnel with their housing requirements, regardless of whether they are seeking on-post, privatized or community housing. Installations with privatized on-post Family housing also require a housing staff to provide these services.

EFFECT OF PRIVATIZATION

There are no effects due to privatization.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS
MANAGEMENT SUB-ACCOUNT
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	\$ In Thousands
1. FY 2013 President's Budget Request	56,970
2. FY 2013 Current Estimate	56,970
3. Program Adjustments: Reduction in contract support	-2,537
4. FY 2014 President's Budget Request	54,433

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT

(\$ in Thousands)

FY 2014 Budget Request	\$13,536
FY 2013 Program Budget	\$13,487

The FY 2014 request is based on the level of support for refuse collection, street cleaning, snow removal, police and fire protection, entomology, pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on non-pay/ non-fuel inflation factors.

EFFECT OF PRIVATIZATION

There are no effects due to privatization.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATIONS
MANAGEMENT SUB-ACCOUNT
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1. FY 2013 President's Budget Request	56,970
2. FY 2013 Current Estimate	56,970
3. Program Adjustments: Reduction in contract support	-2,537
4. FY 2014 President's Budget Request	54,433

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
 FURNISHINGS SUB-ACCOUNT

(\$ in Thousands)	
FY 2014 Budget Request	\$33,125
FY 2013 Program Budget	\$31,785

The Furnishings sub-account is used for procuring, controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e. refrigerators, ranges, and where authorized, washers and dryers). In overseas and foreign locations, added furniture items (e.g., beds, tables, and dressers) are authorized.

There is a programmatic adjustment due to civilian pay inflation and to account for restoring a much-needed furnishings purchase in Korea to support the Yongsan relocation, where the existing furnishings are not in adequate condition to transport and reuse. There is also a price adjustment due to currency fluctuation.

EFFECT OF PRIVATIZATION

Furnishings for privatized GFOQs are supported as required.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	\$ In Thousands
1. FY 2013 President's Budget Request	31,785
2. FY 2013 Current Estimate	31,785
3. Price Adjustments: Currency Fluctuation Adjustments	-2,775
4. Program Adjustments:	4,115
a. Increase for required purchase of new furnishings in Korea	4,338
b. Civilian Pay Inflation	-223
5. FY 2014 President's Budget Request	33,125

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)

FY 2014 Budget Request	\$646
FY 2013 Program Budget	\$620

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to Army Soldiers and their Families. The FY 2014 request will fund payments for housing provided by the U.S. Coast Guard for Army Families in California, Massachusetts, and Puerto Rico. The increase is due to non-pay inflation, and will properly compensate U.S. Coast Guard per agreement.

EFFECT OF PRIVATIZATION

There are no effects due to privatization.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

\$ In Thousands

1.	FY 2013 President's Budget Request	620
2.	FY 2013 Current Estimate	620
3.	Price Adjustments: Non-Pay Inflation	26
4.	FY 2014 President's Budget Request	646

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MAINTENANCE AND REPAIR ACCOUNT

(\$ in Thousands)	
FY 2014 Budget Request	\$107,639
FY 2013 Program Budget	\$109,534

Maintenance and Repair (M&R) requirements are computed using the DoD Facilities Sustainment Model (FSM). Factors are established based on costs per square foot for dwelling units at the installation level and then adjusted to budget year estimates by applying non-pay inflation, and currency fluctuation factors. The result is annual sustainment costs.

The Army maintains an inventory valued at approximately \$5.2 billion as measured by replacement costs. Ensuring that these facilities can be consistently occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The Maintenance and Repair Account is reduced due to decreased M&R requirements related to the reduction of foreign inventory.

EFFECT OF PRIVATIZATION

There are no effects due to privatization.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MAINTENANCE AND REPAIR
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	\$ In Thousands
1. FY 2013 President's Budget Request	109,534
2. FY 2013 Current Estimate	109,534
3. Program Adjustments: Decreased foreign inventory	-1,895
4. FY 2014 President's Budget Request	107,639

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

The project list in this section is provided for authorization in accordance with the reporting requirement stated in Title 10 USC Sections 2831 and 2884 and Public Law 112-74, Consolidated Appropriations Act, 2012, Division H, Military Construction and Veterans Affairs and Related Agencies Appropriations Act, 2012. Information is provided regarding the anticipated costs for those GFOQ where maintenance and repair obligations in FY 2014 are expected to exceed \$35,000 per dwelling unit.

The Army's GFOQ maintenance and repair program includes government-owned and leased homes worldwide. The Army programs major maintenance and repair projects for government-owned homes that will be retained long-term. The Army continues to seek alternatives to replace large and expensive GFOQ. The Army's GFOQ program for FY 2014 includes 31 GFOQ where the total maintenance and repair cost per dwelling unit exceeds \$35,000, at a total maintenance and repair cost of \$2,346,500. This total does not include maintenance and repair costs for GFOQ which are under \$35,000 per unit. Maintenance and repair includes recurring work such as service calls, preventive maintenance and between occupancy maintenance, as well as major repairs.

The total maintenance and repair cost of \$2,954,400 includes major repair projects to 9 GFOQ at a total cost of \$918,500. The FY 2014 program supports the Army's ongoing goal to buy-out major repairs at legacy GFOQ worldwide. For FY 2014, most of the programmed repairs are at Joint Base Myer-Henderson Hall (JBMHH), Virginia and Rock Island Arsenal, Illinois. Major repairs of historic GFOQ at JBMHH continue in FY 2014 and beyond due to the need to balance project execution while simultaneously meeting ongoing housing requirements.

In historic quarter's major work is coordinated with the appropriate State Historic Preservation Office. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, Public Law 89-665, as amended, to preserve and maintain these units. Many of the Army's remaining GFOQ were built prior to any Congressional size limitations and are generally larger and more expensive to maintain than more contemporary structures. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs and preclude compliance with Congressionally-directed preservation responsibilities.

The Army's project review and approval process eliminates unnecessary maintenance and repair. The following requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS LEASE	NEW WORK
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DISTRICT OF COLUMBIA**Fort McNair****Quarters 1**

201 Second Avenue	3,184	Yes	1903	\$62,500	-	-
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Operations/Utilities/Security - \$76,900; Total O&M - \$139,400
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$15,000; grounds maintenance - \$12,500.

Quarters 2

205 Second Avenue	3,184	Yes	1905	\$58,500	-	-
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Operations/Utilities/Security - \$71,900; Total O&M - \$130,400
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$26,000; interior painting - \$10,000; grounds maintenance - \$12,500.

Quarters 5

217 Second Avenue	2,876	Yes	1903	\$62,500	-	-
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Operations/Utilities/Security - \$71,900; Total O&M - \$134,400
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$15,000; grounds maintenance - \$12,500.

Quarters 8

229 Second Avenue	4,057	Yes	1903	\$72,500	-	-
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Operations/Utilities/Security - \$73,300; Total O&M - \$145,800
Maintenance and repairs including service calls - \$10,000; routine maintenance including change of occupancy maintenance - \$25,000; interior painting - \$25,000; grounds maintenance - \$12,500.

Quarters 9

233 Second Avenue	4,278	Yes	1903	\$55,400	-	-
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Operations/Utilities/Security - \$71,900; Total O&M - \$127,300
Maintenance and repairs including service calls - \$7,800; routine maintenance and repairs including change of occupancy maintenance - \$20,100; interior painting - \$15,000; grounds maintenance - \$12,500.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS LEASE	WORK

Fort McNair (continued)**Quarters 14**

253 Second Avenue	3,169	Yes	1903	\$62,500	-	-
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Operations/Utilities/Security - \$72,300; Total O&M - \$134,800
Maintenance and repairs including service calls - \$10,000; routine maintenance and repairs including change of occupancy maintenance - \$25,000; interior painting - \$15,000; grounds maintenance - \$12,500.

ILLINOIS**Rock Island Arsenal****Quarters 2**

3232 Terrace Drive	3,780	Yes	1873	\$35,100	-	-
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Operations/Utilities/Security - \$19,200; Total O&M - \$54,300
Maintenance and repairs including service calls - \$9,000; routine maintenance and repair - \$2,900; self-help - \$700; grounds maintenance - \$5,000; incidental improvements - \$500; change of occupancy - \$2,000; paint interior - \$15,000.

Quarters 3

3232 Terrace Drive	4,741	Yes	1872	\$36,600	-	-
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Operations/Utilities/Security - \$10,900; Total O&M - \$47,500
Maintenance and repairs including service calls - 14,000; routine maintenance and repair - \$2,900; self-help - \$700; grounds maintenance - \$5,000; incidental improvements - \$2,000; repair project to repair the fireplace - \$6,000.

Quarters 6

3472 Terrace Drive	5,865	Yes	1905	\$117,300	-	-
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Operations/Utilities/Security - \$12,400; Total O&M - \$129,700
Maintenance and repairs including service calls - \$8,500; routine maintenance and repair - \$2,900; interior painting - \$15,000; self-help - \$400; grounds maintenance - \$5,000; incidental improvements - \$500; repair project to replace the roof - \$85,000.

VIRGINIA**Joint Base Myer-Henderson Hall (continued)****Quarters 2**

202 Washington	3,618	Yes	1899	\$48,700	-	-
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Operations/Utilities/Security - \$70,300; Total O&M - \$119,000
Maintenance and repairs including service calls - \$5,400; routine maintenance and repairs including change of occupancy maintenance - \$15,800; interior paint - \$15,000; grounds maintenance - \$12,500.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 GENERAL/FLAG OFFICER QUARTERS (GFOQ)
 EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS LEASE	NEW WORK
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Joint Base Myer-Henderson Hall (continued)

Quarters 5

(PN 77946)

114 Grant Ave	3,405	Yes	1903	\$44,100	-	-
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Operations/Utilities/Security – \$70,300; Total O&M - \$114,400
 Maintenance and repairs including service calls - \$3,700; routine maintenance and repairs including change of occupancy maintenance - \$17,900; interior painting - \$10,000; grounds maintenance - \$12,500.

