



***Department of the Army
Fiscal Year (FY) 2024
President's Budget Submission***

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

March 2023

JUSTIFICATION DATA SUBMITTED TO CONGRESS

The estimated cost of this report for the Department of Defense is approximately \$46,437.00 for Fiscal Year 2023. This cost includes \$437 in expenses and \$46,000.00 in DoD Labor.

TABLE OF CONTENTS

TAB DESCRIPTION	PAGE NUMBER
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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
Alabama.....	1
Alaska.....	9
Georgia.....	17
Hawaii.....	27
Kansas.....	35
Kentucky.....	45
Massachusetts.....	53
Michigan.....	61
North Carolina.....	69
Pennsylvania.....	83
Texas.....	93
Washington.....	107
7. OUTSIDE THE UNITED STATES.....	115
Germany.....	115
8. WORLDWIDE.....	127
Worldwide Various.....	127

Part IA - HOST NATION

Part II - AFH

Part III - HOMEOWNERS ASSISTANCE

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----	NEW/ CURRENT MISSION -----	PAGE -----
Alabama		Redstone Arsenal (IMCOM)				3
	100479	Substation	50,000	50,000	C	5
		Subtotal Redstone Arsenal Part I	\$ 50,000	50,000		
		* TOTAL MCA FOR Alabama	\$ 50,000	50,000		
Alaska		Fort Wainwright (IMCOM)				11
	99292	Cost to Complete - Enl Unaccomp Pers Hsg	0	34,000	C	13
		Subtotal Fort Wainwright Part I	\$ 0	34,000		
		* TOTAL MCA FOR Alaska	\$ 0	34,000		
Georgia		Fort Gordon (IMCOM)				18
	88726	Cyber Instructional Facility (Classrooms)	163,000	163,000	N	20
		Subtotal Fort Gordon Part I	\$ 163,000	163,000		
		* TOTAL MCA FOR Georgia	\$ 163,000	163,000		
Hawaii		Fort Shafter (USARPAC)				27
		Aliamanu Military Res				
	103966	Water Storage Tank	20,000	20,000	C	29
		Subtotal Fort Shafter Part I	\$ 20,000	20,000		
		* TOTAL MCA FOR Hawaii	\$ 20,000	20,000		
Kansas		Fort Riley (IMCOM)				35
	72687	Aircraft Maintenance Hangar	105,000	105,000	C	37
		Subtotal Fort Riley Part I	\$ 105,000	105,000		
		* TOTAL MCA FOR Kansas	\$ 105,000	105,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	NEW/ APPROPRIATION CURRENT REQUEST MISSION -----	PAGE -----
Kentucky		Fort Campbell (IMCOM)			44
	96184	Multipurpose Training Range	38,000	38,000 N	46
		Subtotal Fort Campbell Part I	\$ 38,000	38,000	
		* TOTAL MCA FOR Kentucky	\$ 38,000	38,000	
Massachusetts		Soldier Systems Ctr (Natick) (IMCOM)			52
	88781	Barracks Addition	18,500	18,500 C	54
		Subtotal Soldier Systems Ctr (Natick) Part I	\$ 18,500	18,500	
		* TOTAL MCA FOR Massachusetts	\$ 18,500	18,500	
Michigan		Detroit Arsenal (IMCOM)			60
	65526	Ground Transport Equipment Building	72,000	72,000 C	62
		Subtotal Detroit Arsenal Part I	\$ 72,000	72,000	
		* TOTAL MCA FOR Michigan	\$ 72,000	72,000	
North Carolina		Fort Bragg (IMCOM)			68
	92062	Barracks	50,000	50,000 C	70
	99836	Automated Record Fire Range	19,500	19,500 C	73
	103069	Barracks (Facility Prototyping)	85,000	85,000 C	76
		Subtotal Fort Bragg Part I	\$ 154,500	154,500	
		* TOTAL MCA FOR North Carolina	\$ 154,500	154,500	
Pennsylvania		Letterkenny Army Depot (AMC)			82
	66632	Guided Missile Maintenance Building	89,000	89,000 C	84
		Subtotal Letterkenny Army Depot Part I	\$ 89,000	89,000	
		* TOTAL MCA FOR Pennsylvania	\$ 89,000	89,000	

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	NEW/ APPROPRIATION CURRENT REQUEST MISSION -----	PAGE -----
Texas		Fort Bliss (IMCOM)			92
	61298	Rail Yard	74,000	74,000 C	94
		Subtotal Fort Bliss Part I	\$ 74,000	74,000	
		Red River Army Depot (AMC)			
	82307	Component Rebuild Shop	113,000	113,000 C	98
		Subtotal Red River Army Depot Part I	\$ 113,000	113,000	
		* TOTAL MCA FOR Texas	\$ 187,000	187,000	
Washington		Joint Base Lewis-McChord (IMCOM)			105
	97677	Barracks	100,000	100,000 C	107
		Subtotal Joint Base Lewis-McChord Part I	\$ 100,000	100,000	
		* TOTAL MCA FOR Washington	\$ 100,000	100,000	
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 1,031,000	1,031,000	

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	NEW/ APPROPRIATION CURRENT REQUEST MISSION -----	PAGE -----
Germany		Germany Various (IMCOM)			112
		Grafenwoehr Training Area			
	73999	Automated Multipurpose Machine Gun Range	10,400	10,400 C	114
		Hohenfels Training Area			
	92414	Simulations Center	56,000	56,000 C	117
		Subtotal Germany Various Part I	\$ 66,400	66,400	
		* TOTAL MCA FOR Germany	\$ 66,400	66,400	
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 66,400	66,400	

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	NEW/ APPROPRIATION CURRENT REQUEST MISSION -----	PAGE -----
Worldwide	Various	Planning and Design (PLANDES)			
		Planning and Design Host Nation			
	92943	Host Nation Support	0	26,000	124
	92942	Planning and Design	0	270,875	126
		-----	-----	-----	
		Subtotal Planning and Design Part I	\$ 0	296,875	
		Minor Construction (MINOR)			
	92944	Minor Construction	0	76,280	128
		-----	-----	-----	
		Subtotal Minor Construction Part I	\$ 0	76,280	
		* TOTAL MCA FOR Worldwide Various	\$ 0	373,155	
	** TOTAL WORLDWIDE FOR MCA		\$ 0	373,155	
	MILITARY CONSTRUCTION (PART I) TOTAL		\$ 1,097,400	1,470,555	
		Total Cost of New Mission Projects	(2)	\$ 201,000	
		Total Cost of Current Mission projects	(15)	\$ 896,400	
		Total Cost of other line items	(3)	\$ 373,155	
		Total Cost of FY 2024 MCA Projects	(20)	\$ 1,470,555	

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (Part I) FY 2024

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----
<u>INSIDE THE UNITED STATES</u>		
US Army Installation Management Command	809,000	809,000
US Army Materiel Command	202,000	202,000
US Army Pacific	20,000	20,000
<u>OUTSIDE THE UNITED STATES</u>		
US Army Installation Management Command	66,400	66,400
<u>WORLDWIDE</u>		
Military Construction, Army Minor	0	76,280
Planning and Design	0	296,875
TOTAL	1,097,400	1,470,555

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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>	MILITARY CONSTRUCTION, ARMY, <u>\$347,215,000 (\$)¹</u>
2024	\$1,470,555,000
2023	\$2,008,915,000
2022	\$1,833,672,000

Footnote: ¹FY 2022 includes \$121,285 in OOC Actuals. FY 2023 includes \$224,292 in OOC Enacted. FY 2024 includes \$1,638 for the OOC Budget Estimate.

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 that support readiness both within the United States and overseas. The Army’s military construction investment focuses on support of Combatant Commander’s requirements; mission readiness; Soldier and family readiness; installation capacity for energy and water security/resilience.

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 U.S.C. 2805. Projects awarded with these funds must cost more than \$6,000,000 and may not exceed \$9,000,000. If located in the United States, or its territories, commonwealths, and possessions, the cost may be adjusted according to DoD’s published local construction cost index not to exceed \$14,000,000. The funded cost limit is \$9,000,000 if the project is intended for the revitalization or recapitalization of laboratories under the jurisdiction of the Army.

3. Planning & Design. This provides for the necessary pre-award activities for military construction projects including surveys, studies, maintaining standards and criteria, design and cost estimates, and other related activities. This program also provides for host nation support design and construction management. In general, design funds requested in Fiscal Year 2024 will be used to design projects in the Army's Fiscal Year 2025 and 2026 programs. All new construction projects are designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Compliance shall be to the extent project funds and technology allows. On-site renewable energy requirements may be met on an installation-wide or program-wide basis.

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Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2024

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, \$1,470,555,000 to remain available until September 30, 2028: Provided, that of this amount, not to exceed \$296,875,000 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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Special Program Considerations

Division B Authorizations

Extension of authority to use cash payments in special account from land conveyance, Natick Soldier Systems Center, Massachusetts

EXTENSION.—The deadline contained in section 2844(c)(2)(C) of the National Defense Authorization Act for Fiscal Year 2018 (division B of Public Law 115-91; 131 Stat. 1865) requiring cash payments not used by the Secretary of the Army for the purposes authorized by subparagraph (c)(2)(B) (131 Stat. 1864) prior to October 1, 2025, be transferred to an account in the Treasury established pursuant to section 2883 of title 10, United States Code, shall be extended to October 1, 2027. The extension is necessary due to unforeseen delays in the sale of the 98 acres of land and the improvements thereon authorized in section 2844(a) (131 Stat. 1864).

Extension of authority to carry out certain fiscal year 2018 project.

(a) Extension. —Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2018 (division B of Public Law 115–91; 131 Stat. 1817), the authorization set forth in the table in subsection (b), as provided in section 2101(b) of that Act (131 Stat. 1819) (as amended by section 2106(a) of the Military Construction Act for Fiscal Year 2023 (division B of Public Law 117-263, xxx Stat. xxxx)), shall remain in effect until October 1, 2024, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2025, whichever is later.

(b) The table referred to in subsection (a) is as follows:

Army: Extension of 2018 Project Authorization

Country	Installation or Location	Project	Original Authorized Amount
Korea	Kunsan Air Force	Unmanned Aerial Vehicle Hangar	\$53,000,000

Extension of authority to carry out certain fiscal year 2019 projects.

(a) Extension.— (1) Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2019 (division B of Public Law 115–232; 132 Stat. 2240), the authorization set forth in the table in paragraph (2), as provided in section 2101(a) of that Act (132 Stat. 2241), shall remain in effect until October 1, 2024, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2025, whichever is later.

(2) The table referred to in paragraph (1) is as follows:

Army: Extension of 2019 Project Authorization

State	Installation or Location	Project	Original Authorized Amount
Maryland	Fort Meade	Cantonment Area Roads	\$16,500,000

(a) Overseas Contingency Operations.—Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2019 (division B of Public Law 115–232; 132 Stat. 2240), the authorizations set forth in the table in subsection (b), as provided in section 2901 of that Act (132 Stat. 2286), shall remain in effect until October 1, 2024, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2025, whichever is later.

(b) The table referred to in subsection (a) is as follows:

Army: Extension of 2019 Project Authorizations

Country	Installation or Location	Project	Original Authorized Amount
Bulgaria	Nevo Selo FOS	EDI: Ammunition Holding Area	\$5,200,000
Romania	Mihail Kogalniceanu FOS	EDI: Explosives & Ammo Load/Unload Apron.	\$21,651,000

Special Program Considerations

Extension of authority to carry out certain fiscal year 2021 projects.

(a) Extension.—(1) Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2021 (division B of Public Law 116-283; 134 Stat. 4294), the authorization set forth in the table in paragraph (2), as provided in section 2101(a) of that Act (134 Stat. 4295), shall remain in effect until October 1, 2024, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2025, whichever is later.

(2) The table referred to in paragraph (1) is as follows:

Army: Extension of 2021 Project Authorization

State	Installation or Location	Project	Original Authorized Amount
Arizona	Yuma Proving Ground	Ready Building	\$14,000,000
Georgia	Fort Gillem	Forensic Lab	\$71,000,000
Louisiana	Fort Polk	Information Systems facility	\$25,000,000

(b) Child Development Centers.—(1) Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2021 (division B of Public Law 116-283; 134 Stat. 4294), the authorization set forth in the table in paragraph (2), as provided in section 2865 of that Act (134 Stat. 4360), shall remain in effect until October 1, 2024, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2025, whichever is later.

(2) The table referred to in paragraph (1) is as follows:

Army: Extension of 2021 Project Authorization

State	Installation or Location	Project	Original Authorized Amount
Georgia	Fort Gordon	Child Development Center	\$21,000,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Alabama	100479	Redstone Arsenal (IMCOM) Substation	50,000	50,000	C	3 5
		Subtotal Redstone Arsenal Part I	\$ 50,000	50,000		
		* TOTAL MCA FOR Alabama	\$ 50,000	50,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Redstone Arsenal Alabama				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 0.84		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		431	252	10675	52	0	0	126	34	32923	44,493
B. END FY 2028		431	252	10671	52	0	0	126	34	32685	44,251

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	15,470 ha	(38,228 AC)	
B. INVENTORY TOTAL AS OF 30 JUN 2022.....			8,207,137
C. AUTHORIZATION NOT YET IN INVENTORY.....			306,199
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....			50,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....			0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....			0
G. REMAINING DEFICIENCY.....			0
H. GRAND TOTAL.....			8,563,336

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT			COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM	(\$000)	START COMPLETE
81320	Substation	346,995.00/LF(105764.08/m)	50,000	09/2021 01/2024
TOTAL			50,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2025 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:

Headquarters of the U.S. Army Materiel Command, U.S. Army Aviation and Missile Command, the principle commodity center for the research, development, and acquisition effort on aviation systems, rockets, guided missiles and related systems and equipment. Home of the Aviation and Missile Research Development and Engineering Center (AMRDEC). Home of the U.S. Army Test, Measurement and Diagnostic Equipment (TMDE) Support Group. Home of three U.S. Army Program Executive Offices (PEOs) responsible for Air, Space, and Missile Defense, Aviation, and Tactical Missiles. Home of the Ground-Based Midcourse Defense Joint Program Office. Home of the Space and Missile Defense Command which is the Army's proponent for Space and its integrator for Missile Defense. Home of the Redstone Technical Test Center (RTTC) which provides planning and conducting technical tests of aviation, rocket, and missile systems. Home of the Ordnance Munitions and Electronics Maintenance School (OMEMS) which trains Soldiers for systems such as Javelin, Avenger, Patriot, and Linebacker, as well as electronics maintenance and munitions training. Also home to the Defense Intelligence Agency's Missile and Space Intelligence Center which provides analyses of foreign threat missile systems.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Redstone Arsenal Alabama				4. PROJECT TITLE Substation		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 81320		7. PROJECT NUMBER 100479		8. PROJECT COST (\$000) Approp 50,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						40,985
81241 Electrical Power Transmission an		m (LF)	105,764 (346,995)		248.56	(26,288)
81320 Electrical Power Substation		kVA(KVA)	180,000 (180,000)		79.01	(14,222)
00000 Cybersecurity Measures		EA	--			(250)
00000 Post Construction Award Services		LS	--		--	(222)
Building Information Systems		LS	--		--	(3)
SUPPORTING FACILITIES						3,856
Storm Drainage		LS	--		--	(83)
Site Imp(3,756) Demo()		LS	--		--	(3,756)
Information Systems		LS	--		--	(17)
ESTIMATED CONTRACT COST						44,841
CONTINGENCY (5.00%)						2,242
SUBTOTAL						47,083
SUPV, INSP & OVERHEAD (6.50%)						3,060
TOTAL REQUEST						50,143
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a high voltage Electrical Primary Substation on Redstone Arsenal, Alabama. The project includes installation of high voltage electrical power transmission lines that will connect the new substation directly to existing substations, and to the future 3rd Tennessee Valley Authority (TVA) 161,000 volt transmission electrical power transmission feed. Work includes the substation, transformers, primary and secondary voltage switchgear with associated distribution loop, cable vault, control room and all associated duct banks with cabling. Equipment will be sized and compatible with existing electrical infrastructure. Post Construction Award Services (PCAS) will be provided. Building information systems for this project are unique in nature and not included in the unit cost of the building. Supporting facilities include site improvements, storm drainage, and information 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. Cyber Security Measures will be incorporated into this project. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.						
11. REQ: 133,821 m ADQT: 103,327 m SUBSTD: 30,480 m						
PROJECT: Construct a Substation at Redstone Arsenal, Alabama. (Current Mission)						
REQUIREMENT: Redstone's electrical power grid must be upgraded and expanded to properly						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Redstone Arsenal Alabama			4. PROJECT TITLE Substation		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 81320	7. PROJECT NUMBER 100479	8. PROJECT COST (\$000) Approp 50,000		
<u>REQUIREMENT: (CONTINUED)</u> <p>handle the additional electrical load required for the facilities currently under construction and planned future facilities. Primary substation 4 is required to relieve this stress on the power grid. Redstone has many tenants which require an uninterrupted supply of electricity, these include the Federal Bureau of Investigation (FBI), Missile Intelligence Space Command (MISC), National Aeronautics and Space Administration (NASA), Army Materiel Command (AMC) Headquarters, Missile Defense Agency (MDA), and the Army Space and Missile Defense Center (SMDC). Redstone's two existing electrical power feeds from the Tennessee Valley Authority (TVA) are susceptible to damage by the same tornado or other high wind event because they both enter Redstone from the north through Alabama's tornado corridor. The two feeds were severely damaged in the 2011 tornado event which caused a four-day power outage. The proposed third feed would enter Redstone from the south. There would be enough distance between the two northern feeds and the southern feed to provide Redstone with the required security and redundancy to provide reliable, resilient power to support the critical Army and DoD missions. Redstone Arsenal has an existing available electrical capacity of 52 Megawatts (MW). Over the next 5 years, the known project construction activities planned will include an estimated demand load of 62 MW, which presents a 10 MW electrical power deficiency across the base. A new 80MW primary substation will accommodate all identified missions and provide Redstone Arsenal with operational security for its electrical power supply.</p> <p><u>CURRENT SITUATION:</u> Redstone Arsenal experiences periodic power outages due aging and an overburdened electrical system. These events will become more frequent once the current construction is completed and demand increases. Redstone's existing power is provided by the TVA via two independent 161 KV feeds to high voltage substations. Primary 1 substation is located on the north section of Redstone and primary 2 is located on the northeast side of the base. The two primary substations are connected to a central primary substation 3, located in the central portion of Redstone Arsenal. Power is distributed from the primary substations to local, unit substations spread across the base via 46 KV and 12 KV electrical infrastructure. Redstone Arsenal's electrical power grid is limited by the size and capacity of the primary substations. The grid is managing to meet the current known demand, however there are no possible mitigation measures to compensate for future power requirements if primary 4 is not constructed. Installation of large facility electrical generators is ongoing to provide additional power security until the third TVA feed is constructed.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Redstone Arsenal will be unable to provide adequate power supply to critical Army, DoD and NASA mission sets. Facilities and missions planned and programmed over the next several years will not be fully functional without adequate electrical service. Facility operations and mission curtailment during peak demand times may result if load shedding is required to avoid transformer core damage in the existing primary substations. The existing capacity of electrical power grid will be overburdened once the facilities currently planned and under construction come online. Small maintenance problems will have the ability to cause major disruption in the supply of electricity. Periodic power outages due to the aging, overburdened electrical system will continue to occur and become more frequent. Redstone will continue to be susceptible to natural disaster impacts similar to the 2011 tornado outbreak event which cut all electrical power for four days. The large electrical generators depend on diesel fuel which is in limited supply during such an event and proved to be unreliable when critically needed.</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023																								
3. INSTALLATION AND LOCATION Redstone Arsenal Alabama			4. PROJECT TITLE Substation																									
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 81320	7. PROJECT NUMBER 100479	8. PROJECT COST (\$000) Approp 50,000																									
<p>ADDITIONAL: Required assessments have been made for supporting facilities and the project is in a 100-year floodplain in accordance with Executive Order 11988. 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>																												
<p>12. SUPPLEMENTAL DATA:</p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-bottom: 1px solid black;">SEP 2021</td> </tr> <tr> <td>(b) Percent Complete as of January 2023.....</td> <td style="text-align: right; border-bottom: 1px solid black;">50.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JUN 2022</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right; border-bottom: 1px solid black;">JAN 2024</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs..</td> <td style="text-align: right; border-bottom: 1px solid black;">NO</td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-bid-build</td> </tr> <tr> <td colspan="2">(g) An energy study and life cycle cost analysis will be documented during the final design.</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(2) Basis:</p> <p style="margin-left: 20px;">(a) Standard or Definitive Design: NO</p> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">2,870</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">717</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-bottom: 1px solid black;">3,587</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-bottom: 1px solid black;">2,870</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-bottom: 1px solid black;">717</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(4) Construction Contract Award.....</p> <div style="text-align: right; border-bottom: 1px solid black; width: 100px;">JUL 2024</div> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(5) Construction Start.....</p> <div style="text-align: right; border-bottom: 1px solid black; width: 100px;">AUG 2024</div> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(6) Construction Completion.....</p> <div style="text-align: right; border-bottom: 1px solid black; width: 100px;">AUG 2026</div> </div>					(a) Date Design Started.....	SEP 2021	(b) Percent Complete as of January 2023.....	50.00	(c) Date 35% Designed.....	JUN 2022	(d) Date Design Complete.....	JAN 2024	(e) Parametric Cost Estimating Used to Develop Costs..	NO	(f) Type of Design Contract: Design-bid-build		(g) An energy study and life cycle cost analysis will be documented during the final design.		(a) Production of Plans and Specifications.....	2,870	(b) All Other Design Costs.....	717	(c) Total Design Cost.....	3,587	(d) Contract.....	2,870	(e) In-house.....	717
(a) Date Design Started.....	SEP 2021																											
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(e) Parametric Cost Estimating Used to Develop Costs..	NO																											
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(d) Contract.....	2,870																											
(e) In-house.....	717																											

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Redstone Arsenal Alabama			Substation		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
72896A		81320	100479	Approp 50,000	
12. SUPPLEMENTAL DATA (CONTINUED..)					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment <u>Nomenclature</u>		Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	
		NONE			

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Alaska		Fort Wainwright (IMCOM)				11
	99292	Cost to Complete - Enl Unaccomp Pers Hsg	0	34,000	C	13
		Subtotal Fort Wainwright Part I	\$ 0	34,000		
		* TOTAL MCA FOR Alaska	\$ 0	34,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Fort Wainwright Alaska				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 2.09		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		798	5985	1177	0	30	0	944	2251	1848	13,033
B. END FY 2028		801	6051	1177	0	30	0	944	2251	1844	13,098

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	655,662 ha	(1,620,170 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....		19,257,834
C. AUTHORIZATION NOT YET IN INVENTORY.....		1,394,444
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....		19,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		20,671,278

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM	(\$000) START COMPLETE
72111	Enlisted Unaccompanied Pers Hsg	95,760.00/SF(8896.39/m2)	34,000 09/2020 06/2022
TOTAL		34,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 PROGRAM:			
17833	Automated Multipurpose Machine Gun Range	19,000	
TOTAL		19,000	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A	

10. MISSION OR MAJOR FUNCTIONS:

Fort Wainwright 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 1st Brigade 11th Airborne Division and Aviation Task Force. 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 environment; provide service/programs to enable readiness; execute community and family support services and programs; and 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

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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Fort Wainwright Alaska		4. PROJECT TITLE Cost to Complete - Enl Unaccomp Pers Hsg		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 99292	8. PROJECT COST (\$000) Approp 34,000	
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>				
72111 Barracks	m2 (SF)	8,896 (95,760)	7,812	73,843 (69,503)
85110 Special Foundations	LS	--	--	(2,661)
00000 Cyber Security Measures	LS	--	--	(750)
Sustainability/Energy Measures	LS	--	--	(929)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	6,543 (1,499)
Water, Sewer, Gas	LS	--	--	(1,120)
Steam/Chilled Water Distribution	LS	--	--	(654)
Paving, Walks, Curbs And Gutters	LS	--	--	(1,485)
Storm Drainage	LS	--	--	(996)
Site Imp(317) Demo()	LS	--	--	(317)
Information Systems	LS	--	--	(286)
Antiterrorism Measures	LS	--	--	(186)
ESTIMATED CONTRACT COST				80,386
CONTINGENCY (5.00%)				4,019
SUBTOTAL				84,405
SUPV, INSP & OVERHEAD (6.50%)				5,486
DESIGN/BUILD-DESIGN COST (4.00%)				3,376
TOTAL REQUEST				93,267
TOTAL REQUEST (ROUNDED)				93,000
INSTALLED EQT-OTHER APPROP				(0)
10. Description of Proposed Construction Congress authorized and appropriated \$59 million in FY2021 (PN59982). In FY2022, Congress increased authorization to \$91 million. This request of \$34 million completes the project. Construct a 272 Person (PN) standard-design, 1+1 market-style, Enlisted Unaccompanied Personnel Housing facility. Special Foundations are required. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related to interior design services are required. Access for individuals with disabilities will be provided. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 598 kW/170 Tons).				
11. REQ: 109,324 m2 ADQT: 71,400 m2 SUBSTD: 32,522 m2 PROJECT: Construct Enlisted Unaccompanied Personnel Housing at Fort Wainwright, Alaska. (Current Mission) REQUIREMENT: This project is required to provide adequate Enlisted Unaccompanied Personnel Housing to assigned Service members to Fort Wainwright. CURRENT SITUATION: The installation continues to utilize and sustain a 67-year-old barracks. Significant restoration and modernization efforts is expended and exhausted on these facilities in order to maintain habitable conditions for its occupants, however new				

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Wainwright Alaska			Cost to Complete - Enl Unaccomp Pers Hsg		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22096A	72111	99292	<div style="display: flex; justify-content: space-between;"> Approp 34,000 </div>		
<p><u>CURRENT SITUATION: (CONTINUED)</u> construction provides the only complete solution.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Currently the installation has 619 spaces of minimally adequate barracks. The lack of standard modern amenities drastically decreases occupant quality of life and compromises unit integrity and cohesion. Current occupancy rates above 100% require that approximately one battalion's worth of Soldiers reside either off-post or in double-triple occupancy in barracks rooms.</p> <p><u>ADDITIONAL:</u> Utility connections are required to a privatized electric, water, and wastewater systems. The Army intends to have the electric, water, and wastewater Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation. Utility connections are required to natural gas systems. In the event of a future Utilities Privatization (UP) action, the Army intends to have the natural gas UP System Owner make and own the necessary connection supply to the facility disconnect or other defined point of demarcation. 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>					
12. <u>SUPPLEMENTAL DATA:</u>					
A. Estimated Design Data:					
(1) Status:					
(a) Date Design Started.....					SEP 2020
(b) Percent Complete as of January 2023.....					65.00
(c) Date 35% Designed.....					SEP 2021
(d) Date Design Complete.....					JUN 2022
(e) Parametric Cost Estimating Used to Develop Costs..					NO
(f) Type of Design Contract: Design-build					
(2) Basis:					
(a) Standard or Definitive Design: YES					
(b) Where Design Was Most Recently Used:					
Fort Wainwright					
(c) Percentage of Design utilizing Standard Design ...					95
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)					
(a) Production of Plans and Specifications.....					1,324
(b) All Other Design Costs.....					795

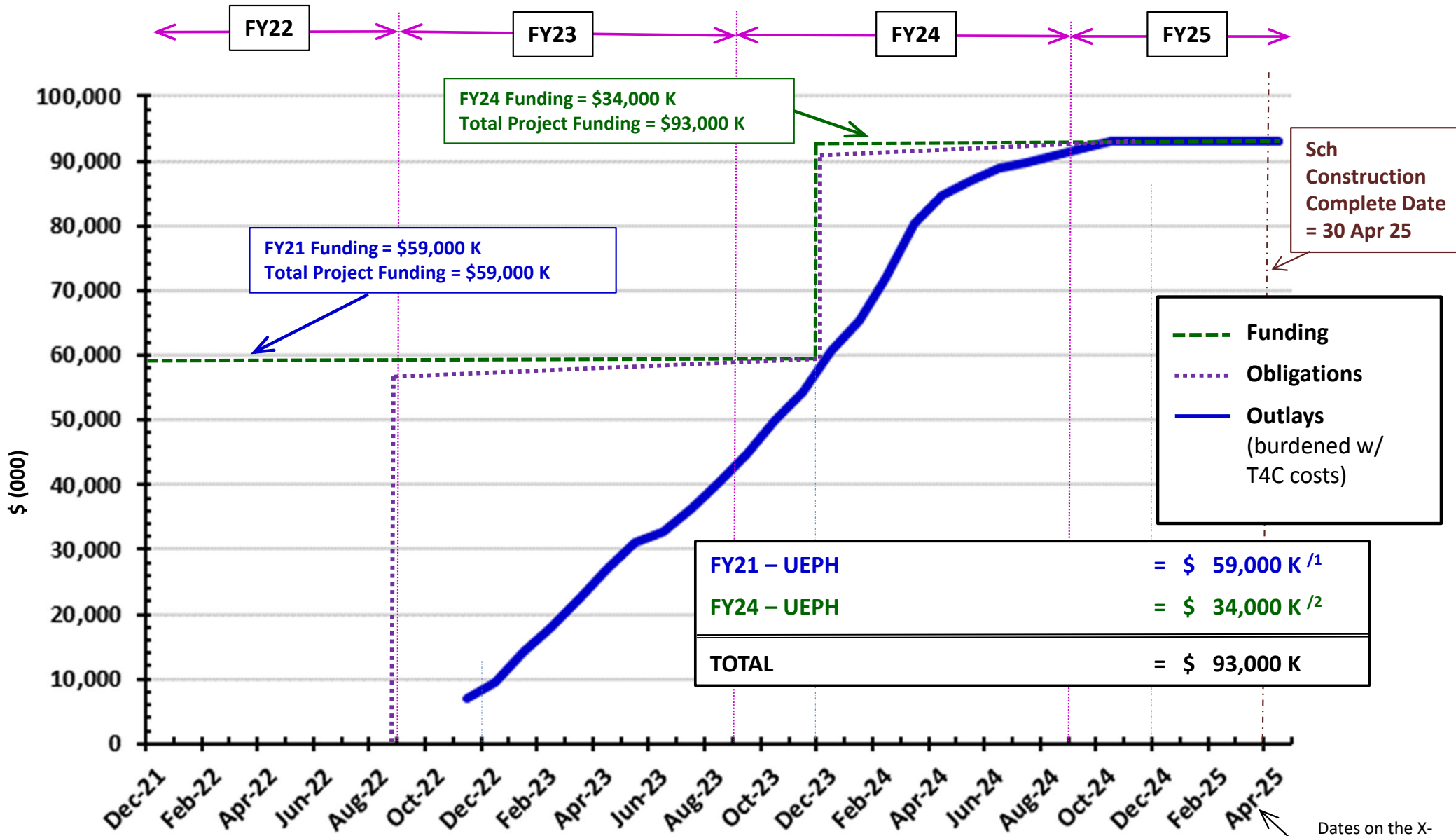
1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				17 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Fort Wainwright Alaska			Cost to Complete - Enl Unaccomp Pers Hsg	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
22096A	72111	99292	Approp	34,000
12. SUPPLEMENTAL DATA (CONTINUED..)				
A. Estimated Design Data: (CONTINUED..)				
(c) Total Design Cost.....				2,119
(d) Contract.....				1,324
(e) In-house.....				795
(4) Construction Contract Award.....				SEP 2022
(5) Construction Start.....				OCT 2024
(6) Construction Completion.....				APR 2025
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>	
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>	
	NA	<u>Or Requested</u>		



Work In Progress (WIP) Curve – Ft Wainwright, AK Unaccompanied Enlisted Personnel Housing (UEPH)

Full Auth = \$91,000 K ^{/1} / Full Approps = \$93,000 ^{/2} Scheduled Award Date = **28 Sep 22**

As of: 2 March 2023



Note 1: Project was a "Community Project" in FY21 @ \$59,000 K. The FY22 NDAA increased the authorization to \$91,000 K

Note 2: With the FY24 request for \$34,000 K in the budget request as a "Cost to Complete", the project's full appropriations will be at \$93,000 K

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Georgia		Fort Gordon (IMCOM)				19
	88726	Cyber Instructional Facility (Classrooms)	163,000	163,000	N	21
		Subtotal Fort Gordon Part I	\$ 163,000	163,000		
		* TOTAL MCA FOR Georgia	\$ 163,000	163,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Fort Gordon Georgia				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 0.96		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		1962	5371	3590	829	5441	19	592	3533	10428	31,765
B. END FY 2028		1974	5406	3598	830	5473	19	592	3533	10424	31,849

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	23,131 ha	(57,157 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....		6,524,422
C. AUTHORIZATION NOT YET IN INVENTORY.....		806,497
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....		162,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....		165,300
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		39,000
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		7,697,219

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT	PROJECT TITLE	SCOPE/UM	COST (\$000)	DESIGN STATUS
CODE				START COMPLETE
	Cyber Instructional Facility			
17136	(Classrooms	243,443.00/SF(22616.59/m2)	162,000	04/2019 10/2023
TOTAL			162,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2025 PROGRAM:		
17136	Cyber Instructional Fac (Clssrms/Aud)	61,000
74017	Child Development Center Addition	6,300
TOTAL		67,300
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		
TOTAL		0
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A

10. MISSION OR MAJOR FUNCTIONS:

Fort Gordon has numerous tenant units with diverse missions. The major tenant is the U.S. Army Signal Corps. Fort Gordon has the largest information technology and communications training school in the Armed Forces. It is also home to the U.S. Army Cyber Command, the Southeast (SE) Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the 93rd Signal Brigade, the Gordon Regional Security Operations Center (one of three Joint Continental United States (CONUS) based intelligence platforms), the 513th Military Intelligence Brigade (MI Bde) theater-level intelligence and security, and Reserve/National Guard units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Fort Gordon Georgia		4. PROJECT TITLE Cyber Instructional Facility (Classrooms)		
5. PROGRAM ELEMENT 35251A	6. CATEGORY CODE 17136	7. PROJECT NUMBER 88726	8. PROJECT COST (\$000) Approp 163,000	
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>				
17136 Automation Aided Instruction Bld	m2 (SF)	22,617 (243,443)	5,504	131,262 (124,477)
00000 Cyber Security	LS	--	--	(1,000)
Antiterrorism Measures	LS	--	--	(1,322)
00000 Post Construction Award Services	LS	--	--	(290)
Building Information Systems	LS	--	--	(4,173)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	14,202 (898)
Water, Sewer, Gas	LS	--	--	(1,510)
Steam/Chilled Water Distribution	LS	--	--	(1,150)
Paving, Walks, Curbs And Gutters	LS	--	--	(4,384)
Storm Drainage	LS	--	--	(1,913)
Site Imp(3,381) Demo()	LS	--	--	(3,381)
Information Systems	LS	--	--	(550)
Antiterrorism Measures	LS	--	--	(416)
ESTIMATED CONTRACT COST				145,464
CONTINGENCY (5.00%)				7,273
SUBTOTAL				152,737
SUPV, INSP & OVERHEAD (6.50%)				9,928
TOTAL REQUEST				162,665
TOTAL REQUEST (ROUNDED)				163,000
INSTALLED EQT-OTHER APPROP				(66,090)
10. Description of Proposed Construction Construct a Cyber Instructional Facility (classrooms). Project includes a standard design secret level Automation-Aided Instructional area consisting of classrooms, instructional labs, instructor offices, conference/counseling rooms, administrative spaces, separate student and staff break areas, student records storage, central storage, and computer maintenance area, secret level general purpose administrative space, loading/service areas, secure information systems, and fire detection, protection and alarm systems. Project will provide Intrusion Detection System (IDS) installation, Closed Circuit TV (CCTV) installation, and Utility Monitoring Control Systems (UMCS) connection. Project will provide Cyber Security engineering and Cyber Security validation. Building information systems and antiterrorism measures for this facility are unique in nature and are not included in the unit cost of the building. Supporting facilities include site development, utilities and connections, lighting, paving, walks, curbs and gutters, storm drainage, secure information systems, landscaping and signage. Heating and air conditioning will be provided by connection to the existing energy plant. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism standards for Buildings will be provided. Access for individuals with disabilities will be provided. Comprehensive building and furnishings related interior design services are required. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 1,403 kW/399 Tons).				