Quarters 8

102 Grant Ave	4,255	Yes	1903	\$56,600	-	-
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Operations/Utilities/Security - \$80,300; Total O&M - \$136,900
 Maintenance and repairs including service calls - \$4,100; routine maintenance and repairs and change of occupancy - \$25,000; paint interior - \$15,000; grounds maintenance - \$12,500.

Quarters 11A

(PN 81124)

321-A Jackson Ave	2,742	Yes	1892	\$79,100	-	-
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Operations/Utilities/Security - \$61,300; Total O&M - \$140,400
 Maintenance and repairs including service calls - \$3,900; routine maintenance and repairs - \$2,700; grounds maintenance - \$12,500; major repair project to upgrade plumbing and cabinetry - \$60,000.

Quarters 12A

317-A Jackson Ave	2,701	Yes	1892	\$41,500	-	-
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Operations/Utilities/Security - \$65,300; Total O&M - \$106,800
 Maintenance and repairs including service calls - \$1,300; routine maintenance and repairs and change of occupancy - \$17,700; paint interior - \$10,000; grounds maintenance - \$12,500.

Quarters 12B

(PN 81126)

317-B Jackson Ave	2,774	Yes	1892	\$96,600	-	-
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Operations/Utilities/Security - \$61,300; Total O&M - \$157,900
 Maintenance and repairs including service calls - \$5,400; routine maintenance and repairs - \$3,700; grounds maintenance - \$12,500; major project to upgrade plumbing and electrical - \$75,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS LEASE	NEW WORK
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Joint Base Myer-Henderson Hall (continued)**Quarters 13A**

(PN 81125)

313-A Jackson Ave 1,980 Yes 1903 \$202,200 - -

Operations/Utilities/Security - \$62,300; Total O&M - \$264,500

Maintenance and repairs including service calls - \$1,800; routine maintenance and repairs including change of occupancy - \$17,900; interior painting - \$10,000; grounds maintenance - \$12,500; Major repair project to upgrade plumbing, electrical and cabinetry - \$160,000.

Quarters 13B

313-B Jackson Ave 1,973 Yes 1903 \$45,800 - -

Operations/Utilities/Security - \$62,300; Total O&M - \$108,100

Maintenance and repairs including service calls - \$5,600; routine maintenance and repairs including change of occupancy - \$17,700; interior painting - \$10,000; grounds maintenance - \$12,500.

Quarters 14A

309-A Jackson Ave 1,998 Yes 1903 \$42,000 - -

Operations/Utilities/Security - \$63,300; Total O&M - \$105,300

Maintenance and repairs including service calls - \$2,100; routine maintenance and repairs including change of occupancy - \$17,400; interior painting - \$10,000; grounds maintenance - \$12,500.

Quarters 14B

309-B Jackson Ave 1,927 Yes 1903 \$46,500 - -

Operations/Utilities/Security - \$62,300; Total O&M - \$108,800

Maintenance and repairs including service calls - \$6,400; routine maintenance and repairs including change of occupancy - \$17,600; interior painting - \$10,000; grounds maintenance - \$12,500.

Quarters 15B

(PN 81127)

305-B Jackson Ave 2,324 Yes 1908 \$142,300 - -

Operations/Utilities/Security - \$62,300; Total O&M - \$204,600

Maintenance and repairs including service calls - \$2,700; routine maintenance and repairs including change of occupancy - \$17,100; interior painting - \$10,000; grounds maintenance - \$12,500; Major project to upgrade plumbing and cabinetry - \$100,000.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS LEASE	NEW WORK
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Joint Base Myer-Henderson Hall (continued)**Quarters 16A**

(PN 81128)

301-A Jackson Ave	2,463	Yes	1908	\$153,200	-	-
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Operations/Utilities/Security - \$66,300; Total O&M - \$219,500
Maintenance and repairs including service calls - \$5,500; routine maintenance and repairs including change of occupancy - \$25,200; interior painting - \$10,000; grounds maintenance - \$12,500; major project to upgrade plumbing and cabinetry- \$100,000.

Quarters 16B

(PN 81129)

301-B Jackson Ave	2,463	Yes	1908	\$146,200	-	-
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Operations/Utilities/Security - \$66,300; Total O&M - \$212,500
Maintenance and repairs including service calls - \$7,400; routine maintenance and repairs including change of occupancy - \$15,800; interior painting - \$10,000; grounds maintenance - \$13,000; major project to upgrade plumbing and cabinetry- \$100,000.

Quarters 19A

(PN 81133)

213-A Lee Ave	2,108	Yes	1932	\$217,900	-	-
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Operations/Utilities/Security - \$59,300; Total O&M - \$277,200
Maintenance and repairs including service calls - \$3,500; routine maintenance and repairs - \$1,900; grounds maintenance - \$12,500; major project to upgrade plumbing, electric and cabinetry - \$200,000.

Quarters 27A

212-A Lee Ave	2,718	Yes	1903	\$55,100	-	-
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Operations/Utilities/Security - \$71,300; Total O&M - \$126,400
Maintenance and repairs including service calls - \$5,900; routine maintenance and repairs and change of occupancy maintenance - \$24,700; painting interior - \$12,000; grounds maintenance - \$12,500.

BELGIUM**(0.7259 EURO / 1 \$ budget rate)****1 Chateau Gendebien**

Quarters 1	10,010	No	1892	\$69,500	-	-
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Operations/Utilities/Security - \$118,200; Total O&M - \$187,700
Maintenance and repairs including service calls - \$24,500; routine maintenance and repairs - \$16,600; interior paint - \$16,600; grounds maintenance - \$6,100; self-help - \$5,700.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
GENERAL/FLAG OFFICER QUARTERS (GFOQ)
EXCEEDING \$35,000 PER DWELLING UNIT

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS LEASE	WORK

BELGIUM (Continued)**49 AVENUE DU JEU DE PAUME**

Quarters 12	3,766	No	1956	\$46,400	\$118,400
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Operations/Utilities/Security - \$37,300; Total O&M - \$202,100

Maintenance and repairs including service calls - \$4,900; routine maintenance and repairs including change of occupancy - \$16,600; interior paint - \$16,100; self help - \$700; grounds maintenance - \$8,100.

1B AVENUE DES BECASSES

Quarters 20	4,090	No	1965	\$41,000	\$103,800
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Operations/Utilities/Security - \$45,700; Total O&M - \$190,500

Maintenance and repairs including service calls - \$5,200; routine maintenance and repairs including change of occupancy - \$20,100; interior paint - \$12,800; self help - \$700; grounds maintenance - \$2,200.

9C GRAND CHEMIN DE MASNUY

Quarters 32	4,306	No	2002	\$47,000	\$56,200
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Operations/Utilities/Security - \$43,300; Total O&M - \$146,500

Maintenance and repairs including service calls - \$5,400; routine maintenance and repairs including change of occupancy - \$23,200; interior paint - \$15,900; grounds maintenance - \$1,600; self help - \$900.

9D GRAND CHEMIN DE MASNUY

Quarters 33	4,306	No	2002	\$46,000	\$56,200
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Operations/Utilities/Security - \$35,800; Total O&M - \$138,000

Maintenance and repairs including service calls - \$5,400; routine maintenance and repairs including change of occupancy - \$22,500; interior paint - \$15,600; grounds maintenance - \$1,600; self help - \$900.

ITALY**(0.7259 EURO / 1 \$ budget rate)****Vicenza****Quarters P00150**

Villa Michaelis	2,257	No	1986	\$51,400	-	-
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Operations/Utilities/Security - \$16,000; Total O&M - \$67,400

Maintenance and repairs including service calls - \$4,500; routine maintenance and repairs including change of occupancy maintenance - \$9,400; interior paint - \$3,500; self-help - \$3,000; grounds maintenance - \$3,000; Minor project to renovate kitchen - \$28,000.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 GENERAL/FLAG OFFICER QUARTERS (GFOQ)
 EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS LEASE	NEW WORK
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KOREA
 (1140.79 WON/ 1 \$ budget rate)
 Yongsan

4421 South Post
 (PN 74766)

3,825	No	1952	\$64,500	-	-
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Operations/Utilities/Security - \$9,100; Total O&M - \$73,600
 Maintenance and repairs including service calls - \$4,000; routine maintenance and repairs including change of occupancy maintenance - \$10,000; self-help - \$300; grounds maintenance - \$400; paint exterior - \$4,500; paint interior - \$5,500; exterior utilities - \$800; other real property repair - \$500; major repair project to replace windows and doors and install patio - \$38,500.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)

Units Projected to Exceed \$35K per Unit in Operations and Maintenance (O&M)