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Gordon Georgia			4. PROJECT TITLE Cyber Instructional Facility (Classrooms)		
5. PROGRAM ELEMENT 35251A		6. CATEGORY CODE 17136	7. PROJECT NUMBER 88726		8. PROJECT COST (\$000) Approp 163,000
11. REQ: 28,378 m2		ADQT: NONE		SUBSTD: 15,396 m2	
<p><u>PROJECT:</u> Construct a CYBER Instructional Facility (Classrooms) at Fort Gordon, Georgia. (New Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide the Cyber Center of Excellence (CoE) space for training and education requirements and classified operations. It supports the preparation of doctrine and training support publications, unified training and modernization efforts for cyberspace operations, electronic warfare, cyber electromagnetic activity, and cyber related signals intelligence.</p> <p><u>CURRENT SITUATION:</u> Currently training and operations for Cyber, Signal, and Electronic Warfare take place in buildings constructed 40 to 50 years ago. There is limited space available to meet classified requirements. These facilities have no access to the Cyber Weapons Systems via the Operational Network and Data Center which operate at the classified level. Adequate space is not available to support future training loads or to support programs of instruction changes driven by advances in technology. Most of these buildings have had minimal repair and maintenance efforts invested in them since they were built. Electrical and heating and ventilation systems within these facilities do not adequately serve the power and cooling demand to meet mission requirements resulting in frequent electrical failures and very high room temperatures</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Cyber CoE will be forced to cancel or seek to relocate the planned classified level technical training and operations portions of Cyber and Signal instruction; the availability of sufficient space for these activities in any other centralized location is questionable. This will further degrade and delay the mission readiness of the Cyber Mission Force (CMF), Cyber Protection, and National and Combat Mission Teams. The Army will continue to struggle to train and to develop cyber warriors to peak technological proficiency in obsolete and failed facilities, few of which meet classified level standards. The deficiencies that exist in the various building systems will hamper and, in some cases, prevent this learning process, consequently holding the Army back from reaching its goal of having the world's most technologically capable Cyber Operations workforce. The vulnerabilities in the nation's information systems, communication systems, and other critical infrastructure systems will continue to be exploited by both known and unknown enemies, and the technological and industrial advancements being made by both government agencies and private companies along with the unforeseen manipulation of these complex and complicated systems will continue to present valid threats.</p> <p><u>ADDITIONAL:</u> Utility connections are required to a privatized electric, water, wastewater and natural gas systems. The Army intends to have the electric, water, wastewater and natural gas Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Fort Gordon Georgia			4. PROJECT TITLE Cyber Instructional Facility (Classrooms)	
5. PROGRAM ELEMENT 35251A	6. CATEGORY CODE 17136	7. PROJECT NUMBER 88726	8. PROJECT COST (\$000) Approp 163,000	

ADDITIONAL: (CONTINUED)

practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	APR 2019
(b) Percent Complete as of January 2023.....	65.00
(c) Date 35% Designed.....	MAY 2020
(d) Date Design Complete.....	OCT 2023
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: YES	
(b) Where Design Was Most Recently Used:	
(c) Percentage of Design utilizing Standard Design ...	100

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

(a) Production of Plans and Specifications.....	9,272
(b) All Other Design Costs.....	2,318
(c) Total Design Cost.....	11,590
(d) Contract.....	9,272
(e) In-house.....	2,318

(4) Construction Contract Award..... FEB 2024

(5) Construction Start..... MAR 2024

(6) Construction Completion..... JUL 2027

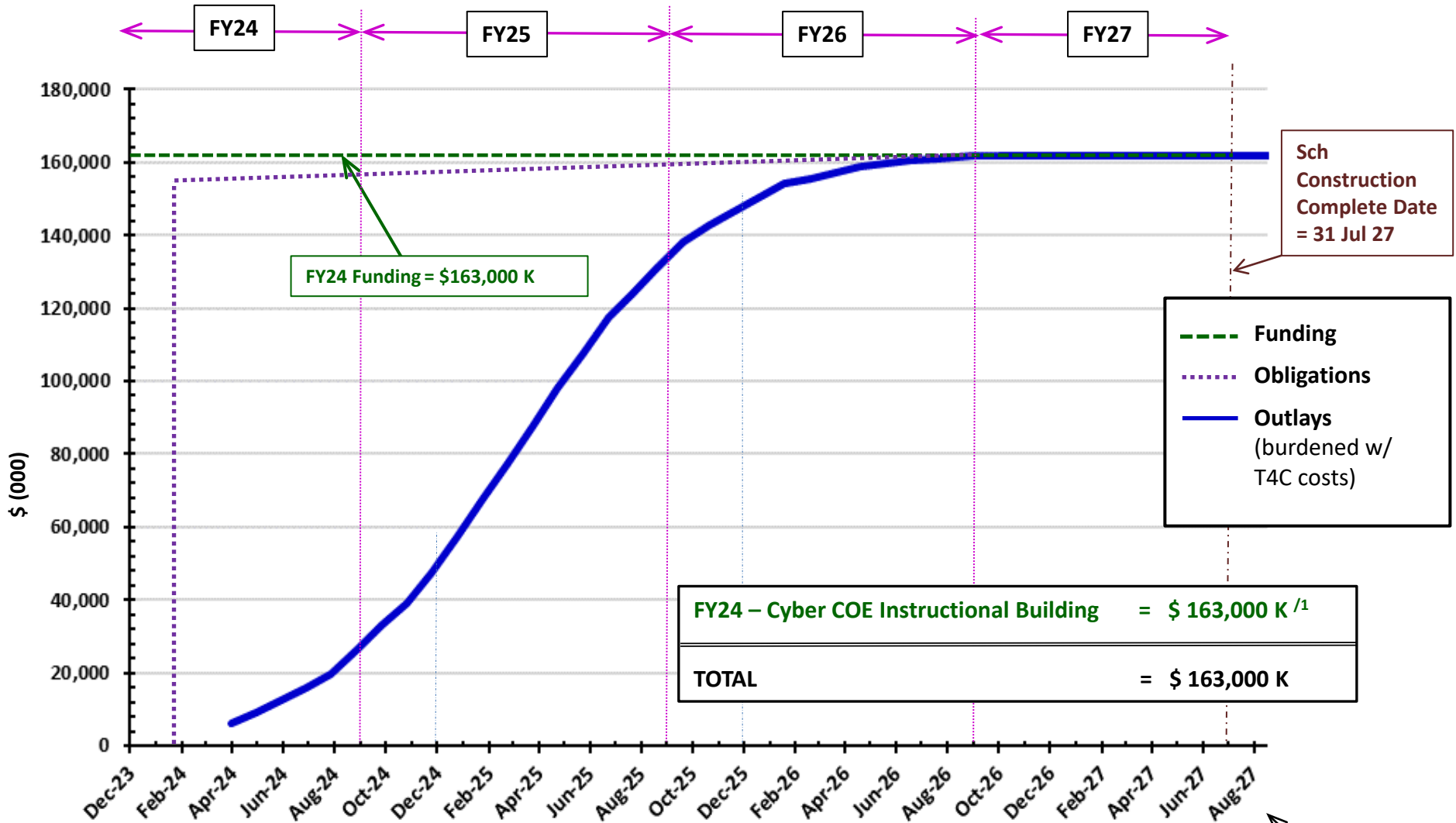
1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Gordon Georgia			Cyber Instructional Facility (Classrooms)		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
35251A		17136	88726	Approp 163,000	
12. SUPPLEMENTAL DATA (CONTINUED..)					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment <u>Nomenclature</u>		<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
IDS, CCTV, Security Equipment		OPA	2025	2,893	
Cyber Security Equipment		OPA	2025	4,795	
Info Sys - ISC		OPA	2025	1,072	
Info Sys - PROP		OPA	2025	57,330	
			Total	66,090	



Work In Progress (WIP) Curve – Fort Gordon, GA Cyber Center of Excellence (COE) Instructional Building

Full Authorization = \$163,000 K ^{/1} / Scheduled Award Date = **21 Feb 24**

As of: 2 March 2023



Note 1: Project submitted in Army's FY24 Budget at \$163,000 K

Dates on the X-Axis represent the end of the month

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Hawaii		Fort Shafter (USARPAC)				29
		Aliamanu Military Res				
	103966	Water Storage Tank	20,000	20,000	C	31
		Subtotal Fort Shafter Part I	\$ 20,000	20,000		
		* TOTAL MCA FOR Hawaii	\$ 20,000	20,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Fort Shafter Hawaii				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 2.30		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2022		2458	3626	5179	16	22	1	2474	3648	5180	22,604
B. END FY 2028		2523	3806	4127	17	16	1	2540	3822	4128	20,980

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	0 ha (0 AC)
B. INVENTORY TOTAL AS OF	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	740,438
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	20,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	760,438

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM (\$000)	START COMPLETE
84610	Water Storage Tank	1.00/EA(1.00/EA) 20,000	04/2023 06/2024
TOTAL		20,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 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:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Aliamanu Military Res Hawaii (Fort Shafter)				4. PROJECT TITLE Water Storage Tank		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 84610		7. PROJECT NUMBER 103966		8. PROJECT COST (\$000) Approp 20,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						8,503
84610 Water Storage Tank 500KGAL, Pot		EA	1 --		7842160	(7,842)
00000 Cybersecurity		LS	--		--	(661)
SUPPORTING FACILITIES						9,786
Electric Service		LS	--		--	(1,541)
Water, Sewer, Gas		LS	--		--	(1,434)
Paving, Walks, Curbs And Gutters		LS	--		--	(849)
Site Imp(5,962) Demo()		LS	--		--	(5,962)
ESTIMATED CONTRACT COST						18,289
CONTINGENCY (5.00%)						914
SUBTOTAL						19,203
SUPV, INSP & OVERHEAD (6.50%)						1,248
TOTAL REQUEST						20,451
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct one potable water above ground storage tank to achieve required supply pressure applicable to peak domestic demand and fire flow at Aliamanu Military Reservation. Primary facility requirements include one above ground water storage tank for Zone 3 (North Tank), water pump replacement, backup electrical power generator, cybersecurity, and Supervisory Control and Data Acquisition systems to tie-in to existing water supply system. The site is of basalt rock and topography with steep 65% slopes, requiring significant site preparatory work. Supporting facilities include cut and fill site work, retaining walls, an access road, erosion control, eight-inch waterline runs, security fencing, vehicle gate, maintenance vehicle parking, water line valves, [X and overhead protection for the control systems]. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.						
11. REQ: 3,596 L/d ADQT: 757 L/d SUBSTD: 2,839 L/d						
PROJECT: Construct above ground water storage tank, water pump, and generator to provide requisite pressures and flow for potable and fire suppression at Aliamanu Military Reservation. (Current Mission)						
REQUIREMENT: This project is required to increase storage capacity, water pressure, and flow to meet storage and distribution requirements set forth in UFC 3-230-01 and the recommendations of the Army Water Infrastructure Study for Aliamanu Military Reservation.						

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023																						
3. INSTALLATION AND LOCATION Aliamanu Military Res Hawaii (Fort Shafter)			4. PROJECT TITLE Water Storage Tank																							
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 84610	7. PROJECT NUMBER 103966	8. PROJECT COST (\$000) Approp 20,000																							
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p><u>CURRENT SITUATION:</u> Currently, there are deficiencies in the water storage and distribution systems at Aliamanu Military Reservation. The existing Army-owned water storage tanks have insufficient capacity to meet daily domestic water demand and fire flow requirements for existing family housing and community service functions at Aliamanu Military Reservation. Corroborating the existing situation is an Army Water Infrastructure Study for Aliamanu Military Reservation citing "inadequate pressure under existing average daily flow conditions, and under existing and future maximum daily flow conditions" for existing family housing and services.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Aliamanu Military Reservation will continue to operate with inadequate water storage and flow capacities with negative impacts to mission and life safety.</p> <p><u>ADDITIONAL:</u> This project is the most feasible option to correct and resolve the unsatisfactory condition. 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. This project is not within a 100-year floodplain in accordance with Executive Order 11988. Sustainable design principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the 2017 Army Sustainable Design and Development Policy, and comply with Executive Order 13423 and other applicable laws and executive orders. 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.</p>																										
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-top: 1px solid black;">APR 2023</td> </tr> <tr> <td>(b) Percent Complete as of January 2023.....</td> <td style="text-align: right; border-top: 1px solid black;">0.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right; border-top: 1px solid black;">MAR 2024</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right; border-top: 1px solid black;">JUN 2024</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs..</td> <td style="text-align: right; border-top: 1px solid black;">NO</td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-bid-build</td> </tr> </table> <p style="margin-top: 20px;">(2) Basis:</p> <p style="margin-left: 20px;">(a) Standard or Definitive Design: NO</p> <p style="margin-top: 20px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">1,170</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">292</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black;">1,462</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;">1,170</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black;">292</td> </tr> </table> </div>					(a) Date Design Started.....	APR 2023	(b) Percent Complete as of January 2023.....	0.00	(c) Date 35% Designed.....	MAR 2024	(d) Date Design Complete.....	JUN 2024	(e) Parametric Cost Estimating Used to Develop Costs..	NO	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	1,170	(b) All Other Design Costs.....	292	(c) Total Design Cost.....	1,462	(d) Contract.....	1,170	(e) In-house.....	292
(a) Date Design Started.....	APR 2023																									
(b) Percent Complete as of January 2023.....	0.00																									
(c) Date 35% Designed.....	MAR 2024																									
(d) Date Design Complete.....	JUN 2024																									
(e) Parametric Cost Estimating Used to Develop Costs..	NO																									
(f) Type of Design Contract: Design-bid-build																										
(a) Production of Plans and Specifications.....	1,170																									
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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023														
3. INSTALLATION AND LOCATION Aliamanu Military Res Hawaii (Fort Shafter)			4. PROJECT TITLE Water Storage Tank															
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 84610	7. PROJECT NUMBER 103966	8. PROJECT COST (\$000) Approp 20,000															
12. SUPPLEMENTAL DATA (CONTINUED..)																		
<p>A. Estimated Design Data: (CONTINUED..)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(4) Construction Contract Award.....</td> <td style="width: 20%; text-align: right;">SEP 2024</td> </tr> <tr> <td>(5) Construction Start.....</td> <td style="text-align: right;">OCT 2024</td> </tr> <tr> <td>(6) Construction Completion.....</td> <td style="text-align: right;">DEC 2025</td> </tr> </table> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: center;"><u>Procuring Appropriation</u></th> <th style="text-align: center;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">NONE</td> <td></td> <td></td> </tr> </tbody> </table>					(4) Construction Contract Award.....	SEP 2024	(5) Construction Start.....	OCT 2024	(6) Construction Completion.....	DEC 2025	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>		NONE		
(4) Construction Contract Award.....	SEP 2024																	
(5) Construction Start.....	OCT 2024																	
(6) Construction Completion.....	DEC 2025																	
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>															
	NONE																	

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE ----
Kansas		Fort Riley (IMCOM)				37
	72687	Aircraft Maintenance Hangar	105,000	105,000	C	39
		Subtotal Fort Riley Part I	\$ 105,000	105,000		
		* TOTAL MCA FOR Kansas	\$ 105,000	105,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. COMMAND US Army Installation Management Command						5. AREA CONSTRUCTION COST INDEX 1.03	
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		1965	13195	2384	2	19	1	258	636	3625	22,085
B. END FY 2028		2063	13943	2386	2	19	1	255	636	3565	22,870

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	39,301 ha (97,115 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....	12,419,147
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,163,336
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	104,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	60,520
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	13,747,003

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT	PROJECT TITLE	SCOPE/UM	COST (\$000)	DESIGN STATUS
CODE				START COMPLETE
21110	Aircraft Maintenance Hangar	119,500.00/SF(11101.91/m2)	104,000	02/2019 07/2022
TOTAL			104,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2025 PROGRAM:		
17897	Automated Infantry Platoon Battle Course	8,700
13310	Air Traffic Control Tower	16,000
TOTAL		24,700
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A

10. MISSION OR MAJOR FUNCTIONS:

Provide the nation's Armed Forces with a sustaining base and a power projection platform, in support of National 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, and maintain/improve installation infrastructure.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Aircraft Maintenance Hangar		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 21110		7. PROJECT NUMBER 72687		8. PROJECT COST (\$000) Approp 105,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					80,554	
21110 Assault/Attack-Reconnaissance (A		m2 (SF)	11,102 (119,500)	6,395	(71,002)	
00000 Special Foundations		LS	--	--	(1,771)	
14179 ASIOE Covered Hardstand		m2 (SF)	185.81 (2,000)	2,511	(467)	
14179 AGSE Covered Storage		m2 (SF)	278.71 (3,000)	2,151	(599)	
21470 POL Storage Bldg - TEMF		m2 (SF)	18.58 (200)	6,792	(126)	
Total from Continuation page(s)					(6,589)	
SUPPORTING FACILITIES					13,460	
Electric Service		LS	--	--	(3,756)	
Water, Sewer, Gas		LS	--	--	(2,457)	
Paving, Walks, Curbs And Gutters		LS	--	--	(4,135)	
Storm Drainage		LS	--	--	(976)	
Site Imp(1,643) Demo()		LS	--	--	(1,643)	
Information Systems		LS	--	--	(402)	
Antiterrorism Measures		LS	--	--	(91)	
ESTIMATED CONTRACT COST					94,014	
CONTINGENCY (5.00%)					4,701	
SUBTOTAL					98,715	
SUPV, INSP & OVERHEAD (6.50%)					6,416	
TOTAL REQUEST					105,131	
TOTAL REQUEST (ROUNDED)					105,000	
INSTALLED EQT-OTHER APPROP					(1,423)	
10. Description of Proposed Construction Construct an Aircraft Maintenance Hangar for rotary wing aircraft. Work includes an Assault/Attack-Reconnaissance Battalion Hangar, associated maintenance shops, special foundations, administrative space, parts and tool storage, a hazardous waste storage facility, petroleum, oil, lubricants (POL) Storage building, Ground Support Equipment (GSE) enclosed storage building, covered hardstand, hangar access apron, aircraft washing apron with associated pavement, fire pump building, cyber security measures, building information systems, fire protection and alarm systems, antiterrorism measures, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Antiterrorism measures for this project 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, storm drainage, information systems, antiterrorism measures, landscaping and signage. Heating and air conditioning will be provided by self-contained systems. Utility connections are required for electric distribution, electric generation, natural gas, water, wastewater, central 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building						

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE	
Army						17 MAR 2023	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Riley Kansas				Aircraft Maintenance Hangar			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)		
22096A		21110	72687		Approp 105,000		
9. COST ESTIMATES (CONTINUED)							
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)							
21470 Hazardous Waste Storage Bldg - T		m2 (SF)	18.58 (200)		6,649	(124)	
11340 Hangar Access Apron, Paved		m2 (SY)	4,727 (5,653)		496.59	(2,347)	
11370 Aircraft Washing Apron, Paved		m2 (SY)	1,115 (1,333)		444.13	(495)	
00000 Cybersecurity		LS	--		--	(750)	
89120 Fire Pump Building		m2 (SF)	111.48 (1,200)		20,958	(2,336)	
Sustainability/Energy Measures		LS	--		--	(226)	
Antiterrorism Measures		LS	--		--	(27)	
00000 Post Construction Award Services		LS	--		--	(284)	
					Total	6,589	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)							
envelope and integrated building systems performance. Air Conditioning (Estimated 1,013 kW _r /288 Tons).							
11. REQ: 59,435 m2		ADQT: 29,863 m2		SUBSTD: 4,339 m2			
PROJECT: Construct an Aircraft Maintenance Hangar at Fort Riley, Kansas. (Current Mission)							
<p>REQUIREMENT: The project is required to provide modern aircraft maintenance facilities to support aviation units at Fort Riley. New construction of an aircraft maintenance hangar, hangar access apron, aircraft wash apron, and associated storage facilities is required to eliminate the unit's current deficit of space and fully support the aviation attack/reconnaissance squadron mission.</p> <p>CURRENT SITUATION: All existing aircraft maintenance facilities at Marshall Army Airfield on Fort Riley are fully utilized. For several years, the aviation units have used relocatable buildings and undersized dispersed facilities that are located at Marshall Army Airfield. Existing facilities do not provide adequate space or functionality to allow efficient and effective mission accomplishment.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, a shortfall of adequate aircraft maintenance space remains. Utilizing undersized facilities reduces operational readiness and increases the risk of injuries and accidents due to poor facility layout. The overall space shortfall and subsequent difficulty servicing equipment within their required timeframe threatens successful completion of the mission.</p> <p>ADDITIONAL: Utility connections are required to a privatized electric, water, wastewater and natural gas systems. The Army intends to have the electric, water, wastewater and natural gas Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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</p>							