State/Country	Installation	Quarters #	Year Built	NSF	Operations	Maj Proj	M&R	Total M&R	Utilities	Lease	Security	O&M (Inc Security)	Total Cost (Inc Lease & Utils)
Washington, DC	FORT LESLEY J MCNAIR	1	1903	3184	30,300	0	62,500	62,500	45,600	0	1,000	93,800	139,400
Washington, DC	FORT LESLEY J MCNAIR	2	1905	3184	25,300	0	58,500	58,500	45,600	0	1,000	84,800	130,400
Washington, DC	FORT LESLEY J MCNAIR	3	1903	3184	21,300	0	32,500	32,500	45,600	0	1,000	54,800	100,400
Washington, DC	FORT LESLEY J MCNAIR	4	1903	3169	21,300	0	32,500	32,500	45,000	0	1,000	54,800	99,800
Washington, DC	FORT LESLEY J MCNAIR	5	1903	2876	25,300	0	62,500	62,500	45,600	0	1,000	88,800	134,400
Washington, DC	FORT LESLEY J MCNAIR	6	1903	2834	21,300	0	24,400	24,400	45,000	0	1,000	46,700	91,700
Washington, DC	FORT LESLEY J MCNAIR	7	1903	4436	21,300	0	32,500	32,500	47,000	0	1,000	54,800	101,800
Washington, DC	FORT LESLEY J MCNAIR	8	1903	4057	25,300	0	72,500	72,500	47,000	0	1,000	98,800	145,800
Washington, DC	FORT LESLEY J MCNAIR	9	1903	4278	25,300	0	55,400	55,400	45,600	0	1,000	81,700	127,300
Washington, DC	FORT LESLEY J MCNAIR	10	1903	3169	21,300	0	32,500	32,500	46,000	0	1,000	54,800	100,800
Washington, DC	FORT LESLEY J MCNAIR	11	1903	3169	21,300	0	32,500	32,500	45,000	0	1,000	54,800	99,800
Washington, DC	FORT LESLEY J MCNAIR	12	1903	3169	21,300	0	32,500	32,500	46,000	0	1,000	54,800	100,800
Washington, DC	FORT LESLEY J MCNAIR	13	1903	3169	21,300	0	32,500	32,500	46,000	0	1,000	54,800	100,800
Washington, DC	FORT LESLEY J MCNAIR	14	1903	3169	25,300	0	62,500	62,500	46,000	0	1,000	88,800	134,800
Washington, DC	FORT LESLEY J MCNAIR	15	1903	3169	21,300	0	32,500	32,500	46,000	0	1,000	54,800	100,800
Virginia	JOINT BASE MYER - HENDERSON	1	1899	8460	21,300	0	18,600	18,600	70,000	0	1,000	40,900	110,900
Virginia	JOINT BASE MYER - HENDERSON	2	1899	3618	25,300	0	48,700	48,700	44,000	0	1,000	75,000	119,000
Virginia	JOINT BASE MYER - HENDERSON	5	1903	3405	25,300	0	44,100	44,100	44,000	0	1,000	70,400	114,400
Virginia	JOINT BASE MYER - HENDERSON	6	1908	7365	21,300	0	21,500	21,500	57,000	0	1,000	43,800	100,800
Virginia	JOINT BASE MYER - HENDERSON	7	1909	4707	21,300	0	24,900	24,900	51,000	0	1,000	47,200	98,200
Virginia	JOINT BASE MYER - HENDERSON	8	1903	4255	30,300	0	56,600	56,600	49,000	0	1,000	87,900	136,900
Virginia	JOINT BASE MYER - HENDERSON	11A	1892	2742	21,300	60,000	19,100	79,100	39,000	0	1,000	101,400	140,400
Virginia	JOINT BASE MYER - HENDERSON	11B	1892	2951	21,300	0	17,900	17,900	39,000	0	1,000	40,200	79,200
Virginia	JOINT BASE MYER - HENDERSON	12A	1892	2701	25,300	0	41,500	41,500	39,000	0	1,000	67,800	106,800
Virginia	JOINT BASE MYER - HENDERSON	12B	1892	2774	21,300	75,000	21,600	96,600	39,000	0	1,000	118,900	157,900
Virginia	JOINT BASE MYER - HENDERSON	13A	1903	1980	25,300	160,000	42,200	202,200	36,000	0	1,000	228,500	264,500
Virginia	JOINT BASE MYER - HENDERSON	13B	1903	1973	25,300	0	45,800	45,800	36,000	0	1,000	72,100	108,100
Virginia	JOINT BASE MYER - HENDERSON	14A	1903	1998	25,300	0	42,000	42,000	37,000	0	1,000	68,300	105,300
Virginia	JOINT BASE MYER - HENDERSON	14B	1903	1927	25,300	0	46,500	46,500	36,000	0	1,000	72,800	108,800
Virginia	JOINT BASE MYER - HENDERSON	15A	1908	2535	21,300	0	17,600	17,600	40,000	0	1,000	39,900	79,900
Virginia	JOINT BASE MYER - HENDERSON	15B	1908	2324	21,300	100,000	42,300	142,300	40,000	0	1,000	164,600	204,600

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

GENERAL/FLAG OFFICERS QUARTERS (Continued)

Units Projected to Exceed \$35K per Unit in Operations and Maintenance (O&M)

State/Country	Installation	Quarters #	Year Built	NSF	Operations	Maj Proj	M&R	Total M&R	Utilities	Lease	Security	O&M (Inc Security)	Total Cost (Inc Lease & Utils)
Virginia	JOINT BASE MYER - HENDERSON	16A	1908	2463	25,300	100,000	53,200	153,200	40,000	0	1,000	179,500	219,500
Virginia	JOINT BASE MYER - HENDERSON	16B	1908	2463	25,300	100,000	46,200	146,200	40,000	0	1,000	172,500	212,500
Virginia	JOINT BASE MYER - HENDERSON	19A	1932	2108	21,300	200,000	17,900	217,900	37,000	0	1,000	240,200	277,200
Virginia	JOINT BASE MYER - HENDERSON	19B	1932	1796	21,300	0	19,300	19,300	36,000	0	1,000	41,600	77,600
Virginia	JOINT BASE MYER - HENDERSON	23A	1896	2778	21,300	0	20,400	20,400	41,000	0	1,000	42,700	83,700
Virginia	JOINT BASE MYER - HENDERSON	24B	1896	2682	21,300	0	17,500	17,500	40,000	0	1,000	39,800	79,800
Virginia	JOINT BASE MYER - HENDERSON	25B	1896	2594	21,300	0	17,200	17,200	40,000	0	1,000	39,500	79,500
Virginia	JOINT BASE MYER - HENDERSON	26A	1896	2999	21,300	0	19,500	19,500	41,000	0	1,000	41,800	82,800
Virginia	JOINT BASE MYER - HENDERSON	27A	1903	3715	25,300	0	55,100	55,100	45,000	0	1,000	81,400	126,400
Virginia	JOINT BASE MYER - HENDERSON	27B	1903	2718	21,300	0	19,700	19,700	43,000	0	1,000	42,000	85,000
Illinois	ROCK ISLAND ARSENAL	3112 TERRACE DRIVE (002)	1873	3780	14,200	0	35,100	35,100	5,000	0	0	49,300	54,300
Illinois	ROCK ISLAND ARSENAL	3232 TERRACE DRIVE (003)	1872	4741	5,900	0	36,600	36,600	5,000	0	0	42,500	47,500
Illinois	ROCK ISLAND ARSENAL	3294 TERRACE DRIVE (004)	1872	4455	19,800	0	32,100	32,100	5,000	0	0	51,900	56,900
Illinois	ROCK ISLAND ARSENAL	3472 TERRACE DRIVE (006)	1905	5865	6,600	85,000	32,300	117,300	5,800	0	0	123,900	129,700
Belgium	USAG BENELUX - BRUSSELS	PQ012	1956	3766	25,300	0	46,400	46,400	8,600	118,400	3,400	75,100	202,100
Belgium	USAG BENELUX - BRUSSELS	PQ020	1965	4090	26,400	0	41,000	41,000	16,600	103,800	2,700	70,100	190,500
Belgium	USAG BENELUX - CHIEVRES	PQ001	1892	10010	47,200	0	69,500	69,500	53,000	0	18,000	134,700	187,700
Belgium	USAG BENELUX - CHIEVRES	PQ002	1967	3983	19,200	0	7,800	7,800	10,300	41,400	21,000	48,000	99,700
Belgium	USAG BENELUX - CHIEVRES	PQ031	2002	4306	29,100	0	24,500	24,500	9,400	56,200	3,700	57,300	122,900
Belgium	USAG BENELUX - CHIEVRES	PQ032	2002	4306	29,100	0	47,000	47,000	10,500	56,200	3,700	79,800	146,500
Belgium	USAG BENELUX - CHIEVRES	PQ033	2002	4306	24,000	0	46,000	46,000	8,100	56,200	3,700	73,700	138,000
Florida	USAG MIAMI	3501 GRANADA BLVD. (3501)	1947	4857	16,800	0	16,000	16,000	18,000	106,200	3,000	35,800	160,000
Germany	USAG STUTTGART	2449	1957	2885	14,000	0	29,000	29,000	9,000	0	700	43,700	52,700
Italy	USAG VICENZA	P00150	1986	2257	8,600	0	51,400	51,400	7,400	0	0	60,000	67,400
Korea	YONGSAN GARRISON	4421 SOUTH POST (SP004)	1952	3825	5,400	38,500	26,000	64,500	3,700	0	0	69,900	73,600
		GRAND TOTAL			1,242,900	918,500	2,035,900	2,954,400	1,961,400	538,400	100,900	4,298,200	6,798,000

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 GENERAL/FLAG OFFICERS QUARTERS (Continued)
 6,000 NSF Units for Fiscal Year 2014
 (Dollars in Thousands)

State/ Country	Installation	Quarters ID	Year Built	Size NSF	Total FH O&M Cost	Alternative Use	Cost to Convert Unit	If O&M >\$35K Demolish & Rebuild Cost
Virginia	Joint Base Myer Henderson Hall	1	1899	8,460	\$40.9	The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 1	N/A	N/A
Virginia	Joint Base Myer Henderson Hall	6	1908	7,365	\$43.7	The Fort Myer National Historic Landmark District is comprised of 64 buildings which includes Quarters 6	N/A	N/A
Belgium	USAG Benelux - Chievres	PQ001	1892	10,010	\$134.2	GFOQ is owned by the host nation.	N/A	N/A
Germany	USAG Grafenwoehr - Garmisch	835	1911	6,997	\$21.7	GFOQ is owned by the host nation.	N/A	N/A
TOTAL:	4 GFOQ Units						\$.	\$.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 UTILITIES ACCOUNT

(\$ in Thousands)	
FY 2014 Budget Request	\$96,907
FY 2013 Program Budget	\$88,112

This program provides for utility services for Army Family Housing that include electricity, natural gas, propane, steam/hot water, fuel oil, coal, water and sewage.

Utility requirements are estimated based on historic, per unit expenditures that have been adjusted for non-pay inflation factors.

The annual energy consumption reduction goal is reflected in the program. As in prior years, construction and major maintenance and repair projects will contribute to meeting energy reduction goals.

EFFECT OF PRIVATIZATION

A significant programmatic adjustment is requested to make incremental payments to buy out Energy Savings Performance Contracts (ESPC) at Army installations where the Family housing has been privatized.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
UTILITIES
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	\$ In Thousands	
1. FY 2013 President's Budget Request		88,112
2. FY 2013 Current Estimate		88,112
3. Program Adjustments:		8,795
a. Non-Pay/ Non-Fuel Inflation	1,586	
b. Payment for Energy Savings	7,209	
Performance Contracts (ESPC) at privatized sites		
5. FY 2014 President's Budget Request		96,907

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 UTILITIES
 Exhibit FH-10

Army FY 2014 PB Family Housing summary of Unit Detail	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>
Total Cost of Utilities (\$000)	84,746	88,112	96,907
Utility Quantities:			
Electricity (KwH)	241,305,774	209,197,408	207,105,434
Heating:			
Gas (BBL)	3,877,559	3,361,607	3,327,991
Fuel Oil (BBLs)	46,095	39,962	39,562
Purchased Steam (MBTU)	1,810,894	1,569,935	1,554,236
Propane (BBLs)	6,238	5,408	5,354
Water (Kgal)	2,305,562	2,306,010	2,282,950
Sewage (Kgal)	1,935,052	1,935,428	1,916,074

Note: FY 2014 total cost includes payments made for Energy Savings Performance Contracts that are unrelated to use of any commodity.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 LEASING ACCOUNT
 (\$ in Thousands)

FY 2014 Budget Request	\$180,924
FY 2013 Program Budget	\$203,533

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 temporary housing shortfall and the private sector cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, 10 U.S.C. 2834, and 10 U.S.C. 2835, provides for the payment of rent, operating, and maintenance costs of privately-owned quarters that are assigned to military Families as government quarters. The program also includes funding for services, such as utilities, refuse collection, and maintenance, when these services are not priced as part of the lease contract.

The Army continues to rely on the private sector to meet the majority of housing needs. The Army leases Family housing where affordable and adequate rentals are not readily available.

Leasing requirements are projected by Army installations, and Army validates those requests against historic execution rates and known programmatic changes. The amounts are further adjusted by changes in foreign currency exchange rates.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$180,924,000 to fund leases and related expenses in FY 2014. A summary of the leasing program for the most recent three program years follows:

Lease Type	FY 2012 (Current Est)		FY 2013 (Request)		FY 2014 (Request)	
	Leases Supported	Cost \$000	Leases Supported	Cost \$000	Leases Supported	Cost \$000
Domestic	1,353	32,694	1,429	32,798	1,369	31,408
Section 2835	330	6,383	250	4,910	-	-
Foreign less GRHP	5,346	156,447	5,666	165,635	5,053	149,326
GRHP	11	183	11	190	11	190
Total	7,040	195,707	7,356	203,533	6,433	180,924

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
LEASING ACCOUNT (Continued)

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides temporary housing for Army Families pending availability of permanent housing. Domestic leases include independent duty leases which support the U.S. Army Recruiting Command, Cadet Command, and the Active and Reserve Components.

Section 2835 (also known as Section 801 housing): This program ended in FY 2013.

Foreign Leasing: The FY 2014 foreign leasing program consists of 5,064 leased units. This represents a decrease in leased units in Europe due to re-stationing. The number of housing units leased in Korea is expected to continue to be steady, as the consolidation of forces in Korea under the Yongsan Relocation Program (YRP) continues during FY 2014. The Army also requests funds to reimburse payment for leases provided by the Department of State (DoS) under 10 U.S.C. 2834.

PROGRAM ADJUSTMENTS

The expiration of Section 2835 leases and reduced requirements in Europe due to re-stationing are complemented by a modest pullback on all domestic lease commitments.

EFFECT OF PRIVATIZATION

The housing privatization program has no direct effect on the leasing account because current plans do not include leases in any privatization project.

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
LEASING
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

		\$ In Thousands
1. FY 2013 President's Budget Request		203,533
2. FY 2013 Current Estimate		203,533
3. Program Adjustments:		-22,609
a. Decrease of Domestic Leasing	-1,390	
b. Decrease in Section 2835 Leases	-4,910	
c. Decrease to Foreign Leasing	-16,309	
4. FY 2014 President's Budget Request		180,924

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY

	FY 2012 (Actual)			FY2013 (Current)			FY2014 (Request)			
	Units	Lease	(\$000)	Units	Lease	(\$000)	Units	Lease	(\$000)	
	Supported	Months		Supported	Months		Supported	Months		
DOMESTIC LEASING										
Independent Duty, Various	522	6,264	12,994	550	6,600	12,375	550	6,600	13,017	
Hattiesburg, MS	208	2,496	5,118	180	2,160	4,013	180	2,160	4,254	
Rock Island, IL	50	600	1,194	51	612	1,260	39	468	601	
Watertown, NY	53	636	1,284	60	720	2,350	20	240	448	
El Paso, TX	494	5,928	10,776	550	6,600	11,100	550	6,600	11,666	
Miami, FL	26	312	1,328	38	456	1,700	30	360	1,423	
Subtotal Domestic	1,353	16,236	32,694	1,429	17,148	32,798	1,369	16,428	31,408	
Section 2835 (801)				Section 2835 (801)				Section 2835 (801)		
Fort Bliss, TX	0	0	0	0	0	0	0	0	0	
Fort Bragg, NC	250	3,000	4,437	250	3,000	4,910	0	0	0	
Fort Drum, NY	0	0	0	0	0	0	0	0	0	
Fort McCoy, WI	80	960	1,946	0	0	0	0	0	0	
Fort Wainwright, AK	0	0	0	0	0	0	0	0	0	
Subtotal Section 2835	330	3,960	6,383	250	3,000	4,910	0	0	0	
Total Domestic Leasing	1,683	20,196	39,077	1,679	20,030	37,708	1,369	16,428	31,408	
FOREIGN LEASING										
EUSA (Korea)										
Korea	962	11,544	29,487	962	11,544	29,685	962	11,544	29,685	
Total Korea	962	11,544	29,487	962	11,544	29,685	962	11,544	29,685	
USAREUR										
Belgium	150	1,800	8,329	189	2,268	9,074	129	1,548	6,192	
Germany	3,469	41,628	81,654	3,345	40,140	73,554	2,957	35,484	65,144	
Italy	435	5,220	18,315	809	9,708	32,251	646	7,752	25,840	
Netherlands	104	1,248	5,356	143	1,716	5,324	112	1,344	4,144	
Subtotal USAREUR	4,158	49,896	113,654	4,486	53,832	120,203	3,844	46,128	101,320	
GRHP (Germany)	11	132	183	11	132	190	11	132	190	
Total USAREUR	4,169	50,028	113,837	4,497	53,964	120,393	3,855	46,260	101,510	

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

FOREIGN LEASING	FY 2012 (Current)			FY2013 (Estimate)			FY2014 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
Department of State (DoS) Leasing -- Reimbursed Foreign									
Dominican Republic	0	0	0	1	12	121	1	12	121
Republic of Georgia	0	0	0	0	0	0	3	36	412
Jamaica	0	0	0	1	12	114	1	12	114
Kuwait	38	456	1,575	38	456	1,652	38	456	1,652
Qatar	46	552	4,088	39	468	5,863	39	468	5,863
Austria	0	0	0	0	0	0	0	0	0
Bangladesh	1	12	77	1	12	77	1	12	79
Botswana	1	12	44	1	12	94	1	12	45
Cameroon	2	24	183	2	24	117	2	24	119
Columbia	0	0	0	0	0	0	1	12	150
Democratic Republic of Cc	0	0	0	0	0	0	0	0	0
Egypt	2	24	100	2	24	100	2	24	102
Ethiopia	1	12	36	1	12	86	1	12	37
Georgia	1	12	154	1	12	99	1	12	101
Greece	1	12	47	1	12	47	1	12	48
Hungary	0	0	0	0	0	0	0	0	0
India	0	0	0	0	0	0	2	24	274
Indonesia	1	12	31	2	24	137	2	24	69
Israel	0	0	0	0	0	0	1	12	150
Jordan	4	48	144	4	48	219	4	48	147
Korea	0	0	0	0	0	0	0	0	0
Kuwait	1	12	50	1	12	50	1	12	51
Kyrgyzstan	1	12	154	1	12	99	1	12	100
Marutania	1	12	38	1	12	38	1	12	39
Morocco	3	36	93	3	36	173	3	36	117
Mozambique	1	12	69	1	12	69	1	12	70
Nepal	1	12	125	1	12	53	1	12	54
Niger	0	0	0	0	0	0	0	0	0
Oman	1	12	52	1	12	117	1	12	53
Pakistan	0	0	0	0	0	0	0	0	0
Philippines	0	0	0	0	0	0	0	0	0
Poland	1	12	38	1	12	38	1	12	39
Romania	1	12	50	1	12	50	1	12	51
Russia	1	12	165	1	12	90	0	0	0
Senegal	1	12	36	1	12	86	1	12	37
Serbia And Montenegro	1	12	43	1	12	93	1	12	44
Singapore	1	12	106	1	12	53	1	12	54
Sri Lanka	1	12	150	1	12	75	1	12	86
Tanzania	1	12	47	1	12	47	1	12	48
Tunisia	2	24	58	2	24	108	2	24	59
Turkey	1	12	43	1	12	93	1	12	44
Uganda	0	0	0	0	0	0	1	12	92
Ukraine	2	24	70	2	24	70	2	24	71
Vietnam	1	12	105	1	12	53	1	12	54
Zimbabwe	0	0	0	0	0	0	0	0	0
Total Foreign DoS Leasing	121	1,452	7,971	117	1,404	10,181	124	1,488	10,646