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023																						
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Aircraft Maintenance Hangar																							
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 72687	8. PROJECT COST (\$000) Approp 105,000																							
<p>ADDITIONAL: (CONTINUED)</p> <p>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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>																										
<p>12. SUPPLEMENTAL DATA:</p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;">FEB 2019</td> </tr> <tr> <td>(b) Percent Complete as of January 2023.....</td> <td style="text-align: right;">100.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;">FEB 2020</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;">JUL 2022</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs..</td> <td style="text-align: right;">NO</td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-bid-build</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(2) Basis:</p> <p style="margin-left: 20px;">(a) Standard or Definitive Design: YES</p> <p style="margin-left: 20px;">(b) Where Design Was Most Recently Used:</p> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">7,453</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">7,453</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">5,962</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">1,491</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(4) Construction Contract Award..... FEB 2024</p> <p>(5) Construction Start..... MAR 2024</p> <p>(6) Construction Completion..... FEB 2026</p> </div>					(a) Date Design Started.....	FEB 2019	(b) Percent Complete as of January 2023.....	100.00	(c) Date 35% Designed.....	FEB 2020	(d) Date Design Complete.....	JUL 2022	(e) Parametric Cost Estimating Used to Develop Costs..	NO	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	0	(b) All Other Design Costs.....	7,453	(c) Total Design Cost.....	7,453	(d) Contract.....	5,962	(e) In-house.....	1,491
(a) Date Design Started.....	FEB 2019																									
(b) Percent Complete as of January 2023.....	100.00																									
(c) Date 35% Designed.....	FEB 2020																									
(d) Date Design Complete.....	JUL 2022																									
(e) Parametric Cost Estimating Used to Develop Costs..	NO																									
(f) Type of Design Contract: Design-bid-build																										
(a) Production of Plans and Specifications.....	0																									
(b) All Other Design Costs.....	7,453																									
(c) Total Design Cost.....	7,453																									
(d) Contract.....	5,962																									
(e) In-house.....	1,491																									

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Riley Kansas			Aircraft Maintenance Hangar		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
22096A		21110	72687	Approp 105,000	
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>	
Shop Equipment & Tool Storage		OPA	2025	258	
Unit Printers, Plotters, Monit		OPA	2025	93	
IDS Equipment		OPA	2025	39	
Info Sys - ISC		OPA	2025	1,033	
			Total	1,423	

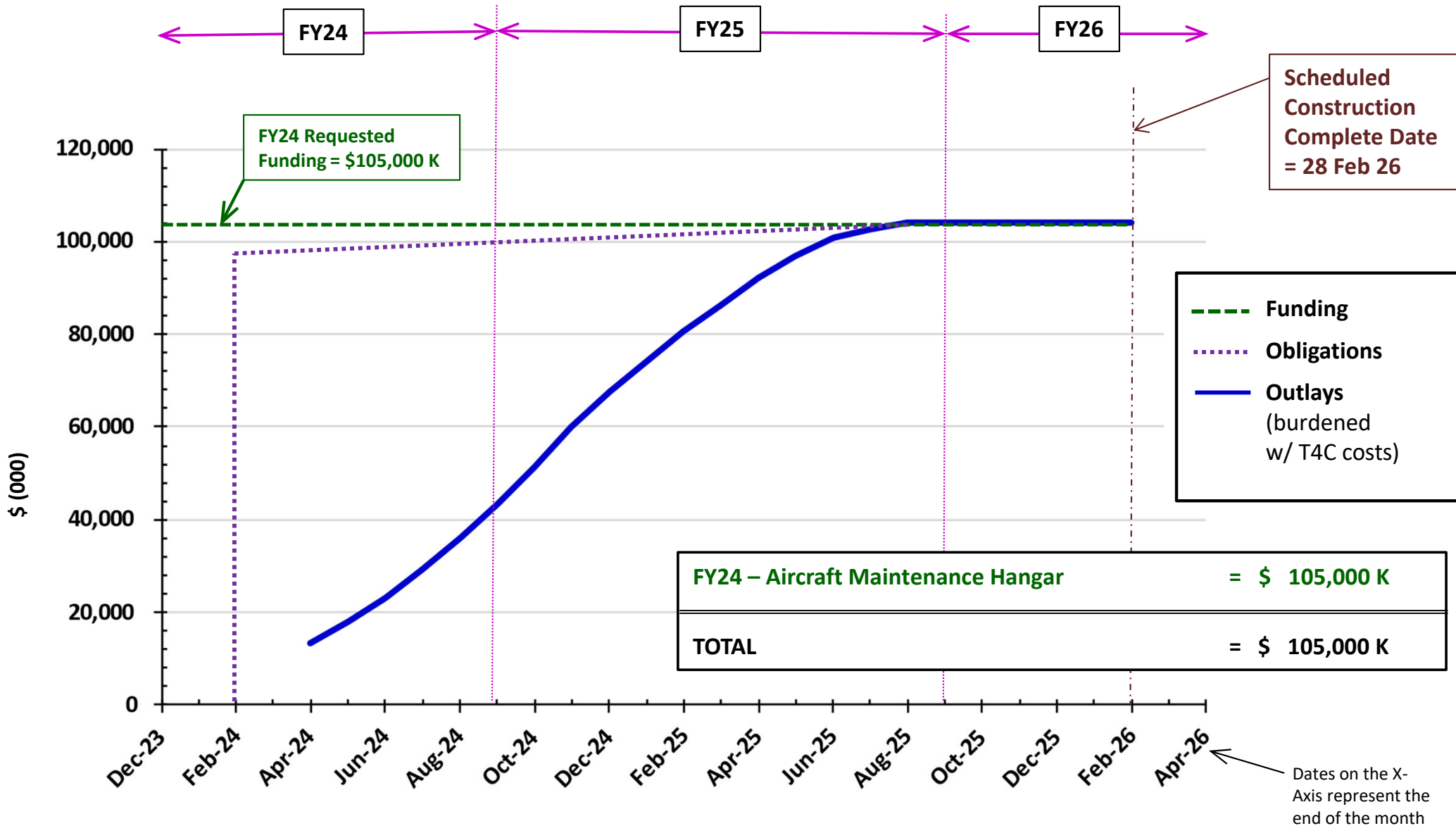


Work In Progress (WIP) Curve – Fort Riley

Aircraft Maintenance Hangar

Full Authorization = \$105,000 K¹ / Scheduled Award Date = **29 Feb 24**

As of: 2 March 2023



Note 1: Project submitted in Army's FY24 Budget at \$105,000 K

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Kentucky		Fort Campbell (IMCOM)				47
	96184	Multipurpose Training Range	38,000	38,000	N	49
		Subtotal Fort Campbell Part I	\$ 38,000	38,000		
		* TOTAL MCA FOR Kentucky	\$ 38,000	38,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Fort Campbell Kentucky				4. COMMAND US Army Installation Management Command						5. AREA CONSTRUCTION COST INDEX 0.91	
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		3827	23426	3005	36	314	0	119	369	5281	36,377
B. END FY 2028		3861	23805	3005	36	325	0	117	369	5236	36,754

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	44,343 ha	(109,573 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....		13,355,898
C. AUTHORIZATION NOT YET IN INVENTORY.....		1,755,327
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....		38,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....		10,600
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		15,159,825

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM (\$000)	START COMPLETE
17864	Multipurpose Training Range	1.00/LN(1.00/LN) 38,000	09/2021 09/2023
TOTAL		38,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 PROGRAM:			
17805	Automated Record Fire Range	10,600	
TOTAL		10,600	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A	

10. MISSION OR MAJOR FUNCTIONS:

Support and train an Airborne (Air Assault) Division, the 160th Special Operations Aviation Regiment, 5th Special Forces Group, and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Multipurpose Training Range	
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 17865	7. PROJECT NUMBER 96184	8. PROJECT COST (\$000) Approp 38,000	
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>				30,773
17865 Multipurpose Training Range	LN	1 --	27569110	(27,569)
17865 Armor ROCA	EA	1 --	253,049	(253)
17865 Staging and Bivouac Area	EA	1 --	199,436	(199)
17971 Control Tower - Non-Instrumented	EA	1 --	630,545	(631)
17123 After Action Review (AAR) Bld	m2 (SF)	165.00 (1,776)	4,189	(691)
Total from Continuation page(s)				(1,430)
<u>SUPPORTING FACILITIES</u>				2,837
Electric Service	LS	--	--	(2,376)
Site Imp(82) Demo()	LS	--	--	(82)
Information Systems	LS	--	--	(379)
ESTIMATED CONTRACT COST				33,610
CONTINGENCY (5.00%)				1,681
SUBTOTAL				35,291
SUPV, INSP & OVERHEAD (6.50%)				2,294
TOTAL REQUEST				37,585
TOTAL REQUEST (ROUNDED)				38,000
INSTALLED EQT-OTHER APPROP				(3,220)
10. Description of Proposed Construction Construct a standard design Multipurpose Training Range (MPTR). Primary facilities include the MPTR, downrange site preparation, range operations control area (ROCA), range control tower (non-instrumented), small after action review building, large operations/storage building, latrine, bleacher enclosure, covered mess, ammunition loading dock, bivouac area, unit staging area, and building information systems. Post Construction Award Services (PCAS) are included in this project. Supporting facilities include electric service; paving; storm drainage; site improvements; and information 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 32 kW/9 Tons).				
11. REQ:	1 EA	ADQT:	NONE	SUBSTD: NONE
PROJECT: Construct a Multipurpose Training Range (MPTR) at Fort Campbell, Kentucky. REQUIREMENT: The MPTR is used to train and test crews and dismounted infantry squads on the skills necessary to detect, identify, engage and defeat stationary infantry and stationary/moving armor targets in a tactical array. It will satisfy the training and qualification for mounted gunnery and mobile protective firepower section training and				

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Campbell Kentucky			Multipurpose Training Range		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22212A	17864	96184	Approp 38,000		
9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)					
75061 Covered Bleacher	EA	1 --	163,668	(164)	
17139 Covered Mess - Range	m2 (SF)	74.32 (800)	3,104	(231)
17865 Bore Site / Screening Area	EA	1 --	339,670	(340)	
73075 Latrine Pad	EA	1 --	124,780	(125)	
00000 Cybersecurity Measures	EA	1 --	250,000	(250)	
Sustainability/Energy Measures	LS	--	--	(19)	
00000 Post Construction Award Services	LS	--	--	(194)	
Building Information Systems	LS	--	--	(107)	
			Total	1,430	
REQUIREMENT: (CONTINUED)					
<p>qualification. This MPTR will support training requirements of the Army on mounted 7.62,.50 caliber, MK19, and next generation squad weapon.</p> <p><u>CURRENT SITUATION:</u> Fort Campbell was selected to receive the mobile protective firepower (MPF) in 2024 and currently has no facility to support mounted gunnery of any type. Units are currently required to travel to an off-post training location to train on mounted gunnery. Fort Campbell currently has a requirement for 1.55 MPTR's and has zero on hand. Current ranges cannot support the training requirement due to the number of mounted unit stations at Fort Campbell. Range requirements have increased drastically over the last 10 years due to changes in force structure.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided the lack of a MPTR will result in Fort Campbell being unable to support mounted gunnery of any type. This range is required in order to meet qualification and pre validation of deploying units. Without this range units have to travel to other locations to meet their training requirements costing training time and additional cost to the Army. The lack of an MPTR range directly impacts the throughput of Fort Campbell tenant and associated units. This has a direct impact on future funding of range operations and increases the cost to units that wish to qualify with these weapon systems. Soldiers will have to spend training time in transit to distant locations. The lack of sufficient training on the weapons systems utilized on an MPTR contributes to increased risk of Soldiers being unfamiliar with the operation of these platforms. This could lead to an increased chance of Soldier injury, damage to equipment, or failure in combat. Units that require this type of range must drive long distances to available, off-site range facilities which makes for increased risk of accidents while in transit to alternative ranges. Soldiers unfamiliar with their weapon systems will result in an increased incidence of malfunctions, equipment damage and degradation in employment when required. Finally, the increased travel distance to adequate range facilities off-site will increase the wear and tear of a unit's vehicles and ultimately increase the overall cost of training.</p> <p><u>ADDITIONAL:</u> Utility connections are required to a privatized electric, water, wastewater and natural gas systems. The Army intends to have the electric, water, wastewater and natural gas Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Multipurpose Training Range	
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 17864	7. PROJECT NUMBER 96184	8. PROJECT COST (\$000) Approp 38,000	
ADDITIONAL: (CONTINUED) 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Date Design Started.....				SEP 2021
(b) Percent Complete as of January 2023.....				50.00
(c) Date 35% Designed.....				JUL 2022
(d) Date Design Complete.....				SEP 2023
(e) Parametric Cost Estimating Used to Develop Costs..				NO
(f) Type of Design Contract: Design-bid-build				
(2) Basis:				
(a) Standard or Definitive Design: YES				
(b) Where Design Was Most Recently Used:				
(c) Percentage of Design utilizing Standard Design ...				100
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):				(\$000)
(a) Production of Plans and Specifications.....				0
(b) All Other Design Costs.....				2,689
(c) Total Design Cost.....				2,689
(d) Contract.....				2,151
(e) In-house.....				538
(4) Construction Contract Award.....				MAR 2024
(5) Construction Start.....				APR 2024
(6) Construction Completion.....				JUN 2027

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Campbell Kentucky			Multipurpose Training Range		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
22212A		17864	96184	Approp 38,000	
12. SUPPLEMENTAL DATA (CONTINUED..)					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment Nomenclature		Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	
Target System		OPA	2025	2,775	
Info Sys - ISC		OPA	2025	291	
Info Sys - PROP		OPA	2025	154	
			Total	3,220	

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Massachusetts		Soldier Systems Ctr (Natick) (IMCOM)				55
	88781	Barracks Addition	18,500	18,500	C	57
		Subtotal Soldier Systems Ctr (Natick) Part I	\$ 18,500	18,500		
		* TOTAL MCA FOR Massachusetts	\$ 18,500	18,500		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Soldier Systems Ctr (Natick) Massachusetts				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 1.30		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		32	54	962	0	0	0	0	32	590	1,670
B. END FY 2028		32	54	962	0	0	0	0	32	601	1,681

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	91 ha	(226 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....		553,139
C. AUTHORIZATION NOT YET IN INVENTORY.....		75,600
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....		14,600
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		643,339

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	(\$000)	START COMPLETE
72111	Barracks Addition	10,705.00/SF(994.53/m2)	14,600 03/2019
TOTAL		14,600	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 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:

The U.S. Army Soldiers Systems Center (SSC) is a military research complex and installation charged with the research and development (including fielding and sustainment) of food, clothing, shelters, airdrop systems, and other service member support items for the U.S. armed forces. The installation includes activities from all military services and provides for cooperation and collaboration across services as well as with academic, industrial, and other governmental agencies. The SSC includes research and development of materials (textiles, combat meals), advanced technologies and human performance under simulated environmental extremes (altitude, heat, cold, wind, etc.).

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Soldier Systems Ctr (Natick) Massachusetts			4. PROJECT TITLE Barracks Addition	
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 88781	8. PROJECT COST (\$000) Approp 18,500	
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>				14,166
72111 Barracks - Permanent Party (UEPH	m2 (SF)	994.53 (10,705)	12,962	(12,891)
00000 Cyber Security	LS	--	--	(743)
Sustainability/Energy Measures	LS	--	--	(268)
00000 Post Construction Award Services	LS	--	--	(122)
Building Information Systems	LS	--	--	(142)
<u>SUPPORTING FACILITIES</u>				2,287
Electric Service	LS	--	--	(138)
Water, Sewer, Gas	LS	--	--	(284)
Paving, Walks, Curbs And Gutters	LS	--	--	(72)
Storm Drainage	LS	--	--	(50)
Site Imp(109) Demo(572)	LS	--	--	(681)
Information Systems	LS	--	--	(26)
Other	LS	--	--	(1,036)
ESTIMATED CONTRACT COST				16,453
CONTINGENCY (5.00%)				823
SUBTOTAL				17,276
SUPV, INSP & OVERHEAD (6.50%)				1,123
TOTAL REQUEST				18,399
TOTAL REQUEST (ROUNDED)				18,500
INSTALLED EQT-OTHER APPROP				(0)
10. Description of Proposed Construction Construct a Barracks Addition and administrative facility to accommodate 16 Soldiers. Primary facilities include living and sleeping quarters, baths, administrative space, storage, service areas, information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Heating and air conditioning will be provided by self-contained system. Supporting facilities include site development, utilities and connections, lighting, paving, walks, retaining walls, storm drainage, information systems, landscaping and signage. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Demolish 1 building at Soldier System Center, MA (Total 1,053 m2/11,330 SF). Air Conditioning (Estimated 130 kW/37 Tons).				
11. REQ:	861 m2	ADQT:	NONE	SUBSTD: 355 m2
PROJECT: Construct a Barracks Addition at the Soldier System Center (Natick), Massachusetts. (Current Mission)				
REQUIREMENT: This project is required to provide adequate permanent party barracks and				

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Soldier Systems Ctr (Natick) Massachusetts			4. PROJECT TITLE Barracks Addition		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 88781	8. PROJECT COST (\$000) Approp 18,500		
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>administrative office space to support the Natick Soldier System Center's (NSSC) Soldiers. Housing these Soldiers on post in adequate facilities is required to ensure that the Soldier System Center can deliver world class research, development, systems engineering and services, with a unique human-centric focus. This project will construct 8 market style rooms for 16 personnel along with the administrative support space.</p> <p><u>CURRENT SITUATION:</u> Currently barracks building 15 is comprised of an east and south wing. It does not provide adequate living quarters, and administrative space to accommodate the assigned personnel or projected future manning levels. The south wing has exceeded its useful lifespan. It does not and cannot be modified to comply with Army barracks standards and will be demolished as part of this project. The south wing has exterior water infiltration, high humidity, lacks a central HVAC system and requires constant mold/mildew abatement. The building's lack of LAN connectivity limits NSSC's ability to retain efficient/effective personnel. The exterior stairwell is too narrow to allow emergency personnel to transport incapacitated personnel on stretchers. The current facility does not safely and adequately provide enough barracks space to accommodate assigned personnel and projected future assignments. The interior floor plan of the south wing does not meet the current Army Standards, which is a two Soldiers per bedroom, one bathroom configuration, identified as a 2/1 market style module for permanent party Soldiers. Barracks building 15 has inadequate spatial circulation which is too narrow to allow emergency personnel to transport incapacitated personnel on stretchers through hallways.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not constructed the Natick Army Soldier System Center and its units will continue to have inadequate facilities to adequately house Soldiers in support research, and testing, which negatively affect the Human Resource Volunteer Soldier and mission requirements. Barracks building 15 south wing will continue to deteriorate unless renovated or replaced forcing Soldiers to continue to live and work in unsafe and failing spaces, potentially exposing occupants to airborne mold and mildew.</p> <p><u>ADDITIONAL:</u> Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>					
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Soldier Systems Ctr (Natick) Massachusetts			4. PROJECT TITLE Barracks Addition	
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 88781	8. PROJECT COST (\$000) Approp 18,500	
12. SUPPLEMENTAL DATA (CONTINUED..)				
A. Estimated Design Data: (CONTINUED..)				
(a) Date Design Started.....			OCT 2020	
(b) Percent Complete as of January 2023.....			65.00	
(c) Date 35% Designed.....			JUL 2022	
(d) Date Design Complete.....			AUG 2023	
(e) Parametric Cost Estimating Used to Develop Costs..			YES	
(f) Type of Design Contract: Design-bid-build				
(g) An energy study and life cycle cost analysis will be documented during the final design.				
(2) Basis:				
(a) Standard or Definitive Design: NO				
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):			(\$000)	
(a) Production of Plans and Specifications.....			0	
(b) All Other Design Costs.....			1,329	
(c) Total Design Cost.....			1,329	
(d) Contract.....			1,036	
(e) In-house.....			293	
(4) Construction Contract Award.....			MAR 2024	
(5) Construction Start.....			MAR 2024	
(6) Construction Completion.....			SEP 2025	
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				