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

FOREIGN LEASING	FY 2012 (Current)			FY2013 (Estimate)			FY2014 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	0	Units Supported	Lease Months	(\$000)
Other Foreign Leasing									
Albania	1	12	69	1	12	75	1	12	75
Angola	0	0	0	0	0	0	3	36	180
Argentina	1	12	37	1	12	41	0	0	0
Armenia	1	12	45	1	12	49	1	12	49
Austria	2	24	50	2	24	55	0	0	0
Azerbaijan	1	12	47	1	12	51	1	12	73
Belgium	2	24	125	2	24	136	2	24	136
Bosnia & Herzegovina	1	12	50	1	12	55	2	24	74
Brazil	1	12	48	1	12	52	0	0	0
Bulgaria	1	12	48	1	12	52	2	24	107
Burkina Faso	0	0	0	0	0	0	2	24	144
Cameroon	0	0	0	0	0	0	2	24	147
Chad	0	0	0	0	0	0	1	12	72
Chile	1	12	44	1	12	48	0	0	0
Croatia	1	12	65	1	12	71	1	12	71
Czech Republic	2	24	147	2	24	159	2	24	159
Denmark	2	24	154	2	24	167	2	24	167
Djibouti	1	12	44	1	12	48	1	12	60
Dom Reupublic of Congo	0	0	0	0	0	0	2	24	144
Ecuador	1	12	44	1	12	48	0	0	0
Egypt	0	0	0	0	0	0	0	0	0
Estonia	1	12	64	1	12	70	1	12	70
Ethiopia	0	0	0	0	0	0	2	24	126
France	4	48	254	2	24	135	4	48	321
Gabon	1	12	57	1	12	62	4	48	301
Georgia	0	0	0	0	0	0	1	12	55
Germany (Unified)	3	36	160	3	36	174	3	36	174
Ghana	2	24	132	2	24	116	2	24	133
Greece	0	0	0	0	0	0	3	36	262
Guatemala	4	48	134	4	48	146	0	0	0
Guyana	0	0	0	0	0	0	2	24	144
Hungary	3	36	165	3	36	180	0	0	0
India	0	0	0	0	0	0	1	12	75
Indonesia	1	12	39	0	0	43	0	0	0
Israel	2	24	116	2	24	126	0	0	0
Italy	5	60	338	5	60	367	5	60	390

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

FOREIGN LEASING	FY 2012 (Current)			FY2013 (Estimate)			FY2014 (Request)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
Other Foreign Leasing									
Kenya	15	180	755	15	180	821	15	180	821
Korea	1	12	20	1	12	21	1	12	21
Kosovo	1	12	64	1	12	70	1	12	70
Latvia	1	12	47	1	12	51	1	12	51
Liberia	0	0	0	0	0	0	2	24	102
Lithuania	1	12	59	1	12	64	0	0	0
Lybia	0	0	0	0	0	0	1	12	72
Macedonia	1	12	61	1	12	66	1	12	66
Mali	0	0	0	0	0	0	4	48	163
Mauritania	0	0	0	0	0	0	2	24	144
Mauritius	0	0	0	0	0	0	1	12	38
Mexico	1	12	37	1	12	41	0	0	0
Moldova	1	12	42	1	12	46	0	0	0
Montenegro	1	12	53	1	12	58	2	24	117
Morocco	0	0	0	0	0	0	5	60	363
Mozambique	0	0	0	0	0	0	1	12	72
Nigeria	1	12	71	1	12	77	1	12	90
Norway	2	24	163	2	24	178	2	24	181
Pakistan	2	24	35	2	24	39	0	0	0
Paraguay	1	12	37	1	12	41	0	0	0
Peru	2	24	74	2	24	80	0	0	0
Philippines	2	24	100	2	24	109	0	0	0
Poland	2	24	125	2	24	136	2	24	184
Portugal	1	12	63	1	12	68	0	0	0
Romania	4	48	249	3	36	203	3	36	203
Russia	1	12	35	1	12	39	0	0	0
Rwanda	0	0	0	0	0	0	2	24	119
Senegal	2	24	61	2	24	66	2	24	66
Serbia and Montenegro	1	12	58	1	12	63	2	24	107
Singapore	0	0	0	1	12	67	0	0	0
Slovakia	1	12	40	1	12	44	1	12	52
Slovenia	1	12	69	1	12	75	1	12	76
South Africa	1	12	58	1	12	63	1	12	63
Sudan	0	0	0	0	0	0	1	12	72
Tanzania	0	0	0	0	0	0	1	12	72
Tunisia	2	24	122	1	12	63	2	24	105
Turkey	10	120	322	10	120	350	10	120	350
Uganda	1	12	39	1	12	42	1	12	42
Ukraine	0	0	0	0	0	0	1	12	83
Total Other Foreign Leasing	105	1,260	5,335	101	1,212	5,566	123	1,476	7,675
Total Foreign Leasing	5,357	64,284	156,630	5,677	68,124	165,825	5,064	60,768	149,516
TOTAL LEASING	7,040	84,480	195,707	7,356	88,154	203,533	6,433	77,196	180,924

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 LEASING ACCOUNT (Continued)
 FY 2014 SUMMARY SHEET FOR FOREIGN HIGH COST LEASES

<u>COUNTRY</u>	<u>TOTAL LEASES</u>	<u>HIGH COST LEASES</u>	<u>FY 1988 FOREIGN CURRENCY</u>	<u>FY 1988 EXCHANGE RATE</u>	<u>FY 2014 BUDGET RATE</u>	<u>FY 2014 EST. THRESHOLD</u>
Belgium	131	10	B Franc	42.77	0.7259 (Euro)	\$70,012
Netherlands	112	1	Guilder	2.33	0.7259 (Euro)	\$69,818

The threshold for classifying foreign leases as high cost leases is determined by first adjusting the \$20,000 authority for CPI changes. If the country uses the Euro, then the CPI-adjusted \$20,000 (\$25,000 in Italy) authority is multiplied by the conversion-to-Euro factor (FY 1988 currency rate divided by the official, permanent Euro conversion rate) and then further adjusted by the current Euro budget rate. For non-EU countries, the CPI-adjusted \$20,000 (\$25,000 and \$35,000 in Korea) authority is adjusted for exchange changes since FY 1988. Leases exceeding a country's threshold are counted against the Army's high cost lease allocation.

Example: Belgium Franc

<u>\$20K CPI Est. FY 2014</u>		<u>FY 1988 Rate</u>		<u>Permanent Belgium Franc to Euro Conversion Rate</u>		<u>FY 2014 Euro Budget Rate</u>		<u>FY 2014 High Cost Threshold</u>
\$47,934	x	(42.77	÷	40.3399	÷	0.7259)	=	\$70,012

Note: Other Foreign Support Programs (which include Foreign Area Officer Leases, Offices of Defense Cooperation, and School of Other Nations Program leases) participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of Title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2834 of Title 10, United States Code.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)

FY 2014 Budget Request	\$25,661
FY 2013 Program Budget	\$26,010

MHPI Background

The Department of Army continues to employ 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.) at locations where adequate local housing is not available. The Residential Communities Initiative (RCI) program is a key component of the Army's strategy to ensure long term sustainment of quality residential communities for Soldiers and their Families.

The Army selected highly qualified private sector business partners to construct, renovate, repair, maintain, and operate Family housing units, grounds, and other community facilities in the Family housing area. The Army and the developers negotiated 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 developers executed final business agreements defining the partnerships. The agreements include a ground lease of the Family housing footprint, conveyance of housing units and other facilities to the developers, and operating agreements describing the partners' responsibilities. Typically, the partnership agreement is for a 50-year period with a 25-year option. The Army maintains oversight of the project through a rigorous portfolio and asset management process. This process tracks compliance with the CDMP schedule for renovation and construction, and also monitors the financial health and stability of the project.

RCI Program Status

The Army's scheduled RCI program is fulfilled with over 86,000 privatized end state units at 44 Army locations, representing over 98% of the on-post Family housing inventory in the U.S. (see details at Exhibit FH-6). The total investment during the initial development period of these projects is about \$13.2 billion, of which the Army invested just under \$2.0 billion. The initial development period, which varies from 3 to 14 years, is the timeframe in which all inadequate homes in a project/installation will be renovated or replaced, and construction of additional units is completed. Oversight of the entire RCI program has moved into the Portfolio and Asset Management (PAM) phase. The Army may consider future Family housing privatization where needed and feasible.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Construction Funds for MHPI

The Army Family Housing Construction (AFHC) budget request for FY 2014 includes no requirements for government investment for Family housing privatization projects.

Explanation of AFHO Budget Request

The FY 2014 funding request provides \$25,661,000 for RCI program portfolio and asset management, oversight and operations. Funding will support civilian pay, travel, and contracts for environmental and real estate functions, training, and real estate and financial consultant services. Program adjustment in Exhibit OP-5 is based on non-pay inflation factors and completion of additional project Initial Development Plans (IDP).

The budget request is based on cost factors associated with staffing and workload projections. Workload is driven by the number of installations in the post-privatization PAM phase and the number of anticipated project major decision actions. The applied cost factors for work elements of each phase are based on experience and established fees.

The RCI program is faced with additional oversight and accountability requirements directed by National Defense Authorization Act (NDAA) 2013. This legislation requires additional assessments and reporting of specific financial requirements not currently being completed under the Portfolio and Asset Management Program. In addition, the Army Audit Agency has detailed additional property management oversight requirements that include new compliance responsibilities by the Army. Implementation plans are being developed and will be executed by the Army to enhance its PAM oversight responsibilities.

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

The table below summarizes FY 2014 RCI program costs (\$ in Thousands).