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Michigan		Detroit Arsenal (IMCOM)				63
	65526	Ground Transport Equipment Building	72,000	72,000	C	65
		Subtotal Detroit Arsenal Part I	\$ 72,000	72,000		
		* TOTAL MCA FOR Michigan	\$ 72,000	72,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Detroit Arsenal Michigan				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 1.05		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		138	72	5272	0	0	0	7	1	1962	7,452
B. END FY 2028		138	72	5254	0	0	0	7	1	1870	7,342

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	121 ha (298 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....	1,469,834
C. AUTHORIZATION NOT YET IN INVENTORY.....	53,100
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	71,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	24,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	1,617,934

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT	PROJECT TITLE	SCOPE/UM	COST (\$000)	DESIGN STATUS
CODE			(\$000)	START COMPLETE
31410	Ground Transport Equipment Building	31,745.00/SF(2949.21/m2)	71,000	09/2021 06/2023
TOTAL			71,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY	PROJECT TITLE	COST (\$000)
CODE		(\$000)
A. INCLUDED IN THE FY 2025 PROGRAM:		
31410	Manned/Unmanned Tactical Vehicle Lab	24,000
TOTAL		24,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for the worldwide sales and management activities of the USA Tank-Automotive Command and its associated research and development activities for tracked and wheeled vehicles. Develop, procure, distribute and support combat, tactical, special purpose, and construction vehicles, including related support items for Department of Defense users and friendly foreign governments. The arsenal also supports satellite activities at the Selfridge ANGB Housing Area and Pontiac Storage Facility.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Detroit Arsenal Michigan				4. PROJECT TITLE Ground Transport Equipment Building		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 31410		7. PROJECT NUMBER 65526		8. PROJECT COST (\$000) Approp 72,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						58,546
31410 Ground Transport Equip Bldg		m2 (SF)	2,949 (31,745)		16,297	(48,064)
85210 Organizational Vehicle Parking		m2 (SY)	3,273 (3,915)		209.86	(687)
84330 Fire Pump		EA	1 --		147,760	(148)
31410 Special Foundations		LS	--		--	(7,614)
00000 Cybersecurity Measures		LS	--		--	(750)
Total from Continuation page(s)						(1,283)
SUPPORTING FACILITIES						5,025
Electric Service		LS	--		--	(1,498)
Water, Sewer, Gas		LS	--		--	(164)
Paving, Walks, Curbs And Gutters		LS	--		--	(62)
Storm Drainage		LS	--		--	(217)
Site Imp(3,015) Demo()		LS	--		--	(3,015)
Information Systems		LS	--		--	(69)
ESTIMATED CONTRACT COST						63,571
CONTINGENCY (5.00%)						3,179
SUBTOTAL						66,750
SUPV, INSP & OVERHEAD (6.50%)						4,339
TOTAL REQUEST						71,089
TOTAL REQUEST (ROUNDED)						72,000
INSTALLED EQT-OTHER APPROP						(11,185)
10. Description of Proposed Construction Construct a Ground Transport Equipment Building. This facility is used for research, development, and testing of tank, automotive, and other ground transport equipment. This facility includes laboratory space containing research test beds, bridge cranes and support, control rooms and observation spaces, operations support space, administrative space, equipment and material storage, vehicle access areas, and a mechanical/hydraulic room. Primary facilities include the Ground Transport Equipment Building, Organizational Vehicle Parking, Fire Pump with enclosure, and special foundations including vibration-isolation seismic mass foundations and specialized equipment flooring. An Intrusion Detection System (IDS) connection, and Energy Monitoring Control Systems (EMCS) connection are included. Heating and cooling will be provided by self-contained systems. Supporting facilities include site development, utilities, lighting, paving, storm drainage, information systems, landscaping and signage. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 165 kW/47 Tons).						
11. REQ: 65,386 m2		ADQT: 29,033 m2		SUBSTD: 15,432 m2		

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Detroit Arsenal Michigan			Ground Transport Equipment Building		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
72896A	31410	65526	Approp 72,000		
9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)					
Sustainability/Energy Measures	LS	--	--	(954)	
00000 Post Construction Award Services	LS	--	--	(253)	
Building Information Systems	LS	--	--	(76)	
			Total	1,283	
PROJECT: Construct a Ground Transport Equipment Building at the Detroit Arsenal, Michigan (Current Mission).					
REQUIREMENT: This project is required to provide research and development (R&D) laboratory space to support the advanced tactical and combat system mission functions. This facility will contain advanced capabilities that directly address the assessment, evaluation, optimization, integration, and durability of reliability systems for both the current and future force combat vehicle fleet. Durability evaluation is necessary to validate the reliability of system-level integration programs in a timely manner that allows the warfighter to master the operation of new equipment and continue to engage the enemy with modern and safe combat vehicles.					
CURRENT SITUATION: The current Durability Test Lab is operating at peak capacity after years of supporting tactical vehicle reliability testing. In order to meet the new testing requirements that h priorities that support Army Modernization utilization of Advanced Manufacturing processes, and changes to the industry standards regarding Testing & Evaluation activities, it is vital that additional capability be created. Furthermore, the current Durability Test Lab facility is not equipped with the capabilities required to achieve the mission objectives of the evaluation and integration of advanced technologies into the current and future force combat vehicle fleet. The existing laboratory facility is fully utilized and offers limited capability and capacity expansion opportunity. The capability required to simulate the events currently seen in theatre with ground systems and their technologies as large and complex as those currently in the Army's combat vehicle fleet is not available elsewhere in academia or industry.					
IMPACT IF NOT PROVIDED: The Detroit Arsenal, Combat Capabilities Development Command (DEVCOM) Ground Vehicle Systems Center (GVSC) will continue to have difficulty in fully supporting the Army goal of providing superior combat vehicles to U.S. ground forces that are more readily deployable, agile, versatile, lethal, durable, survivable, reliable and sustainable. The ability to develop and rapidly transition technological innovations into usable systems for the modern battlefield will be limited without this laboratory. The continued limitation of existing facilities reduces the Army's ability to meet current mission objectives and to rapidly respond to changing mission requirements. System testing of a significant and broad range of conditions will remain unverified and integration and early detection of integration and system shortfalls will remain hidden until discovery in more expensive field testing or after equipment fielding where retrofitting and replacement is at maximum cost.					
ADDITIONAL: Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. This project has been coordinated with the installation physical security plan, and all					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023																						
3. INSTALLATION AND LOCATION Detroit Arsenal Michigan			4. PROJECT TITLE Ground Transport Equipment Building																							
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 31410	7. PROJECT NUMBER 65526	8. PROJECT COST (\$000) Approp 72,000																							
<p>ADDITIONAL: (CONTINUED)</p> <p>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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>																										
<p>12. SUPPLEMENTAL DATA:</p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-top: 1px solid black;">SEP 2021</td> </tr> <tr> <td>(b) Percent Complete as of January 2023.....</td> <td style="text-align: right; border-top: 1px solid black;">50.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right; border-top: 1px solid black;">JAN 2022</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right; border-top: 1px solid black;">JUN 2023</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs..</td> <td style="text-align: right; border-top: 1px solid black;">NO</td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-bid-build</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(2) Basis:</p> <p style="margin-left: 20px;">(a) Standard or Definitive Design: NO</p> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">5,058</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black;">5,058</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;">4,046</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black;">1,012</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(4) Construction Contract Award..... JAN 2024</p> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(5) Construction Start..... JAN 2024</p> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(6) Construction Completion..... SEP 2025</p> </div>					(a) Date Design Started.....	SEP 2021	(b) Percent Complete as of January 2023.....	50.00	(c) Date 35% Designed.....	JAN 2022	(d) Date Design Complete.....	JUN 2023	(e) Parametric Cost Estimating Used to Develop Costs..	NO	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	0	(b) All Other Design Costs.....	5,058	(c) Total Design Cost.....	5,058	(d) Contract.....	4,046	(e) In-house.....	1,012
(a) Date Design Started.....	SEP 2021																									
(b) Percent Complete as of January 2023.....	50.00																									
(c) Date 35% Designed.....	JAN 2022																									
(d) Date Design Complete.....	JUN 2023																									
(e) Parametric Cost Estimating Used to Develop Costs..	NO																									
(f) Type of Design Contract: Design-bid-build																										
(a) Production of Plans and Specifications.....	0																									
(b) All Other Design Costs.....	5,058																									
(c) Total Design Cost.....	5,058																									
(d) Contract.....	4,046																									
(e) In-house.....	1,012																									

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Detroit Arsenal Michigan			Ground Transport Equipment Building		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
72896A		31410	65526	Approp 72,000	
12. SUPPLEMENTAL DATA (CONTINUED..)					
B. Equipment associated with this project which will be provided from other appropriations:					
<u>Equipment Nomenclature</u>		<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
Furniture		OPA	2025	468	
Office equipment		OPA	2025	35	
Equip Spec Systems (IDS ACS)		OPA	2025	60	
Large ED Shaker -2		OPA	2024	2,100	
Large 6 DoF Shaker - 1		OPA	2026	4,000	
Large 6 DoF Shaker - 2		OPA	2026	4,000	
Large Environmental Chamber		OPA	2025	500	
Info Sys - ISC		OPA	2025	6	
Info Sys - PROP		OPA	2025	16	
			Total	11,185	

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
North Carolina		Fort Bragg (IMCOM)				71
	92062	Barracks	50,000	50,000	C	73
	99836	Automated Record Fire Range	19,500	19,500	C	76
	103069	Barracks (Facility Prototyping)	85,000	85,000	C	79
		Subtotal Fort Bragg Part I	\$ 154,500	154,500		
		* TOTAL MCA FOR North Carolina	\$ 154,500	154,500		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
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:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		8195	36605	6404	812	2916	106	510	2430	10861	68,839
B. END FY 2028		8252	37132	6425	814	2835	106	508	2429	10758	69,259

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	69,689 ha (172,204 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....	26,520,981
C. AUTHORIZATION NOT YET IN INVENTORY.....	2,590,001
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	154,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	111,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	29,375,982

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT	PROJECT TITLE	SCOPE/UM	COST (\$000)	DESIGN STATUS
CODE				START COMPLETE
72111	Barracks	75,706.00/SF(7033.31/m2)	50,000	09/2021 06/2023
17805	Automated Record Fire Range	16.00/FP(16.00/FP)	19,000	09/2021 08/2023
72111	Barracks	102,820.00/SF(9552.29/m2)	85,000	03/2023 03/2024
TOTAL			154,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2025 PROGRAM:		
17897	Infantry Platoon Battle Course	10,800
14111	Airfield Fire and Rescue Station	27,000
21110	Aircraft Maintenance Hangar	61,000
74017	Child Development Center	13,400
TOTAL		112,200
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.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 72111		7. PROJECT NUMBER 92062		8. PROJECT COST (\$000) Approp 50,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						40,360
72111 Barracks		m2 (SF)	7,033 (75,706)		5,491	(38,620)
00000 Cybersecurity		LS	--		--	(750)
Sustainability/Energy Measures		LS	--		--	(773)
00000 Post Construction Award Services		LS	--		--	(217)
SUPPORTING FACILITIES						2,547
Electric Service		LS	--		--	(362)
Water, Sewer, Gas		LS	--		--	(388)
Paving, Walks, Curbs And Gutters		LS	--		--	(351)
Storm Drainage		LS	--		--	(551)
Site Imp(658) Demo()		LS	--		--	(658)
Information Systems		LS	--		--	(237)
ESTIMATED CONTRACT COST						42,907
CONTINGENCY (5.00%)						2,145
SUBTOTAL						45,052
SUPV, INSP & OVERHEAD (6.50%)						2,928
DESIGN/BUILD-DESIGN COST (4.00%)						1,802
TOTAL REQUEST						49,782
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct Barracks to accommodate 146 Soldiers. Primary facilities include living and sleeping quarters, storage, service areas, information systems, fire protection and alarm systems, Physical Access Control Systems (PACS) installation, Energy Monitoring Control Systems (EMCS) connection and Post Construction Award Services (PCAS). Heating and air conditioning will be provided by a self-contained system for each living quarters unit along with a central system for common areas. Supporting facilities include site development, utilities and utility connections, exterior lighting, paving, sidewalks, curbs and gutters, storm drainage, landscaping, pedestrian crosswalks, and signage. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 879 kW/250 Tons).						
11. REQ: 15,900 PN		ADQT: 15,529 PN		SUBSTD: 371 PN		
PROJECT: Construct a Barracks at Fort Bragg, North Carolina. (Current Mission)						
REQUIREMENT: This project is required to provide adequate barracks space to support						

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023														
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks															
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 92062	8. PROJECT COST (\$000) Approp 50,000															
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>Soldiers at Patriot Point approximately 7 miles south of the main post of Ft Bragg.</p> <p><u>CURRENT SITUATION:</u> Currently USASOC Soldiers are residing in barracks located throughout the main post of Fort Bragg or forced to live off-Post housing and must commute to their duty location at the Patriot Point area daily. There is a current deficit of barracks spaces at Ft Bragg as the Army modernizes the existing inventory to the new standard. This project will partially resolve that deficit and move the Soldiers closer to their working environment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers at Fort Bragg will continue to inhabit substandard facilities that are scattered throughout Fort Bragg or off-Post. Soldiers will continue to occupy barracks that are not collocated with their units, which will create longer lead times before the Soldier can return to units for mission support, particularly if required during off hours. The lack of cohesive housing will continue to affect morale and unit cohesion, which negatively impacts command and control and limits the ability of soldiers to perform training activities.</p> <p><u>ADDITIONAL:</u> Utility connections are required to a privatized electric, water, wastewater and natural gas systems. The Army intends to have the electric, water, wastewater and natural gas Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>																		
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <p style="margin-left: 40px;">(1) Status:</p> <table style="margin-left: 80px; width: 80%;"> <tr> <td>(a) Date Design Started.....</td> <td style="text-align: right;">SEP 2021</td> </tr> <tr> <td>(b) Percent Complete as of January 2023.....</td> <td style="text-align: right;">50.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;">JUL 2022</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;">JUN 2023</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs..</td> <td style="text-align: right;">YES</td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-build</td> </tr> <tr> <td colspan="2">(g) An energy study and life cycle cost analysis will be documented during the final design.</td> </tr> </table>					(a) Date Design Started.....	SEP 2021	(b) Percent Complete as of January 2023.....	50.00	(c) Date 35% Designed.....	JUL 2022	(d) Date Design Complete.....	JUN 2023	(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.	
(a) Date Design Started.....	SEP 2021																	
(b) Percent Complete as of January 2023.....	50.00																	
(c) Date 35% Designed.....	JUL 2022																	
(d) Date Design Complete.....	JUN 2023																	
(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.																		

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks	
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 92062	8. PROJECT COST (\$000) Approp 50,000	
12. SUPPLEMENTAL DATA (CONTINUED..)				
A. Estimated Design Data: (CONTINUED..)				
(2) Basis:				
(a) Standard or Definitive Design: YES				
(b) Where Design Was Most Recently Used: Fort Hood				
(c) Percentage of Design utilizing Standard Design ...				100
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)				
(a) Production of Plans and Specifications.....				1,302
(b) All Other Design Costs.....				434
(c) Total Design Cost.....				1,736
(d) Contract.....				1,302
(e) In-house.....				434
(4) Construction Contract Award.....				MAY 2024
(5) Construction Start.....				JUN 2024
(6) Construction Completion.....				NOV 2025
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	
NA				
Installation Engineer: Phone Number: 910-643-6739				

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Automated Record Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 17805	7. PROJECT NUMBER 99836		8. PROJECT COST (\$000) Approp 19,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					16,228	
17805 Automated Record Fire Range		FP	16 --	787,709	(12,603)	
17805 Small Arms ROCA		EA	1 --	742,340	(742)	
17971 Control Tower		EA	1 --	880,501	(881)	
17122 Operations/Storage Bld		m2 (SF)	74.32 (800)	5,867	(436)	
17123 Range Classroom Building		m2 (SF)	74.32 (800)	6,710	(499)	
Total from Continuation page(s)					(1,067)	
SUPPORTING FACILITIES					1,030	
Electric Service		LS	--	--	(375)	
Site Imp(553) Demo()		LS	--	--	(553)	
Information Systems		LS	--	--	(102)	
ESTIMATED CONTRACT COST					17,258	
CONTINGENCY (5.00%)					863	
SUBTOTAL					18,121	
SUPV, INSP & OVERHEAD (6.50%)					1,178	
TOTAL REQUEST					19,299	
TOTAL REQUEST (ROUNDED)					19,500	
INSTALLED EQT-OTHER APPROP					(1,724)	
10. Description of Proposed Construction Construct a standard design Automated Record Fire Plus (ARF+) Range. Primary facilities include a 16-lane ARF+, small arms range operations control area (ROCA), control tower, range classroom building, operations/storage building, covered bleacher, latrine pads, covered mess, ammunition breakdown building, and building information systems. Post Construction Award Services (PCAS) are included in this project. Supporting facilities include electric service, site improvements, and information systems. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 32 kW/9 Tons).						
11. REQ:		1 EA	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct an Automated Record Fire Range at Fort Bragg, North Carolina. (Current Mission) REQUIREMENT: The ARF+ is required for training and day/night qualification requirements with rifles and carbines, and specifically the Next Generation Squad Weapon (NGSW) which has a much greater range and lethality. This range is used to train and test Soldiers on the skills necessary to identify, engage, and hit infantry targets. All targets are fully automated, and the event specific scenario is computer driven and scored from the range control tower.						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Automated Record Fire Range		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 17805		7. PROJECT NUMBER 99836		8. PROJECT COST (\$000) Approp 19,500
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)		QUANTITY		COST (\$000)
PRIMARY FACILITY (CONTINUED)						
75061 Covered Bleacher		EA		1 --		415,628 (416)
73075 Latrine Pad (4 Portables)		LS		--		-- (29)
17139 Covered Mess - Range		m2 (SF)		74.32 (800)		2,878 (214)
17122 Ammunition Breakdown Bldg		m2 (SF)		16.72 (180)		14,689 (246)
Sustainability/Energy Measures		LS		--		-- (36)
00000 Post Construction Award Services		LS		--		-- (126)
Total						1,067
<p><u>CURRENT SITUATION:</u> Ft. Bragg currently does not have an ARF+ that has the capability to provide qualification and training for the NGSW, which because of its increased range and lethality, will require targetry at greater ranges than a standard ARF, out to 600m, as well as a MIT requirement at various distances. The current ranges cannot support the training requirements due to the 600m distance and MIT requirement. This range is the qualification range for all rifle and carbine fire (5.56 & 7.62), and specifically for the NGSW. Range requirements have increased drastically over the last 10 years due to changes in force structure and specifically in this case for greater range and lethality of these weapons.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The lack of an ARF+ range will result in the Army being unable to address the training and qualification requirements for the NGSW specifically and greater lethality of all weapons generally. This range is required in order to meet qualification and pre validation of deploying units. Until this range is completed Soldiers using these weapons will continue to use other, lower throughput ranges at Fort Bragg such as the Multi-purpose Machine Gun Range and the Multi-purpose Range Complex. The lack of sufficient training on the weapons systems (NGSW specifically) utilized on an ARF+ range contributes to increased risk of Soldiers being unfamiliar with the operation of these weapons. This will lead to an increased chance of Soldier injury and damage to equipment. Soldiers unfamiliar with their weapon systems will result in an increased incidence of malfunctions and possible damage. The inability to reliably fire the Soldiers assigned weapon will also increase the risk that a maintenance issue is not addressed properly. Running a qualification event increases the confidence a Soldier has in their assigned weapon and may contribute to a Soldiers decision to stay in the Army as well as having a well-equipped range complex that can address all of a unit's needs.</p> <p><u>ADDITIONAL:</u> Utility connections are required to a privatized electric, water, wastewater and natural gas systems. The Army intends to have the electric, water, wastewater and natural gas Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p> <p>Alternative methods of meeting this requirement have 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and</p>						