Program/Project Management and Oversight	\$15,968
Environmental/Real Estate/Training (U.S. Army Corps of Engineers Services)	\$ 2,100
Portfolio Management Advisory Support	\$ 7,593
Total	\$25,661

DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
PRIVATIZATION
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

	\$ In Thousands
1. FY 2013 President's Budget Request	26,010
2. FY 2013 Current Estimate	26,010
3. Price Adjustments:	-349
a. Non-Pay/ Non-Fuel Inflation	416
b. Reduced program management, decrease due to completion of addition project Initial Development Plans (IDP)	-765
4. FY 2014 President's Budget Request	25,661

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)
FH-6 Exhibit

Privatization Date ¹	Project Name and/or Installation/State	Actual/Current ²						Author-ities ⁵
		Units ³ Conveyed	End State Units ³	Funding Source ⁴				
				Amount (\$M)	Budget Year(s)	Type	Project	
Nov-99	US,CO, Colorado Sprgs (Carson) (Loan Guarantee)	1,823	2,664	\$10.223	FY98	GL	Ft Carson	1
Oct-01	US,TX, FT Hood	5,622	5,912	\$52.000	FY96-99	Construct	Ft Hood	2,4
Apr-02	Ft Lewis	3,637	3,987	\$0.000	N/A	N/A	Ft Lewis	4
May-02	Ft Meade	2,862	3,170	\$0.000	N/A	N/A	Ft Meade	4
Aug-03	US,NC, FT Bragg	4,746	5,578	\$49.437	FY02	Imp/Const	Ft Bragg	2,4
Oct-03	Presidio of Monterey	2,268	2,209	\$0.000	N/A	N/A	POM	4
Nov-03	US,GA, FT Stewart	2,926	3,629	\$37.374	FY02	Improve	Ft Stewart	2,4
Dec-03	US,KY, FT Campbell	4,235	4,257	\$7.900	FY98	Imp/Const	Ft Campbell	2,4
Dec-03	US,KY, FT Campbell			\$52.205	FY02	Imp/Const	Ft Campbell	2,4
Dec-03	Ft Belvoir	2,070	2,070	\$0.000	N/A	Improve	Ft Belvoir	4
Mar-04	Ft Irwin(2,552)/Moffett(316)/Parks(114)	2,290	2,806	\$0.000	N/A	Improve	Ft Irwin	4
Jun-04	US,NY, FT Hamilton	293	228	\$2.175	FY02	Improve	Ft Hamilton	2,4
Jul-04	US,MD, FT Detrick	410	590	\$1.285	FY02	Improve	WRAMC	2,4
Sep-04	US,LA, FT Polk	3,466	3,661	\$53.655	FY03	Improve	Ft Polk	2,4
Sep-04	US,LA, FT Polk (Loan Guarantee)			\$10.346	FY 03	GL	Ft Polk	1
Oct-04	Ft Shafter/Schofield Bks	8,132	7,756	\$0.000	N/A	Improve	Ft Shafter	4
Dec-04	US,VA, FT Eustis and FT Story	1,115	1,122	\$14.800	FY03	Improve	Ft Eustis	2,4
Mar-05	US,MO, FT Leonard Wood	2,496	1,806	\$27.150	FY03	Improve	Ft Leonard Wood	2,4
Mar-05	US,MO, FT Leonard Wood			\$1.850	FY05	Improve	Ft Leonard Wood	2,4
Mar-05	US,TX, FT Sam Houston	925	925	\$6.600	FY04	Improve	Ft Sam Houston	2,4
May-05	US,NY, FT Drum	2,272	3,115	\$52.000	FY04	Imp/Const	Ft Drum	2,4
Jul-05	US,TX, FT Bliss	3,315	3,284	\$38.000	FY04	Improve	Ft Bliss	2,4
Jan-06	US,GA, FT Benning	3,945	4,000	\$55.150	FY05	Improve	Ft Benning	2,4
Mar-06	US,KS, FT Leavenworth	1,578	1,583	\$15.000	FY05	Improve	Ft Leavenworth	2,4
Apr-06	US,TX, Fort Bliss/NM, WSMR		123	\$31.000	FY05	Construct	Ft Bliss	2,4
Apr-06	US,TX, Fort Bliss/NM, WSMR			\$3.960	FY06	Construct	Ft Bliss	2,4
Apr-06	US,AL, FT Rucker	1,512	1,476	\$24.000	FY05	Improve	Ft Rucker	2,4
May-06	US,GA, Fort Gordon	876	1,080	\$9.000	FY05	Improve	Ft Gordon	2,4
May-06	US,PA, Carlisle Brks	429	348	\$0.494	FY02	Improve	Carlisle Bks	2,4
May-06	US,PA, Carlisle Brks			\$22.000	FY04	Improve	Carlisle Bks	2,4
May-06	US,PA, Carlisle Brks			\$16.940	FY06	Imp/Const	Carlisle Bks	2,4
Jul-06	US,KS, Fort Riley	3,114	3,827	\$56.000	FY05	Construct	Ft Riley	2,4
Jul-06	US,KS, Fort Riley			\$67.000	FY06	Improve	Ft Riley	2,4
Sep-06	US,KY, Fort Campbell (Phase II)		200	\$28.000	FY06	Construct	Ft Campbell	2,4
Oct-06	US,AL, Redstone Arsenal	453	230	\$0.590	FY05	Improve	Redstone	2,4
Nov-06	Ft Carson Phase II		396	\$0.000	N/A	Construct	Ft Carson	4
Dec-06	US,KY, Fort Knox	2,998	2,527	\$31.000	FY05	Improve	Ft Knox	2,4
Jan-07	Ft Meade Restructure		-543	\$0.000	N/A	N/A	Ft Meade	4
Feb-07	US,CA, FT Irwin (Phase II AMF)		0	\$26.660	FY06	Improve	Ft Irwin Phase	2,4
Aug-07	US,VA, FT Lee	1,206	1,508	\$32.769	FY06	Imp/Const	Ft Lee	2,4

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

Privatization Date ¹	Project Name and/or Installation/State	Actual/Current ²						Author-ities ⁵
		Units ³ Conveyed	End State Units ³	Funding Source ⁴				
				Amount (\$M)	Budget Year(s)	Type	Project	
Sep-07	Ft Bragg/Pope AFB (BRAC)	627	627	\$0.000	N/A	Improve	Ft Bragg	4
Nov-07	Carlisle Bks Land Sale			\$1.632	N/A	N/A	Carlisle Bks	2
Jun-08	US,NY, FT Drum (Phase II AMF)		720	\$75.000	FY07	Imp/Const	Drum	2,4
Aug-08	US,NY, West Point	961	824	\$22.000	FY07	Improve	USMA	2,4
Aug-08	US,SC, FT Jackson	1,162	850	\$58.900	FY08	Improve	Ft Jackson	2,4
Nov-08	US,OK, FT Sill	1,411	1,650	\$30.500	FY08	Improve	Ft Sill	2,4
Dec-08	US,WA, Lewis - McChord AFB	978	712	\$16.200	FY08	Improve	Ft Lewis	2,4
Dec-08	Presidio of Monterey Restructure		-644	\$0.000	N/A	N/A	POM	4
Apr-09	US,AK, Forts Wainwright-Greely	1,866	1,409	\$25.000	FY08	Improve	Ft Wainwright	2,4
Apr-09	US,AK, FT Wainwright-Greely (Phase II)		230	\$56.610	FY 09	Improve	Ft Wainwright	2,4
Apr-09	US,AK, FT Wainwright-Greely (Loan Guarantee)			\$9.590	FY 09	GL	Ft Wainwright	1
Apr-09	Ft Huachuca(1,064)/Yuma Proving Ground(105)	1,570	1,169	\$0.000	N/A	Improve	Ft Huachuca	4
May-09	Ft Belvoir		36	\$0.000	N/A	Improve	Ft Belvoir	4
Dec-09	US,TX, Fort Bliss (Phase II)		53	\$12.600	FY07	Construct	Ft Bliss	2,4
Dec-09	US,TX, Fort Bliss (AMF)		149	\$35.600	FY 08	Construct	Ft Bliss	2,4
Dec-09	US,CA, Fort Irwin (Phase III AMF))		94	\$31.000	FY07	Improve	Ft Irwin	2,4
Dec-09	US,MD, Aberdeen Proving Ground	1,006	372	\$14.000	FY09	Improve	APG	4
Apr-10	US,CO, FT Carson (GTA Phase I)		308	\$98.300	FY08	Construct	Ft Carson	2,4
Oct-10	US,AK, FT Wainwright (Phase III)		176	\$52.000	FY10	Improve	Ft Wainwright	2,4
Oct-10	US,KY, Fort Knox (MSP 2010)		36	\$40.695	FY10	Imp/Const	Ft Knox	2
Jan-11	US,WA, JB Lewis-McChord		295	\$72.700	FY08	Construct	Ft Lewis	2,4
Feb-11	US,TX, FT Bliss (MSP 2010)		1,064	\$127.000	FY09	Construct	Ft Bliss	2,4
Mar-11	US,GA, FT Stewart (MSP 2010)		0	\$5.201	FY09	Construct	Ft Stewart	2,4
Mar-11	US,VA, FT Eustis (MSP 2010)		8	\$6.500	FY10	Construct	Ft Eustis	2
Mar-11	US,LA, FT Polk (MSP 2010)		112	\$18.392	FY10	Construct	Ft Polk	2
Mar-11	US,NC, FT Bragg (MSP 2010)		13	\$5.400	FY10	Construct	Ft Bragg	2
Mar-11	US,NY, FT Hamilton (MSP 2010)		0	\$3.000	FY09	Improve	Ft Stewart	2
Mar-11	US,NC, FT Bragg (MSP 2011)		20	\$44.400	FY08	Construct	Ft Bragg	2,4
Apr-11	US,AK, FT Wainwright-Greely (MSP 2011)		0	\$43.500	FY09	Improve	Carson & Stewart	2
Apr-11	US,CA, FT Irwin (MSP 2010)		82	\$30.000	FY10	Improve	Ft Irwin	2,4
Apr-11	US,CO, FT Carson (MSP 2010)		88	\$37.600	FY09	Construct	Ft Carson	2,4
Apr-11	US,KS, FT Riley (Phase II)		0	\$30.900	FY 09	Construct	Stewart	2
Apr-11	US,MO, FT Leonard Wood (MSP 2010)		0	\$15.750	FY09	Improve	Carson & Stewart	2
Nov-11	US,OK, FT Sill (MSP 2010)		78	\$20.300	FY10	Construct	Ft Sill	2
Jan-12	US,VA, FT Eustis (MSP 2011)		0	\$19.960	FY11	Improve	Ft Eustis	2
Jan-12	US,PA, Carlisle Brks (Phase II)		0	\$14.970	FY11	Improve	Carlisle Brks	2
Mar-12	US,OK, Fort Sill (MSP 2012)		0	\$26.700	FY09	Improve	Carson & Stewart	2
Grand Totals		80,595	86,055	\$1,938.463				

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)
FH-6 Exhibit

NOTES:

- 1 - The date real property is transferred (land and housing units) to private ownership/developer, and when service members become entitled to receive a basic allowance for housing.
- 2 - The actual/current scope and funding, as of 30 Sep 2012, corresponding to the end state that the owner is obligated to provide, subsequent to OSD/OMB approval, based on changes due to local market conditions and operational transformations. These definitions are consistent with those in the semi-annual MHPI Program Evaluation Plan Report.
- 3 - Show the total conveyed and end-state units for a grouped project, and for each installation within a grouped project.
- 4 - Provide all funding sources.
- 5 - AUTHORITIES:
 - 1 - 10 USC 2873 "Direct Loans and Loan Guarantees"
 - 2 - 10 USC 2875 "Investments in Nongovernmental Entities"
 - 3 - 10 USC 2877 "Differential Lease Payments"
 - 4 - 10 USC 2878 "Conveyance or Lease of Existing Property and Facilities"

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY
 Fiscal Year (FY) 2014 Budget Estimate
 Army Family Housing
 REIMBURSABLE PROGRAM

(\$ in Thousands)

FY 2014 Budget Request	\$15,000
FY 2013 Program Budget	\$15,000

The Reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing by authorized occupants, and damages caused by occupant negligence. This account provides authority to incur costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

The following table shows the source of receipts for the Family housing account.

	FY 2013 (Budget Request)	FY 2014 (Budget Request)
Non-Federal Sources	12,056	12,056
Federal Sources	2,944	2,944

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimate
Army Family Housing

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DEPARTMENT OF ARMY

Fiscal Year (FY) 2014 Budget Estimates

Homeowners Assistance Fund, Defense

**Justification Data Submitted to Congress
April 2013**

April 2013

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

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April 2013

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

TABLE OF CONTENTS

<u>DESCRIPTION</u>	<u>PAGE NUMBER</u>
TABLE OF CONTENTS	i
BUDGET APPENDIX EXTRACT.....	
PROGRAM AND SCOPE	1
PROGRAM SUMMARY.....	2
AUTHORIZATION AND APPROPRIATION LANGUAGE.....	3
PROGRAM FINANCIAL SUMMARY	4
EXHIBIT HA1 – WORKLOAD AND OBLIGATION DATA.....	5
EXHIBIT HA2 – STATUS OF ACCOUNTS	8
EXHIBIT HA3 – WORK UNIT DATA	14
EXHIBIT HA4 – PROGRAM AND FINANCING.....	17

April 2013

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

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DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

SUMMARY

	<u>(In Thousands)</u>
FY 2014 Program/Appropriation	\$10,626/ -0-
FY 2013 Program/Appropriation	\$18,863/ -0-

Program and Scope

This fund finances the Department of Defense Homeowners Assistance Program (HAP) which provides assistance to individual homeowners who sustain a loss on the sale of their primary residences due to declining residential real estate markets attributable to the closure or realignment of military installations. HAP was established in recognition of the fact that base closure and realignment activity may result in serious economic impact on local communities. Military personnel, Federal civilian, and Non-Appropriated Fund employees, who relocate as a result of base closure or realignment activity, are sometimes unable to dispose of their homes under reasonable terms and conditions resulting in financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses real estate market and overall economic conditions relative to the closure or realignment action, and includes an analysis of area property values before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in the inventory of unsold houses, increase in the average number of days on the market; increase in the number of foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of their existing mortgage(s). If the MIS demonstrates sufficient adverse impact on the market and establishes a causal relationship, a program may be implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Assistance and mitigation of financial loss may be provided through various actions which include payment of partial compensation for losses sustained in the private sale of the dwelling, payment of the costs of a judicial foreclosure of a mortgage, and purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, all efforts are made to minimize acquisition activity. Any homes which require acquisition by the government are then resold.

April 2013

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

Every effort is made to insure that each applicant is treated fairly and receives the maximum benefits under the law in a timely manner. The program is executed with a focus on maximum efficiency and overhead reduction. This focus is emphasized through review and innovation.

Program Summary

The FY 2014 budget requests authorization of appropriation in the amount of \$-0- to fund Homeowners Assistance Fund program expenses. The total program estimate for FY 2014 is \$10,626,000 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; costs of judicial foreclosures; property acquisitions by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after the 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 appropriations are required to maintain its solvency as a revolving fund. In the past, Congress has authorized the transfer of funds from the BRAC account to the Homeowners Assistance Fund when BRAC programs cause HAP activity.

The FY2014 HAP financial condition requires no budget request to fund the program requirements and maintain the fund's solvency. The program will maintain the fund's solvency with prior year carryover and revenue. Program activity and funding requirements for HAP are based on execution timelines and eligible Wounded, Ill, and Injured and Surviving Spouses. This estimate of zero request is based on no planned BRAC related closures or realignments or other non-BRAC unit restationing in FY2014.

April 2013

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

AUTHORIZATION AND
APPROPRIATION LANGUAGE

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, 2014 and remain available until expended.

General Provision: Continue the annual provision of transfer authority from BRAC into HAP in the General Provisions of the Military Quality of Life and Veterans Affairs Appropriations Act.

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense**

(\$ in Thousands)

The chart below is a summary of the funding for the FY2012, FY2013 and FY2014

PROGRAM FINANCIAL SUMMARY

	Actual FY 2012	Budget Enactment FY 2013	Budget Request FY 2014
HOMEOWNERS ASSISTANCE FUND, DEFENSE			
PROGRAM RESOURCES			
New Appropriation/TOA Requested	1,284	0	0
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	0	0	0
Total Budget Authority Requested	1,284	0	0
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD	110,362	232,313	278,435
Unobligated Balance Transferred - TO / FROM*	507,000	0	0
Anticipated Revenue from Sale of Real Property	178,369	64,985	6,609
Recovery of Prior Year Balances	7,962	0	0
TOTAL PROGRAM RESOURCES	804,977	297,298	285,044
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	85,119	3,290	197
Other Operating Cost	57,098	7,192	2,048
Acquisition of Real Property	430,447	8,381	8,381
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	572,664	18,863	10,626
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	232,313	278,435	274,418

*Note: Transfer from BRAC 2005 appropriation

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

Workload and Obligation Data
FY 2014

	Budget Actual - FY 2012			Budget Enactment - FY 2013			Budget Request - FY 2014		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	1	47	47,000	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	1,296	390,884	301,608	36	8,237	228,800	36	8,237	228,800
(2) 2nd Mortgage	414	38,774	93,657	0	0	0	0	0	0
(3) Other Liens	75	742	9,893	0	0	0	0	0	0
c. Total: Payments	1,786	430,447	241,012	36	8,237	228,800	36	8,237	228,800
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		430,447			8,237			8,237	
2. EXPENSE									
a. Payments - Private Sales	1,188	82,536	69,475	50	3,290	65,800	3	197	65,800
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	14	346	24,714	0	0	0	0	0	0
d. Payments - Reimbursements/Refunds	914	2,237	2,447	0	0	0	0	0	0
e. Subtotal - Payments to Homeowners	2,116	85,119	40,226	50	3,290	65,800	3	197	65,800
f. Appraisals	2,270	758	334	354	118	334	36	12	334
g. Administrative Expense		29,781			2,530			727	
h. Total Expense - Acquisition		115,658			5,938			936	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	1,362	449	330	354	117	330	36	12	330
b. Interest/Taxes/Insurance	762	2,418	3,173	150	476	3,173	36	114	3,170
c. Sales Expense	999	19,539	19,559	354	3,016	8,520	36	306	8,500
d. Maintenance & Operating Expense	380	530	1,395	150	209	1,395	15	21	1,395
e. Administrative Expense		3,623			870			1,000	
f. Total Expense Management & Disposal		26,559			4,688			1,453	
4. TOTAL EXPENSE		142,217			10,626			2,389	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		572,664			18,863			10,626	

EXHIBIT HA-1

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

Workload and Obligation Data
FY 2014

	Budget Actual - FY 2012			Budget Enactment - FY 2013			Budget Request - FY 2014		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
BRAC PROGRAMS									
1. INVESTMENT									
a. Equity Payments	1	47	47,000	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	1,296	390,884	301,608	0	0	0	0	0	0
(2) 2nd Mortgage	414	38,774	0	0	0	0	0	0	0
(3) Other Liens	75	742	9,893	0	0	0	0	0	0
c. Total: Payments	1,786	430,447	241,012	0	0	0	0	0	0
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		430,447			0			0	
2. EXPENSE									
a. Payments - Private Sales	1,188	82,536	69,475	50	3,290	65,800	0	0	0
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	14	346	0	0	0	0	0	0	0
d. Payments - Reimbursements/Refunds	914	2,237	2,447	0	0	0	0	0	0
e. Subtotal - Payments to Homeowners	2,116	85,119	40,226	50	3,290	65,800	0	0	0
f. Appraisals	2,270	758	334	354	118	334	0	0	0
g. Administrative Expense		0			0			0	
h. Total Expense - Acquisition		85,877			3,408			0	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	1,362	449	330	0	0	0	0	0	0
b. Interest/Taxes/Insurance	762	2,418	3,173	0	0	0	0	0	0
c. Sales Expense	999	19,539	19,559	0	0	0	0	0	0
d. Maintenance & Operating Expense	380	530	1,395	0	0	0	0	0	0
e. Administrative Expense		0			0			0	
f. Total Expense Management & Disposal		22,936			0			0	
4. TOTAL EXPENSE		108,813			3,408			0	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		539,260			3,408			0	

EXHIBIT HA-1

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

Workload and Obligation Data
FY 2014

	NON-BRAC PROGRAMS								
	Budget Actual - FY 2012			Budget Enactment - FY 2013			Budget Request - FY 2014		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	0	0	0	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	0	0	0	36	8,237	228,800	36	8,237	228,800
(2) 2nd Mortgage	0	0	0	0	0	0	0	0	0
(3) Other Liens	0	0	0	0	0	0	0	0	0
c. Total: Payments	0	0	0	36	8,237	228,800	36	8,237	228,800
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		0			8,237			8,237	
2. EXPENSE									
a. Payments - Private Sales	0	0	0	0	0	0	3	197	65,800
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	0	0	0	0	0	0	0
d. Payments - Reimbursements/Refunds	0	0	0	0	0	0	0	0	0
e. Subtotal - Payments to Homeowners	0	0	0	0	0	0	3	197	65,800
f. Appraisals	0	0	0	0	0	0	36	12	334
g. Administrative Expense		29,781			2,530			727	
h. Total Expense - Acquisition		29,781			2,530			936	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	0	0	0	354	117	330	36	12	330
b. Interest/Taxes/Insurance	0	0	0	150	476	3,173	36	114	3,170
c. Sales Expense	0	0	0	354	3,016	8,520	36	306	8,500
d. Maintenance & Operating Expense	0	0	0	150	209	1,395	15	21	1,395
e. Administrative Expense		3,623			870			1,000	
f. Total Expense Management & Disposal		3,623			4,688			1,453	
4. TOTAL EXPENSE		33,404			7,218			2,389	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		33,404			15,455			10,626	