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				17 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Fort Bragg North Carolina			Automated Record Fire Range	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
22212A	17805	99836	Approp	19,500
ADDITIONAL: (CONTINUED)				
Development Policy - complying with applicable laws and executive orders.				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Date Design Started.....				SEP 2021
(b) Percent Complete as of January 2023.....				35.00
(c) Date 35% Designed.....				JUL 2022
(d) Date Design Complete.....				AUG 2023
(e) Parametric Cost Estimating Used to Develop Costs..				NO
(f) Type of Design Contract: Design-bid-build				
(g) An energy study and life cycle cost analysis will be documented during the final design.				
(2) Basis:				
(a) Standard or Definitive Design: YES				
(b) Where Design Was Most Recently Used:				
(c) Percentage of Design utilizing Standard Design ...				95
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):				(\$000)
(a) Production of Plans and Specifications.....				0
(b) All Other Design Costs.....				1,365
(c) Total Design Cost.....				1,365
(d) Contract.....				1,092
(e) In-house.....				273
(4) Construction Contract Award.....				APR 2024
(5) Construction Start.....				MAY 2024
(6) Construction Completion.....				AUG 2025
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	
Targetry & Instrumentation	OPA	2025	1,707	
Info Sys - ISC	OPA	2025	17	
Total			1,724	

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Barracks (Facility Prototyping)		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 72111		7. PROJECT NUMBER 103069		8. PROJECT COST (\$000) Approp 85,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						70,303
72111 Barracks - Permanent Party (UEPH		m2 (SF)	7,189 (77,380)		9,423	(67,740)
00000 Cybersecurity Measures		LS	--		--	(750)
Sustainability/Energy Measures		LS	--		--	(1,548)
00000 Post Construction Award Services		LS	--		--	(265)
SUPPORTING FACILITIES						5,270
Electric Service		LS	--		--	(869)
Water, Sewer, Gas		LS	--		--	(260)
Paving, Walks, Curbs And Gutters		LS	--		--	(3,030)
Storm Drainage		LS	--		--	(424)
Site Imp(421) Demo(27)		LS	--		--	(448)
Information Systems		LS	--		--	(239)
ESTIMATED CONTRACT COST						75,573
CONTINGENCY (5.00%)						3,779
SUBTOTAL						79,352
SUPV, INSP & OVERHEAD (6.50%)						5,158
TOTAL REQUEST						84,510
TOTAL REQUEST (ROUNDED)						85,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a standard design, Permanent Party (PP) Unaccompanied Housing (UH), Junior Enlisted & Junior NCO facility. The facility will provide spaces for 146 PN. Each dwelling unit will consist of sleeping rooms with walk-in closets, bathroom with adjacent vanity room, a common kitchen and living area. Common areas include a dayroom, entry lobby with visitors waiting area, Charge of Quarters (CQ) station, fitness room, vending area, laundry rooms, mechanical, electrical and communications spaces, an elevator, corridors, stairwells, janitors' closet, storage, and a boot wash and TA-50 equipment cleaning area. Access for individuals with disabilities will be provided. Fire Life Safety (FLS) systems, Utility Control Systems (UCS), Electronic Security Systems (ESS) and Utility Monitoring Control Systems (UMCS) are also included. Supporting facilities include utilities, storm drainage, paving, walks, curbs and gutters, parking, landscaping and site improvements. Project will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency and eliminating carbon emissions. Comprehensive interior design and furnishings are required. Heating and air conditioning will be provided by a central system for shared areas and self-contained units for individual living quarters. Project will be carried out as a prototype project pursuant to the authority in Sec. 4022, Title 10 United States Code notwithstanding subchapters I and III of chapter 169 of Title 10 United States Code, and chapter 11 of Title 40, United Staes Code. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks (Facility Prototyping)		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 103069	8. PROJECT COST (\$000) Approp 85,000		
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) integrated building systems performance. Air Conditioning (Estimated 879 kW/250 Tons).					
11. REQ: 16,755 PN ADQT: 14,057 PN SUBSTD: 2,698 PN					
<p><u>PROJECT:</u> Construct a standard design, Permanent Party (PP) Unaccompanied Housing (UH), Junior Enlisted & Junior NCO facility. (Current Mission)</p> <p><u>REQUIREMENT:</u> The installation is running a large deficit in UEPH which is having a negative impact on mission readiness. A requirements analysis was conducted to determine the deficit in the category code based on assets data, the approved criteria, and the supported force structure. The analysis identified a shortfall of 2,698 PN. Scheduled demolition projects not yet reflected in the assets data and conversion edits not yet reflected in the Real Property Planning and Analysis System (RPLANS) will increase the deficit to 3,903 PN. New barracks are required to provide the spaces necessary to meet the deficit in the requirement, meet the current Army standards for Enlisted Unaccompanied Housing (EUPH), reduce the impact to mission readiness and, allow the installation to divest themselves of older substandard facilities that have gone well beyond their intended lifecycles to improve the quality of life for the permanent party unaccompanied enlisted service members assigned to this duty station.</p> <p><u>CURRENT SITUATION:</u> The installation is running a deficit in enlisted unaccompanied personnel housing and not meeting the requirement for providing adequate housing for its unaccompanied junior enlisted and NCO populations. Junior NCOs (E5) are being provided with Certificates of Non-Availability to reside off of the installation or to move into privatized leased facilities on the base to alleviate some of the demand, but it is not enough. The options for housing them are dwindling both on base and on the local economy due to high demand which is requiring them to travel further distances to find housing increasing their commute times putting an undue burden on the service member and having a negative impact on mission readiness. Several existing buildings have reached the end of their intended lifecycles and are being demolished while others are being renovated but, in the process, they are losing capacity as the interiors are reconfigured to meet the current standards. Required corrections to the real property inventory have converted facilities which were miscategorized from permanent party unaccompanied housing to collective training unaccompanied housing which further increases the deficit in permanent party facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, It will continue to negatively impact the mission readiness of the units and severely impact the installation's ability to perform its power projection mission. The situation will continue to decay as stationing actions bring more unaccompanied enlisted service members to this duty station. Soldiers will continue to inhabit substandard facilities that are scattered throughout the installation and junior NCOs will continue to seek out leased assets on the economy amid an ever dwindling inventory of available assets forcing them to seek accommodations further from their duty station creating an unnecessary financial burden on the service member.</p> <p><u>ADDITIONAL:</u> This building is being designed as a Carbon Net Zero facility that is optimized for efficiency through application of bioclimatic architecture techniques, onsite renewable energy sources, use of efficient equipment and lighting, energy efficient doors and windows and a well-designed building envelope. Percentage for</p>					

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Bragg North Carolina			Barracks (Facility Prototyping)		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER		8. PROJECT COST (\$000)
22096A		72111	103069		Approp 85,000
ADDITIONAL: (CONTINUED)					
sustainability measures is higher due to requirements beyond typical application for the facility type.					
<p>Utility connections are required to a privatized electric distribution, electric generation, natural gas and water system(s). The Army intends to have the Sandhill Utility, Piedmont Natural Gas and American States Utility Services Inc. make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p> <p>During the past two years, 34,900,000 has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project and other projects approved through FY 2023, the remaining unaccompanied enlisted permanent party deficit is 2698 personnel at this installation.</p>					
12. SUPPLEMENTAL DATA:					
A. Estimated Design Data:					
(1) Status:					
(a) Date Design Started.....					MAR 2023
(b) Percent Complete as of January 2023.....					0.00
(c) Date 35% Designed.....					DEC 2023
(d) Date Design Complete.....					MAR 2024
(e) Parametric Cost Estimating Used to Develop Costs..					NO
(f) Type of Design Contract: Other					
Other Transactional Authority					
(g) An energy study and life cycle cost analysis will be documented during the final design.					
(2) Basis:					
(a) Standard or Definitive Design: NO					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023																																
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks (Facility Prototyping)																																	
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12. SUPPLEMENTAL DATA (CONTINUED..)																																				
<p>A. Estimated Design Data: (CONTINUED..)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):</td> <td style="width: 20%; text-align: right;">(\$000)</td> </tr> <tr> <td> (a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td> (b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td> (c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td> (d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td> (e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> <tr> <td>(4) Construction Contract Award.....</td> <td style="text-align: right; border-top: 1px solid black;">SEP 2024</td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> <tr> <td>(5) Construction Start.....</td> <td style="text-align: right; border-top: 1px solid black;">OCT 2024</td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> <tr> <td>(6) Construction Completion.....</td> <td style="text-align: right; border-top: 1px solid black;">DEC 2027</td> </tr> </table> <p style="margin-top: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left; width: 35%;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left; width: 20%;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left; width: 25%;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left; width: 20%;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; height: 100px; vertical-align: middle;">NA</td> </tr> </tbody> </table>					(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)	(a) Production of Plans and Specifications.....	0	(b) All Other Design Costs.....	0	(c) Total Design Cost.....	0	(d) Contract.....	0	(e) In-house.....	0			(4) Construction Contract Award.....	SEP 2024			(5) Construction Start.....	OCT 2024			(6) Construction Completion.....	DEC 2027	<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			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)																																			
(a) Production of Plans and Specifications.....	0																																			
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<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																																				

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Pennsylvania		Letterkenny Army Depot (AMC)				85
	66632	Guided Missile Maintenance Building	89,000	89,000	C	87
		Subtotal Letterkenny Army Depot Part I	\$ 89,000	89,000		
		* TOTAL MCA FOR Pennsylvania	\$ 89,000	89,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Letterkenny Army Depot Pennsylvania				4. COMMAND US Army Materiel Command						5. AREA CONSTRUCTION COST INDEX 1.04	
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		36	431	1849	0	0	0	42	121	1339	3,818
B. END FY 2028		36	431	1849	0	0	0	42	121	1295	3,774

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	7,407 ha	(18,302 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....		2,998,365
C. AUTHORIZATION NOT YET IN INVENTORY.....		99,337
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....		88,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....		32,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		3,217,702

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM	(\$000) START COMPLETE
21210	Guided Missile Maintenance Building	42,035.00/SF(3905.18/m2)	88,000 07/2020 08/2023
TOTAL			88,000

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 PROGRAM:			
14133	Missile/Munitions Distribution Facility	32,000	
TOTAL			32,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE			
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			N/A

10. MISSION OR MAJOR FUNCTIONS:

Letterkenny's mission is twofold, maintenance and supply. Letterkenny is the premier Department of Defense Center of Industrial and Technical Excellence for maintenance and rebuild of Air Defense and Tactical Missile Ground Support Equipment, Mobile Electric Power Generation Equipment, Phased Array Tracking Radar Intercept of Target (PATRIOT) Missile Recertification, and Route Clearance Vehicle (RCV). The depot also has a significant supply mission which includes the receipt, storage, care and preservation, packaging, and issue of general supplies, as well as the management of depot operating supplies and equipment. Letterkenny Munitions Center performs maintenance, receipt/issue, inspection, storage, test and repair of all variants for the Multiple Launch Rocket System (MLRS), Family of Munitions (MFOM), Army Tactical Missile System, and Guided Multiple Launch Rocket System.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Letterkenny Army Depot Pennsylvania				4. PROJECT TITLE Guided Missile Maintenance Building		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 21210		7. PROJECT NUMBER 66632		8. PROJECT COST (\$000) Approp 89,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						58,743
21210 Guided Missile Maintenance Build		m2 (SF)	3,905 (42,035)		8,293	(32,387)
00000 Special Foundations		LS	--		--	(296)
21210 Renovate Bldg. 5300		EA	1 --		25,444	(25)
44224 Organizational Storage Bldg		m2 (SF)	3,059 (32,929)		3,032	(9,276)
21850 Battery Shop (Forklift Charge St		m2 (SF)	65.03 (700)		7,936	(516)
Total from Continuation page(s)						(16,243)
SUPPORTING FACILITIES						20,520
Electric Service		LS	--		--	(3,690)
Water, Sewer, Gas		LS	--		--	(2,171)
Paving, Walks, Curbs And Gutters		LS	--		--	(2,561)
Storm Drainage		LS	--		--	(2,453)
Site Imp(8,370) Demo(924)		LS	--		--	(9,294)
Information Systems		LS	--		--	(201)
Antiterrorism Measures		LS	--		--	(150)
ESTIMATED CONTRACT COST						79,263
CONTINGENCY (5.00%)						3,963
SUBTOTAL						83,226
SUPV, INSP & OVERHEAD (6.50%)						5,410
TOTAL REQUEST						88,636
TOTAL REQUEST (ROUNDED)						89,000
INSTALLED EQT-OTHER APPROP						(3,440)
10. Description of Proposed Construction Construct a Guided Missile Maintenance Building. The facility will include missile test cells with blast protection, lightning protection system and complete internal and external grounding, extensive mechanical systems to regulate constant temperature and humidity levels, structural criteria for open storage of classified materials for the entire facility, hazardous material storage, paint booth, covered ammunition storage area, offices, break room, restrooms, parts storage areas, and operating bays. An interior bridge crane is required. Primary facilities include renovation of Building 5300, construction of an organizational storage building, battery shop with forklift charging stations, standard design Access Control Point/Facility (ACP) to include ACP pavements and barriers, ACP redundant power, special foundations, Intrusion Detection Systems (IDS) installation, Energy Monitoring and Control Systems (EMCS) connections, antiterrorism measures and building information systems. Supporting facilities include site development, utilities and off-site utility connections, fire protection and alarm systems, lighting, paving, parking, walks, curbs, and gutters, site clearing and grading, storm drainage, information systems, landscaping, and signage. Building information systems for this project are unique in nature and not included in the unit cost of the building. Heating and air conditioning will be provided by self-contained systems. The standard design ACP will include a Visitor Control Center, Combined Search Office/Gatehouse, Overwatch, Mail Processing Center with loading dock, inspection canopies, guard booths, roadways, parking, lighting, traffic control signals, passive and active vehicle barriers with comprehensive control systems, information						

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Letterkenny Army Depot Pennsylvania			Guided Missile Maintenance Building		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
72896A	21210	66632	Approp 89,000		
9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)					
00000 Cybersecurity Measures	EA	1 --	1500000	(1,500)	
14113 Access Control Facility	EA	1 --	4803299	(4,803)	
85110 ACP Pavements and Barriers	ha (AC)	.40 (1)21696943	(8,679)	
81160 ACP Redundant Power	EA	1 --	205,860	(206)	
Sustainability/Energy Measures	LS	--	--	(582)	
00000 Post Construction Award Services	LS	--	--	(269)	
Building Information Systems	LS	--	--	(204)	
			Total	16,243	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)					
<p>systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, Electronic Security System (ESS) installation, duress alarm, closed circuit television (CCTV), and Energy Monitoring Control Systems (EMCS) connection. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 341 kW/97 Tons).</p>					
11. REQ:	55,202 m2	ADQT:	37,408 m2	SUBSTD:	NONE
<p>PROJECT: Construct a Guided Missile Maintenance Building at Letterkenny Army Depot, Pennsylvania. (Current Mission)</p> <p>REQUIREMENT: This project is required to support the Letterkenny Munitions Center (LEMC) guided missile maintenance mission and the associated Access Control Point (ACP) servicing this facility and the installation. Missile maintenance operations for Compatibility Group E (artillery, ammunition, rockets or guided missiles) and J (liquid or gel-filled incendiary ammunition, fuel-air explosives devices, flammable liquid-fueled missiles, and torpedoes) missile variants, with space supporting missile delivery, storage, disassembly/assembly, and inspection for missile system periodic recertification requirements. LEMC capabilities include demilitarization, resource recovery and reutilization for missiles and missile components, shipping container repair, missile container repair, and renovation of conventional munitions. The following missile platforms will be supported by this project for LEMC as the sole source provider for Air Force Sidewinder and Launcher maintenance; sole source provider for Air Force and Navy High-Speed Anti-Radiation Missile, Advanced Anti-Radiation Guided Missile, and High-Speed Anti-Radiation Missile Control Section Modification missile maintenance; and is currently the sole source provider for Air Force Advanced Infrared Missile (AIM-9X) missile maintenance with the potential to be maintenance provider for the U.S. Navy variant in the future. A new facility dedicated solely for the Compatibility Group E missile maintenance mission is required to minimize disruptions in missile maintenance operations</p>					

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Letterkenny Army Depot Pennsylvania			4. PROJECT TITLE Guided Missile Maintenance Building		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 21210	7. PROJECT NUMBER 66632	8. PROJECT COST (\$000) Approp 89,000		
<p><u>REQUIREMENT: (CONTINUED)</u> and ensure the fewest number of maintenance operators are exposed to the least amount of risk.</p> <p><u>CURRENT SITUATION:</u> Currently nine facilities are used for this mission. The Letterkenny Munitions Center currently utilizes 4 facilities for the explosive components guided missile maintenance mission. The primary guided missile maintenance function for missiles in Compatibility Groups E and J are currently housed in buildings 5300 and 5311. LEMC processes and stores on an annual basis an inventory of 3,826 missiles/systems. Building 5300 is a high bay brick and clay tile facility used for guided missile maintenance and will be renovated as part of this project. This facility is currently used to process 2 incompatible missile types: Group E and J. Building 5311 is a high bay brick and clay tile facility which currently serves as the primary missile maintenance facility for LEMC Compatibility Group E missile variants. The facility is WWII construction and originally designed to serve as Small Arms Ammunition Storage. The maintenance bays are separated by concrete walls limiting maneuverability and usable worker space. The space configuration creates an inefficient workflow for missile maintenance. The narrow aisles within the facility create movement & industrial traffic hazards for maintenance carts. Currently only 1 restroom exists with no female latrines. The locker room is undersized and collocated within the air handling room. The storage space is severely impacted by the facility's original configuration. The limited number and arrangement of storage areas disrupt workflow patterns because of physical distance from the appropriate staging and maintenance areas. Building 3810 supports the Multiple Launch Rocket System family of munitions, Army Tactical Missile System sustainment and maintenance, guided missile surface attack, and High Mobility Artillery Rocket System while Building 5647 supports the Low Cost Reduced Range Practice Rocket missile maintenance. Neither facility is available for Compatibility Group E guided missile maintenance. The existing primary ACP is the California Avenue Gate. As the Primary ACP for commercial/civilian traffic, it has a deficient access control zone creating significant congestion onto the adjacent State road. During raised threat levels, the condition is exacerbated and has detrimental impacts to installations capability to complete the mission. Additionally, the existing mail processing center is collocated with other agencies in a sub-standard facility outside the controlled perimeter. Operating in a facility that does not meet Army Standards creates an unsafe condition for employees and other facility users.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this facility is not constructed, the DoD will lose an opportunity to achieve savings in productivity attained through the efficiencies provided by a facility dedicated solely for the Compatibility Group E missile maintenance mission. Without this project LEMC will remain out of compliance with Ammunition and Explosives Safety Standards since that these compatibility types (E and J) cannot be collocated due to their explosive components. Without a dedicated facility for Compatibility Group E it will not be possible to consolidate missile maintenance operations and ensure the fewest number of maintenance operators are exposed to the least amount of risk. As the number and variety of missile systems assigned to the depot for maintenance continues to increase, major improvements and repair projects will be required to keep aging facilities in operational condition to house these missions. The ability for LEMC to support future missile systems is jeopardized without the expanded capabilities of this project. For the ACP, incoming trucks are currently directed to the Wisconsin Gate (located outside the fence) where their need for access is verified by Security personnel. Drivers are processed outside the secure area, released to the main gate, and</p>					