EXHIBIT HA-1

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

STATUS OF ACCOUNTS - PART I
FY 2012 Budget Actual

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS			
a. RESOURCES			
(1) Unobligated Balance Start of Year	110,362	0	110,362
(2) Appropriations	1,284	0	1,284
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	507,000	0	507,000
(5) Revenue			
(a) Sales (Cash)	178,369	0	178,369
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	7,962	0	7,962
(8) Total	804,977	0	804,977
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	430,447	0	430,447
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	142,217	0	142,217
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	572,664	0	572,664
c. UNOBLIGATED BALANCE - END OF PERIOD			
	232,313	0	232,313

EXHIBIT HA-2

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense**

**STATUS OF ACCOUNTS - PART II
FY 2012 Budget Actual**

ITEM		TOTAL (\$000)
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		2,361
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		430,447
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		178,369
e. ON HAND, END OF YEAR		254,439
2. BORROWING ACCOUNT (MORTGAGES PAYABLE)		
a. BALANCE PAYABLE, START OF YEAR		0
b. VALUE OF MORTGAGES PAYABLE ASSUMED		0
c. LESS PAYMENTS ON PRINCIPAL:		
(1) Monthly Payments		0
(2) Mortgage Prepayment (Buydowns)		0
d. LESS VALUE OF MORTGAGES TRANSFERRED		0
e. SUBTOTAL - RETIREMENT OF DEBT		0
f. BALANCE PAYABLE - END OF PERIOD		0
3. NET EQUITY IN PROPERTY		254,439
4. RECAPITULATION FOR PROPERTIES SOLD*		
a. SALES PRICE	Total	Avg (\$)
b. LESS:	178,369	17,837
(1) Acquisition Price	432,808	43,281
(2) M&D Expense	26,559	2,656
c. NET GAIN OR (LOSS)	(280,998)	(28,100)

*Excludes Acquisition Administrative Expense

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

STATUS OF ACCOUNTS - PART I
FY 2013 Budget Enactment

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS			
a. RESOURCES			
(1) Unobligated Balance Start of Year	232,313	0	232,313
(2) Appropriations	0	0	0
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	64,985	0	64,985
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	297,298	0	297,298
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	8,381	0	8,381
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	10,482	0	10,482
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	18,863	0	18,863
c. UNOBLIGATED BALANCE - END OF PERIOD			
	278,435	0	278,435

EXHIBIT HA-2

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense**

**STATUS OF ACCOUNTS - PART II
FY 2013 Budget Enactment**

ITEM	TOTAL (\$000)	
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		254,439
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		8,381
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		64,985
e. ON HAND, END OF YEAR		197,835
2. BORROWING ACCOUNT (MORTGAGES PAYABLE)		
a. BALANCE PAYABLE, START OF YEAR		0
b. VALUE OF MORTGAGES PAYABLE ASSUMED		0
c. LESS PAYMENTS ON PRINCIPAL:		
(1) Monthly Payments		0
(2) Mortgage Prepayment (Buydowns)		0
d. LESS VALUE OF MORTGAGES TRANSFERRED		0
e. SUBTOTAL - RETIREMENT OF DEBT		0
f. BALANCE PAYABLE - END OF PERIOD		0
3. NET EQUITY IN PROPERTY		197,835
4. RECAPITULATION FOR PROPERTIES SOLD*	Total	Avg (\$)
a. SALES PRICE	64,985	6,499
b. LESS:		
(1) Acquisition Price	262,820	26,282
(2) M&D Expense	6,036	604
c. NET GAIN OR (LOSS)	(203,871)	(20,387)

*Excludes Acquisition Administrative Expense

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

STATUS OF ACCOUNTS - PART I
FY 2014 Budget Request

ITEM	CASH (\$000)	AUTHORITY TO SPEND AGENCY DEBT RECEIPT (\$000)	TOTAL (\$000)
1. EXPENDITURE ACCOUNT - RESOURCES AND APPLICATIONS			
a. RESOURCES			
(1) Unobligated Balance Start of Year	278,435	0	278,435
(2) Appropriations	0	0	0
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	6,609	0	6,609
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	285,044	0	285,044
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	8,381	0	8,381
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	2,245	0	2,245
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	10,626	0	10,626
c. UNOBLIGATED BALANCE - END OF PERIOD			
	274,418	0	274,418

EXHIBIT HA-2

**DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense**

**STATUS OF ACCOUNTS - PART II
FY 2014 Budget Request**

ITEM	TOTAL (\$000)	
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		197,835
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		8,381
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		6,609
e. ON HAND, END OF YEAR		199,607
2. BORROWING ACCOUNT (MORTGAGES PAYABLE)		
a. BALANCE PAYABLE, START OF YEAR		0
b. VALUE OF MORTGAGES PAYABLE ASSUMED		0
c. LESS PAYMENTS ON PRINCIPAL:		
(1) Monthly Payments		0
(2) Mortgage Prepayment (Buydowns)		0
d. LESS VALUE OF MORTGAGES TRANSFERRED		0
e. SUBTOTAL - RETIREMENT OF DEBT		0
f. BALANCE PAYABLE - END OF PERIOD		0
3. NET EQUITY IN PROPERTY		199,607
4. RECAPITULATION FOR PROPERTIES SOLD*	Total	Avg (\$)
a. SALES PRICE	6,609	661
b. LESS:		
(1) Acquisition Price	206,216	20,622
(2) M&D Expense	1,395	140
c. NET GAIN OR (LOSS)	(201,002)	(20,100)

*Excludes Acquisition Administrative Expense

EXHIBIT HA-2

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

WORK UNIT DATA
FY 2012 Budget Actual

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	2,329	156	0	2,485
b. RECEIVED	2,446	91	0	2,537
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	1,290	6	0	1,296
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	1,137	51	0	1,188
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	14	0	0	14
(7) Settlements - no payment due	60	2	0	62
(8) Other (Not Eligible or Application Withdrawn)	1,358	49	0	1,407
d. ON HAND - END OF PERIOD	916	139	0	1,055
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				21
b. ACQUIRED				1,296
c. DISPOSED OF				999
d. ON HAND - END OF PERIOD				318
3. MORTGAGES PAYABLE				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
4. OTHER DATA				
a. SECOND MORTGAGES LIQUIDATED				414
b. APPRAISALS MADE				3,632
c. APPEALS PROCESSED:				
(1) Approved				12
(2) Disapproved				175
(3) Pending				9

EXHIBIT HA-3

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

WORK UNIT DATA
FY 2013 Budget Enactment

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	916	139	0	1055
b. RECEIVED	142	7	0	149
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	0	36	0	36
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	63	18	0	81
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	2	0	0	2
(7) Settlements - no payment due	4	1	0	5
(8) Other (Not Eligible or Application Withdrawn)	989	91	0	1080
d. ON HAND - END OF PERIOD	0	0	0	0
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				318
b. ACQUIRED				36
c. DISPOSED OF				354
d. ON HAND - END OF PERIOD				0
3. MORTGAGES PAYABLE				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
4. OTHER DATA				
a. SECOND MORTGAGES LIQUIDATED				0
b. APPRAISALS MADE				354
c. APPEALS PROCESSED:				
(1) Approved				0
(2) Disapproved				170
(3) Pending				0

EXHIBIT HA-3

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

WORK UNIT DATA
FY 2014 Budget Request

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	0	84	0	84
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	0	36	0	36
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	0	0	0	0
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	0	0	0	0
(7) Settlements - no payment due	0	0	0	0
(8) Other (Not Eligible or Application Withdrawn)	0	48	0	48
d. ON HAND - END OF PERIOD	0	0	0	0
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				0
b. ACQUIRED				36
c. DISPOSED OF				36
d. ON HAND - END OF PERIOD				0
3. MORTGAGES PAYABLE				
a. ON HAND - START OF YEAR				0
b. ASSUMED				0
c. LESS LIQUIDATED				0
d. ON HAND - END OF PERIOD				0
4. OTHER DATA				
a. SECOND MORTGAGES LIQUIDATED				0
b. APPRAISALS MADE				36
c. APPEALS PROCESSED:				
(1) Approved				0
(2) Disapproved				0
(3) Pending				0

EXHIBIT HA-3

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

PROGRAM AND FINANCING FY 2014	Actual FY 2012 Obligations (000)		Budget Enactment FY 2013 Obligations (000)		Budget Request FY 2014 Obligations (000)	
	Units	(000)	Units	(000)	Units	(000)
PAYMENTS TO HOMEOWNERS	2,116	85,119	50	3,290	3	197
OTHER OPERATING COSTS	5,773	57,098	1,362	7,192	159	2,048
ACQUISITION OF PROPERTIES	1,504	430,447	36	8,381	36	8,381
MORTGAGES ASSUMED	0	0	0	0	0	0
TOTAL PROGRAM		572,664		18,863		10,626
AVAILABLE FROM PRIOR YEAR		110,362		232,313		278,435
UNOBLIGATED BALANCES TRANSFERRED - OUT		0		0		0
ESTIMATED EARNED REVENUE		178,369		64,985		6,609
RETIREMENT OF DEBT		0		0		0
RECOVERY OF PRIOR YEAR OBLIGATIONS		7,962		0		0
AVAILABLE FOR OTHER YEARS		232,313		278,435		274,418
BUDGET AUTHORITY		1,284		0		0
AUTHORIZATION TO SPEND AGENCY DEBT RECEIPTS		0		0		0
APPROPRIATION		1,284		0		0
TRANSFER TO/FROM OTHER ACCOUNT		507,000		0		0
APPROPRIATION ADJUSTED		508,284		0		0

EXHIBIT HA-4

April 2013

DEPARTMENT OF ARMY
Fiscal Year (FY) 2014 Budget Estimates
Homeowners Assistance Fund, Defense

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