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				17 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Letterkenny Army Depot Pennsylvania			Guided Missile Maintenance Building	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
72896A	21210	66632	Approp	89,000
IMPACT IF NOT PROVIDED: (CONTINUED)				
<p>then permitted access to the installation; they pass uncontrolled over a short distance. The primary ACP at California Ave will remain out of compliance with Antiterrorism/Force Protection (AT/FP) standards leaving Letterkenny vulnerable to attack, (i.e., vehicle borne Improvised Explosive Device (IED), truck borne IED, and home-grown threat). Unauthorized entry poses a threat to the security of the installation and to national security. Mail processing operations will be maintained in a standalone facility outside of LEAD's controlled perimeter. Further, receipt and processing of equipment, parts and components will continue in an exposed, high-safety-risk environment, competing with the elements and congested operating conditions.</p> <p><u>ADDITIONAL:</u> Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Date Design Started.....				JUL 2020
(b) Percent Complete as of January 2023.....				35.00
(c) Date 35% Designed.....				JUL 2021
(d) Date Design Complete.....				AUG 2023
(e) Parametric Cost Estimating Used to Develop Costs..				NO
(f) Type of Design Contract: Design-bid-build				
(g) An energy study and life cycle cost analysis will be documented during the final design.				
(2) Basis:				
(a) Standard or Definitive Design: NO				
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):				(\$000)
(a) Production of Plans and Specifications.....				0
(b) All Other Design Costs.....				6,300
(c) Total Design Cost.....				6,300
(d) Contract.....				5,040
(e) In-house.....				1,260

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				17 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Letterkenny Army Depot Pennsylvania			Guided Missile Maintenance Building	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
72896A	21210	66632	Approp	89,000
12. SUPPLEMENTAL DATA (CONTINUED..)				
A. Estimated Design Data: (CONTINUED..)				
(4) Construction Contract Award.....				MAR 2024
(5) Construction Start.....				MAR 2024
(6) Construction Completion.....				MAR 2026
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>	
Operational Equipment/Furnishi	AWCF	2024	2,320	
Paint Booth	AWCF	2024	635	
Relocate Existing Equipment (J	AWCF	2024	117	
Operational Equipment & Furnis	AWCF	2024	55	
ESS-IDS (JMMF)	OPA	2024	101	
ESS-IDS/Duress (ACP)	OPA	2024	20	
Equipment - UPS (ACP)	OPA	2024	45	
Info Sys - ISC	OPA	2025	27	
Info Sys - PROP	OPA	2025	120	
Total			3,440	

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Texas		Fort Bliss (IMCOM)				95
	61298	Rail Yard	74,000	74,000	C	97
		Subtotal Fort Bliss Part I	\$ 74,000	74,000		
		Red River Army Depot (AMC)				
	82307	Component Rebuild Shop	113,000	113,000	C	101
		Subtotal Red River Army Depot Part I	\$ 113,000	113,000		
		* TOTAL MCA FOR Texas	\$ 187,000	187,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023		
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 0.95	
6. PERSONNEL STRENGTH:	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021	4025	23331	3498	141	1553	4	2275	5897	8185	48,909
B. END FY 2028	4079	23917	3498	141	1541	4	2271	5897	7888	49,236

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	532,371 ha (1,315,514 AC)
B. INVENTORY TOTAL AS OF 30 JUN 2022.....	17,717,699
C. AUTHORIZATION NOT YET IN INVENTORY.....	2,167,375
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	73,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	19,958,074

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT	PROJECT TITLE	SCOPE/UM	COST (\$000)	DESIGN STATUS
CODE				START COMPLETE
90400	Rail Yard	48,497.00/LF(14781.89/m)	73,000	05/2022 01/2024
TOTAL			73,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2025 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 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.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Rail Yard		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 86010		7. PROJECT NUMBER 61298		8. PROJECT COST (\$000) Approp 74,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						44,156
86010 North Rail Extension-New Rail		m (LF)	7,037 (23,088)		1,477	(10,391)
86010 12" Of Additional Ballast		m (LF)	3,601 (11,814)		182.64	(658)
86010 N. Rail Ext - Rail Turnout #10 L		EA	6 --		135,092	(811)
86010 N. Rail Ext. - Rail Turnout #15		EA	1 --		183,339	(183)
86010 N. Rail Ext. - Rail Turnout #15		EA	2 --		332,904	(666)
Total from Continuation page(s)						(31,447)
SUPPORTING FACILITIES						19,709
Electric Service		LS	--		--	(6,449)
Water, Sewer, Gas		LS	--		--	(1,002)
Paving, Walks, Curbs And Gutters		LS	--		--	(7,058)
Storm Drainage		LS	--		--	(272)
Site Imp(2,231) Demo(28)		LS	--		--	(2,259)
Other		LS	--		--	(2,669)
ESTIMATED CONTRACT COST						63,865
CONTINGENCY (5.00%)						3,193
SUBTOTAL						67,058
SUPV, INSP & OVERHEAD (6.50%)						4,359
DESIGN/BUILD-DESIGN COST (4.00%)						2,682
TOTAL REQUEST						74,099
TOTAL REQUEST (ROUNDED)						74,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a Rail Yard at Fort Bliss Texas. The project includes extending and connecting dead-end tracks to the Yard Lead, adding North Rail extension with turnouts to Union Pacific Track, the addition of rail spurs with loading aprons, field latrines, troop shelters with lighting. Project also constructs a container storage area, an Administrative Building, Vehicle Storage Shed, Container Repair Shed, Open Storage Yard, Generator, General Purpose Maintenance Shop, and overhead protection. Project includes building information systems, fire alarm systems, and Energy Monitoring Control Systems (EMCS) connection. Heating and air conditioning will be provided by self-contained systems. Building information systems, EMCS connection, and antiterrorism protection for this project are unique in nature and not included in the unit cost of the building. Supporting facilities include utility (electric, water, sewer, and gas) connections, exterior lighting, paving, parking, storm drainage, landscaping, site improvements, information systems, and removal of fencing, gates and existing rail. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems						

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fort Bliss Texas			Rail Yard		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22096A	90400	61298	Approp 74,000		
9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)					
93410 Cut and Fill - Struct Fill	m3 (CY)	18,961 (24,800)	118.80	(2,253)	
93410 Dispose Spoils from Site	m3 (CY)	7,747 (10,133)	102.07	(791)	
86010 North Rail Extension - R/R Track	m (LF)	1,942 (6,371)	1,012	(1,965)	
86010 Rail Yard Improvements - Rail Tr	m (LF)	2,202 (7,224)	1,446	(3,185)	
85110 Rail Spur - Asphalt Paving	m2 (SY)	4,181 (5,000)	125.76	(526)	
93210 Rail Spur Paving - Fine Grading	m2 (SY)	4,181 (5,000)	2.10	(9)	
85210 Rail Spur - Loading Ramps	m2 (SY)	18,506 (22,133)	131.32	(2,430)	
86120 Dual Height Loading Dock	m2 (SF)	20.90 (225)	3,773	(79)	
85110 Concrete Side Load Apron, 10" Re	m2 (SY)	25,698 (30,735)	76.44	(1,964)	
85110 Concrete Loading Pad, 10" Reinfo	m2 (SY)	1,823 (2,180)	76.44	(139)	
44181 Troop Shelters w/ Lighting	m2 (SF)	101.17 (1,089)	981.03	(99)	
73075 Field Latrine - Wet Closet	m2 (SF)	124.95 (1,345)	10,666	(1,333)	
86010 Derail	EA	2 --	62,721	(125)	
81160 Nat Gas Generator 1500 kW	EA	1 --	771,952	(772)	
45210 Open Storage Area, Container Sto	LS	--	--	(7,201)	
61050 Administrative Fac, Gen Purp (Co	m2 (SF)	371.61 (4,000)	5,434	(2,019)	
44262 Vehicle Storage Shed, Inst (Cont	m2 (SF)	529.55 (5,700)	7,321	(3,877)	
21885 General Purpose Maint Shop (Cont	m2 (SF)	269.42 (2,900)	6,261	(1,687)	
14179 Overhead Protection/Canopy (Cont	LS	--	--	(43)	
89220 EMCS Connection (Cont Storage)	LS	--	--	(13)	
00000 Cybersecurity Measures	LS	--	--	(224)	
Sustainability/Energy Measures	LS	--	--	(360)	
Antiterrorism Measures	LS	--	--	(353)	
			Total	31,447	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)					
performance. Demolish 1 building at Fort Bliss, TX (Total 15 m2/162 SF). Air Conditioning (Estimated 35 kW/10 Tons).					
11. REQ:	41,216 m	ADQT:	30,578 m	SUBSTD:	NONE
PROJECT: Construct a Railyard at Fort Bliss, Texas. (Current Mission).					
REQUIREMENT: This project is required to improve the physical infrastructure to process and prepare vehicles and equipment for rail movement of 565 railcars over a 72-hour period. Fort Bliss has over 1500 shipping containers of various sizes to store and maintain for unit deployments. This project is required to provide an area to store and maintain containers to facilitate and expedite installation level deployment requirements. It will provide a modern, centralized, and efficient container storage and maintenance area.					
CURRENT SITUATION: Currently the railyard lacks the capacity necessary to meet this requirement. Increased operations are heavily taxing the existing infrastructure. If the track were to become inoperative and taken offline for repairs, it will have an adverse					

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Fort Bliss Texas			4. PROJECT TITLE Rail Yard		
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 90400	7. PROJECT NUMBER 61298	8. PROJECT COST (\$000) Approp 74,000		
<p><u>CURRENT SITUATION: (CONTINUED)</u></p> <p>impact on the sites ability to serve as a transportation hub supporting the training mission and severely impact their ability to serve as a Power Projection Platform (PPP). The addition of a second rail track will mitigate this single point of failure and provide the site with the additional capacity required to support the mission. The existing single rail at this location connects to the Union Pacific line to the north of the railyard. During deployment and redeployment activities, many cars are shipped to Fort Bliss that require temporary storage. The current railhead track alone is insufficient for this task and many of the cars must be stored in two separate locations that require the use of substandard track and the use of unsecure rail crossings in the cantonment area. Movement of these cars to and from the two locations impedes operations that could be better served by the addition of a secondary line. This shortfall in capacity prevents the installation from meeting its required 72 hour turn around for deployment/redeployment operations and jeopardizes the sites' ability to serve as a power projection platform for assets in the region. There is no adequate or purpose-built area on base for container storage on the installation. Containers are stored on bare dirt in various area around the installation and railhead. Inventory control, accountability, and container maintenance needs are next to impossible to track with the scattered storage locations.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The rail operations at Fort Bliss will continue to fail to meet their required 72 hour turn around for deployment/redeployment operations and continue to operate at risk of a complete mission failure that will shut down the sites ability to support its mission as a power projection platform for the Army's mission critical assets in the region; and container operations will continue to work in poor conditions to attempt to store, inventory, and maintain shipping containers which could impact deployment operations.</p> <p><u>ADDITIONAL:</u> Department of Defense Minimum Utility connections are required to a privatized electric distribution, natural gas, and water systems. The Army intends to have the respective Utilities Privatization System Owner make and own the necessary connections up to the facility service disconnect or other defined point of demarcation. Consideration of the Army Climate Assessment Tool shall be given to reduce the vulnerability of desertification and drought to increase installation resilience.</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>					

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				17 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Fort Bliss Texas			Rail Yard	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
22096A	90400	61298	Approp	74,000
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Date Design Started.....				MAY 2022
(b) Percent Complete as of January 2023.....				25.00
(c) Date 35% Designed.....				FEB 2023
(d) Date Design Complete.....				JAN 2024
(e) Parametric Cost Estimating Used to Develop Costs..				NO
(f) Type of Design Contract: Design-build				
(g) An energy study and life cycle cost analysis will be documented during the final design.				
(2) Basis:				
(a) Standard or Definitive Design: NO				
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)				
(a) Production of Plans and Specifications.....				2,010
(b) All Other Design Costs.....				1,340
(c) Total Design Cost.....				3,350
(d) Contract.....				1,340
(e) In-house.....				2,010
(4) Construction Contract Award.....				SEP 2024
(5) Construction Start.....				OCT 2024
(6) Construction Completion.....				DEC 2027
B. Equipment associated with this project which will be provided from other appropriations:				
Equipment <u>Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	
	NONE			

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Red River Army Depot Texas				4. PROJECT TITLE Component Rebuild Shop		
5. PROGRAM ELEMENT 72896A		6. CATEGORY CODE 21440		7. PROJECT NUMBER 82307		8. PROJECT COST (\$000) Approp 113,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					92,054	
21440 Component Rebuild Shop		m2 (SF)	21,972 (236,500)	3,240	(71,191)	
21340 Cranes		EA	91 --	143,375	(13,047)	
00000 Special Foundations		LS	--	--	(3,553)	
00000 Cybersecurity Measures		LS	--	--	(500)	
89144 Fire Pump & Enclosure		EA	1 --	258,957	(259)	
Total from Continuation page(s)					(3,504)	
SUPPORTING FACILITIES					6,212	
Electric Service		LS	--	--	(445)	
Water, Sewer, Gas		LS	--	--	(326)	
Steam/Chilled Water Distribution		LS	--	--	(61)	
Paving, Walks, Curbs And Gutters		LS	--	--	(913)	
Storm Drainage		LS	--	--	(203)	
Site Imp(426) Demo(3,483)		LS	--	--	(3,909)	
Information Systems		LS	--	--	(355)	
ESTIMATED CONTRACT COST					98,266	
CONTINGENCY (5.00%)					4,913	
SUBTOTAL					103,179	
SUPV, INSP & OVERHEAD (6.50%)					6,707	
TOTAL REQUEST					112,886	
TOTAL REQUEST (ROUNDED)					113,000	
INSTALLED EQT-OTHER APPROP					(10,011)	
10. Description of Proposed Construction Construct a Depot Level Component Rebuild Shop for tactical vehicle components. The facility will include specific component rebuild areas, component cleaning, engine and transmission test cells, self-contained/over pressured separated shops for engine or transmissions rebuild/overhaul, and bridge crane support. Project includes the component rebuild shop, cranes, special foundations, fire pump and enclosure, overhead protection, post construction award services (PCAS), Energy Monitoring and Control System (EMCS) connection, building information systems, and fire suppression and alarm systems. Building heating and air conditioning will be provided by self-contained units. Supporting facilities include loading/unloading area, equipment staging area, site development, utilities and connections, lighting, paving, parking areas, walks, curbs and gutters, information systems, landscaping, signage, storm drainage, and low impact development (LID) features. Utility connections are required to a privatized electric distribution, water, and wastewater 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Demolish 8 buildings at Red River Army Depot, TX (Total 11,866 m2/127,720 SF). Air Conditioning (Estimated 1,407 kW/400						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Red River Army Depot Texas			4. PROJECT TITLE Component Rebuild Shop		
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 21440	7. PROJECT NUMBER 82307	8. PROJECT COST (\$000) Approp 113,000		
9. COST ESTIMATES (CONTINUED)					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)					
14179 Overhead Protection		m2 (SF)	929.03 (10,000)	1,296	(1,204)
89220 EMCS Connection		LS	--	--	(17)
Sustainability/Energy Measures		LS	--	--	(1,464)
00000 Post Construction Award Services		LS	--	--	(288)
Building Information Systems		LS	--	--	(531)
				Total	3,504
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)					
Tons).					
11. REQ: 65,737 m2 ADQT: 35,099 m2 SUBSTD: 5,087 m2					
PROJECT: Construct a Component Rebuild Shop at Red River Army Depot (RRAD), Texas. (Current Mission)					
<p>REQUIREMENT: This project is required to provide a Depot Level Component Rebuild Shop to support the missions of the Combat, Supply, and Secondary Programs at Red River Army Depot (RRAD). Red River is the Army's Center of Industrial and Technical Excellence (CITE) for Tactical Wheeled Vehicles including, but not limited to, each variant of the Mine Resistant Ambush Protected (MRAP) Vehicle; the High Mobility Multipurpose Wheeled Vehicle (HMMWV); the Heavy Expanded Mobility Tactical Truck (HEMTT); the Armored Security Vehicle (ASV); the 5-Ton Truck Family of Vehicles; the Family of Medium Tactical Vehicles (FMTV); the Heavy Equipment Transporter (HET); Palletized Load System (PLS) and the Rough Terrain Container Handler (RTCH). The depot is also CITE for the Bradley Fighting Vehicle and conducts rebuild work on the Multiple Launch Rocket System (MLRS) and the High-Mobility Artillery Rocket System (HIMARS). This facility will provide adequate space, structural capacity, infrastructure, and environmental controls to support the engine disassembly/rebuild shop, transmission disassembly/rebuild shop, machine shop, hydraulics shop, electrical accessories shop, fire bottle shop, axle shop, dynamometer shop (engine and transmission test cells), component cleaning, metal finishing/component painting, radiator shop, and composites shop. It will consolidate component rebuild processes resulting in more efficient flow of materials and better process control.</p> <p>CURRENT SITUATION: The missions supported by the combat, supply, and secondary programs are currently located in several facilities scattered across RRAD. The second floor of building 345, built in the 1940s, houses most of the shop space, but has limited floor load capacity. Clean rooms and areas that require enclosed conditioned space are not configured regarding process efficiency which limits floor space flexibility. The rest of the facility is unconditioned and poorly ventilated which affects work/rest cycles impacting efficiency and output timing and quality. Building 373 houses the Dynamometer Shop and its systems experience extended periods of electrical disruption and are not appropriately sized to support the test cells. The cross-drive transmission test cell equipment set is too large to fit into building 373 and is in a separate building, which limits efficiency. Process downtime resulting from building system failures and worker fatigue culminates into low process efficiencies for component rebuild which affects tactical vehicle maintenance cycle times. Overall, Combat, Supply, and Secondary Programs</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Red River Army Depot Texas			4. PROJECT TITLE Component Rebuild Shop	
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 21440	7. PROJECT NUMBER 82307	8. PROJECT COST (\$000) Approp 113,000	

CURRENT SITUATION: (CONTINUED)
have processes scattered across RRAD which results in poor efficiencies and process control.

IMPACT IF NOT PROVIDED: If this project is not provided, the component rebuild processes will remain in facilities that are not designed to support them, and that are not able to be adequately modified to support current and future missions. Process downtime will continue with improved building systems that support process control and a quality work environment. The readiness of key depot vehicle rebuild programs supported by the component rebuild processes, such as MaxxPRO, MRAP All-Terrain Vehicle (MATV), FMTV, Cougar, Bradley, HMMWV, MLRS, HIMARS, RTCH, HET, HEMTT, and Joint Light Tactical Vehicle (JLTV) will continue to be severely impacted, with the risk of further detriment due to the lack of adequately sized, configured, and conditioned mission space.

ADDITIONAL: Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	SEP 2021
(b) Percent Complete as of January 2023.....	35.00
(c) Date 35% Designed.....	JUL 2022
(d) Date Design Complete.....	AUG 2023
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	1,950
(b) All Other Design Costs.....	1,300

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				17 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Red River Army Depot Texas			Component Rebuild Shop	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
72896A	21440	82307	Approp 113,000	
12. SUPPLEMENTAL DATA (CONTINUED..)				
A. Estimated Design Data: (CONTINUED..)				
(c) Total Design Cost.....			3,250	
(d) Contract.....			1,300	
(e) In-house.....			1,950	
(4) Construction Contract Award.....			MAR 2024	
(5) Construction Start.....			MAR 2024	
(6) Construction Completion.....			MAY 2026	
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 - Comp Rebuild	OPA	2025	8,981	
Electronic Access Equipment	OPA	2025	5	
Info Sys - ISC	OPA	2025	832	
Info Sys - PROP	OPA	2025	193	
Total			10,011	

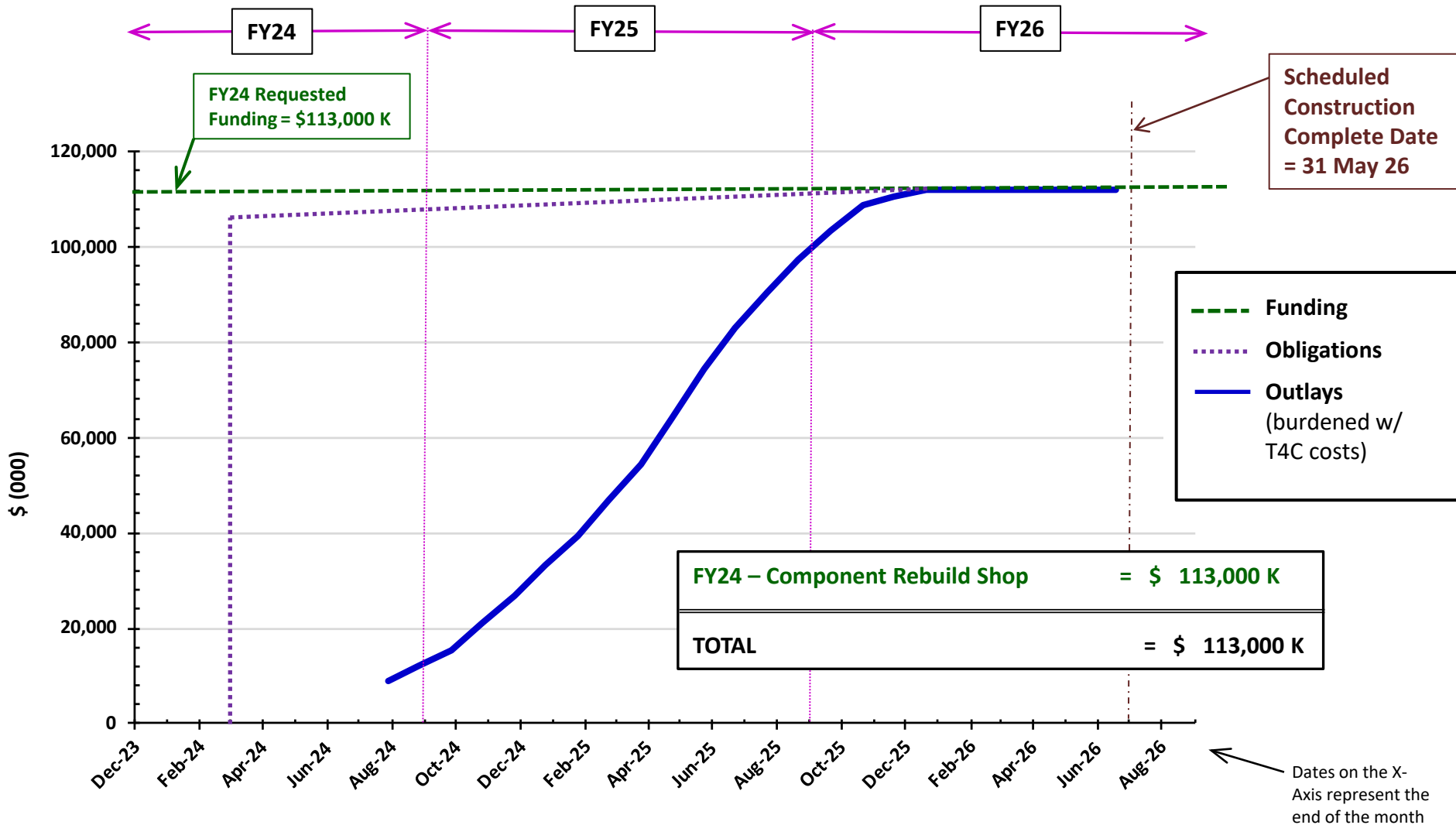


Work In Progress (WIP) Curve – Red River Army Depot

Component Rebuild Shop

Full Authorization = \$113,000 K¹ / Scheduled Award Date = **01 Mar 24**

As of: 2 March 2023



Note 1: Project submitted in Army's FY24 Budget at \$113,000 K

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Washington		Joint Base Lewis-McChord (IMCOM)				109
	97677	Barracks	100,000	100,000	C	111
		Subtotal Joint Base Lewis-McChord Part I	\$ 100,000	100,000		
		* TOTAL MCA FOR Washington	\$ 100,000	100,000		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 1,031,000	1,031,000		

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 17 MAR 2023			
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 1.16		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		5327	27069	6358	23	271	0	1320	6212	8939	55,519
B. END FY 2028		5408	26959	6357	23	283	0	1305	6199	8936	55,470

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	0 ha (0 AC)
B. INVENTORY TOTAL AS OF	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	835,819
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	99,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	164,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	93,000
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	1,191,819

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM (\$000)	START COMPLETE
72111	Barracks	89,082.00/SF(8275.99/m2)	99,000 09/2021 10/2023
TOTAL		99,000	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 PROGRAM:			
72111	Barracks	78,000	
44220	Supply Support Activity	28,000	
14162	Command and Control Facility	58,000	
TOTAL		164,000	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):			
21410	Vehicle Maintenance Shop	93,000	
TOTAL		93,000	
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A	

10. MISSION OR MAJOR FUNCTIONS:

I Corps: On order, deploy to conduct operations across the military spectrum of conflict as a Joint Force Headquarters (Joint Task Force, Combined or Multi-National/Joint Force Land Component Command) or as an Army Corps. Maintain trained and ready forces for Combatant Commanders worldwide. Team Lewis-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. Maintain the well-being of our Soldiers, civilians, retirees, and their families.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington				4. PROJECT TITLE Barracks		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 72111		7. PROJECT NUMBER 97677		8. PROJECT COST (\$000) Approp 100,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					78,866	
72111 Barracks - Permanent Party (UEPH		m2 (SF)	8,276 (89,082)	9,223	(76,328)	
00000 Cybersecurity Measures		LS	--	--	(750)	
Sustainability/Energy Measures		LS	--	--	(1,509)	
00000 Post Construction Award Services		LS	--	--	(279)	
SUPPORTING FACILITIES					10,321	
Electric Service		LS	--	--	(2,339)	
Water, Sewer, Gas		LS	--	--	(731)	
Paving, Walks, Curbs And Gutters		LS	--	--	(2,652)	
Storm Drainage		LS	--	--	(419)	
Site Imp(3,275) Demo(699)		LS	--	--	(3,974)	
Information Systems		LS	--	--	(206)	
ESTIMATED CONTRACT COST					89,187	
CONTINGENCY (5.00%)					4,459	
SUBTOTAL					93,646	
SUPV, INSP & OVERHEAD (6.50%)					6,087	
TOTAL REQUEST					99,733	
TOTAL REQUEST (ROUNDED)					100,000	
INSTALLED EQT-OTHER APPROP					(0)	
10. Description of Proposed Construction Construct Barracks to accommodate 168 Soldiers. Primary facilities include living and sleeping quarters, baths, storage, service areas, information systems, fire protection and alarm systems, Intrusion Detection System (IDS) installation, and Energy Monitoring Control Systems (EMCS) connection. Heating and air conditioning will be provided by self-contained systems. Utility connections are required to privatized electric distribution, natural gas, water, and wastewater systems. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping, and signage. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Demolish 3 buildings at Joint Base Lewis-McChord, WA (Total 1,364 m2/14,680 SF). Air Conditioning (Estimated 281 kW/80 Tons).						
11. REQ: 10,239 PN		ADQT: 9,533 PN		SUBSTD: 2,268 PN		
PROJECT: Construct a Barracks at Joint Base Lewis-McChord (JBLM), Washington.(Current Mission)						
REQUIREMENT: Provide adequate Unaccompanied Enlisted Personnel Housing (UEPH)						

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Joint Base Lewis-McChord Washington			Barracks		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22096A	72111	97677	<div style="display: flex; justify-content: space-between;"> Approp 100,000 </div>		
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>facilities for all Soldiers stationed at JBLM. This project is one of six required to replace substandard barracks with facilities that meet current Army standards and comply with the Army Barracks Management Program. The maximum utilization is 168 Personnel at 100% capacity.</p> <p><u>CURRENT SITUATION:</u> Joint Base Lewis-McChord will lack more than 1,150 barracks spaces after Army Structure (ARSTRUC) 22-26 actions are executed. As a result, the installation will need to issue Certificates of Non-Availability (CNAs) and pay to house Soldiers off-base until adequate Unaccompanied Enlisted Personnel Housing facilities are available. The lack of proper housing for Soldiers contributes to decreased morale and limits the ability of Soldiers to perform training activities effectively.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not funded, mission readiness and stability for soldiers will decline further as Joint Base Lewis-McChord directs more soldiers to off-base housing. Off-base soldiers without vehicles will have limited access to base support facilities, quality nutrition from dining facilities, and overall increased exposure to off-base risks. Lack of adequate enlisted UPH near unit compounds reduces Quality-of-Life, morale, equitable support, unit effectiveness and will degrade retention and Army readiness.</p> <p><u>ADDITIONAL:</u> Utility connections are required to a privatized electric, water, wastewater and natural gas systems. The Army intends to have the electric, water, wastewater and natural gas Utilities Privatization System Owners make and own the necessary connections up to the facility service disconnect or other defined point of demarcation.</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>					
12. <u>SUPPLEMENTAL DATA:</u>					
A. Estimated Design Data:					
(1) Status:					
(a) Date Design Started.....			SEP 2021		
(b) Percent Complete as of January 2023.....			35.00		
(c) Date 35% Designed.....			AUG 2022		
(d) Date Design Complete.....			OCT 2023		
(e) Parametric Cost Estimating Used to Develop Costs..			NO		
(f) Type of Design Contract: Design-bid-build					
(g) An energy study and life cycle cost analysis will be					

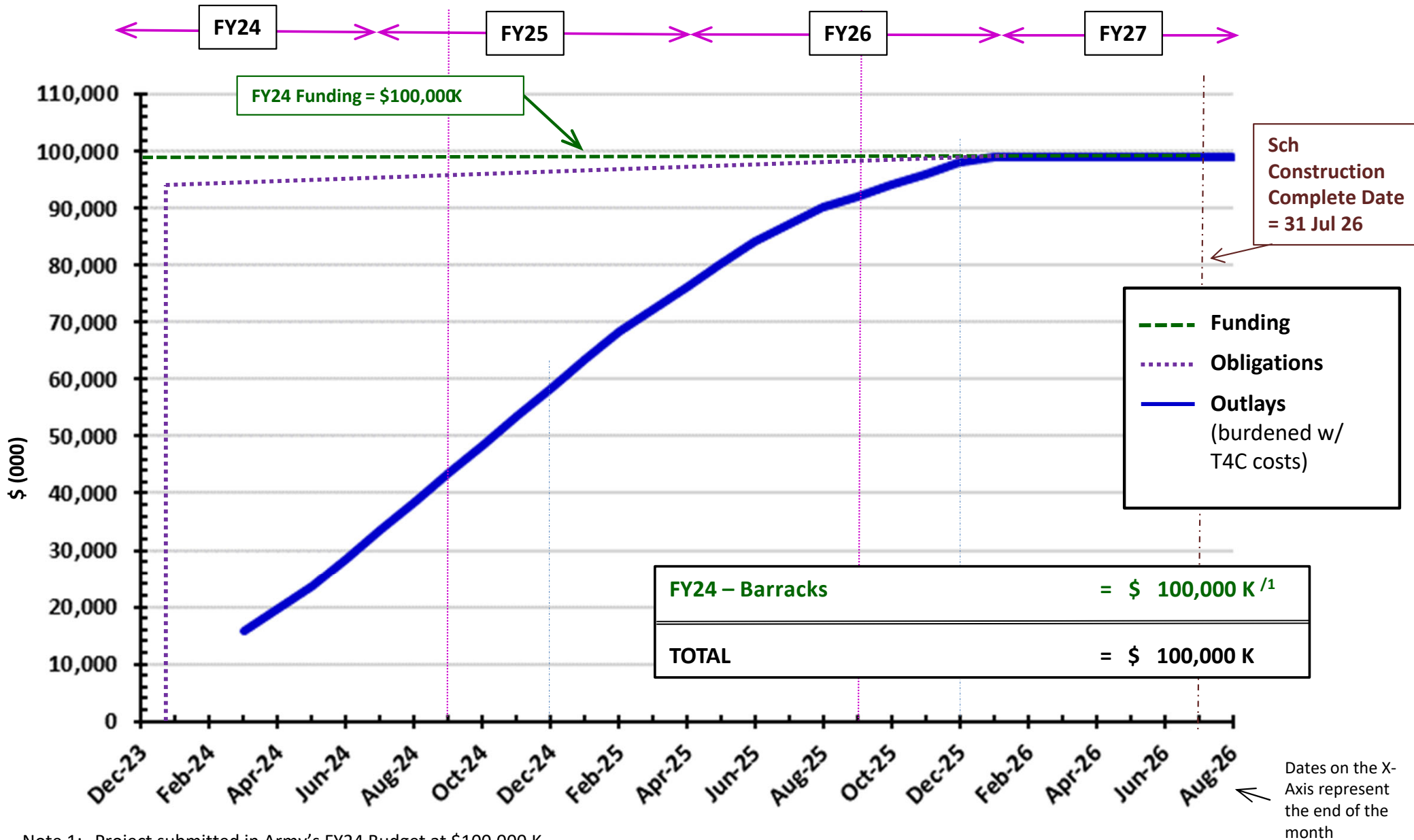
1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023																		
3. INSTALLATION AND LOCATION Joint Base Lewis-McChord Washington			4. PROJECT TITLE Barracks																			
5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 72111	7. PROJECT NUMBER 97677	8. PROJECT COST (\$000) Approp 100,000																			
12. SUPPLEMENTAL DATA (CONTINUED..)																						
<p>A. Estimated Design Data: (CONTINUED..)</p> <p style="padding-left: 40px;">documented during the final design.</p> <p style="padding-left: 20px;">(2) Basis:</p> <p style="padding-left: 40px;">(a) Standard or Definitive Design: YES</p> <p style="padding-left: 40px;">(b) Where Design Was Most Recently Used:</p> <p style="padding-left: 20px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 40px;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">5,696</td> </tr> <tr> <td style="padding-left: 40px;">(b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">1,424</td> </tr> <tr> <td style="padding-left: 40px;">(c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">7,120</td> </tr> <tr> <td style="padding-left: 40px;">(d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;">5,696</td> </tr> <tr> <td style="padding-left: 40px;">(e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black; border-bottom: 1px solid black;">1,424</td> </tr> </table> <p style="padding-left: 20px;">(4) Construction Contract Award..... JAN 2024</p> <p style="padding-left: 20px;">(5) Construction Start..... FEB 2024</p> <p style="padding-left: 20px;">(6) Construction Completion..... JUL 2026</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: center;"><u>Procuring Appropriation</u></th> <th style="text-align: center;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>					(a) Production of Plans and Specifications.....	5,696	(b) All Other Design Costs.....	1,424	(c) Total Design Cost.....	7,120	(d) Contract.....	5,696	(e) In-house.....	1,424	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	NA			
(a) Production of Plans and Specifications.....	5,696																					
(b) All Other Design Costs.....	1,424																					
(c) Total Design Cost.....	7,120																					
(d) Contract.....	5,696																					
(e) In-house.....	1,424																					
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																			
NA																						

Work In Progress (WIP) Curve – Joint Base Lewis-McChord, WA Barracks



Full Authorization = \$100,000 K^{/1} / Scheduled Award Date = **22 Jan 24**

As of: 2 March 2023



Note 1: Project submitted in Army's FY24 Budget at \$100,000 K

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Germany		Germany Various (IMCOM)				117
		Grafenwoehr Training Area				
	73999	Automated Multipurpose Machine Gun Range	10,400	10,400	C	119
		Hohenfels Training Area				
	92414	Simulations Center	56,000	56,000	C	122
		Subtotal Germany Various Part I	\$ 66,400	66,400		
		* TOTAL MCA FOR Germany	\$ 66,400	66,400		
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 66,400	66,400		

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1. COMPONENT ARMY		FY 2024 MILITARY CONSTRUCTION PROGRAM								2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Germany Various Germany				4. COMMAND US Army Installation Management Command						5. AREA CONSTRUCTION COST INDEX 1.14	
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 31 JAN 2021		4571	18490	12284	7	162	0	3087	7922	18071	64,594
B. END FY 2028		4543	18785	12296	7	167	0	3087	7920	17838	64,643

7. INVENTORY DATA (\$000)											
A. TOTAL AREA..... 46,147 ha (114,032 AC)											
B. INVENTORY TOTAL AS OF 30 JUN 2022.....								42,962,697			
C. AUTHORIZATION NOT YET IN INVENTORY.....								2,097,001			
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....								76,400			
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....								116,800			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....								0			
G. REMAINING DEFICIENCY.....								0			
H. GRAND TOTAL.....								45,252,898			

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:											
CAT								COST		DESIGN STATUS	
CODE		PROJECT TITLE				SCOPE/UM		(\$000)		START COMPLETE	
Automated Multipurpose Machine Gun											
17833	Range					4.00/FP(4.00/FP)		11,400	07/2021	01/2024	
17213	Simulations Center					93,800.00/SF(8714.30/m2)		65,000	09/2021	12/2023	
TOTAL								76,400			

9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY								COST			
CODE		PROJECT TITLE						(\$000)			
A. INCLUDED IN THE FY 2025 PROGRAM:											
74014	Child Development Center							25,000			
17829	Known Distance Range							6,800			
74066	Youth Center							12,800			
72111	Barracks							91,000			
81242	Underground Electric Lines							12,200			
74017	Child Development Center							13,000			
	Vehicle Maintenance Shop							25,000			
	Enlisted Unaccompanied Personnel Housing							91,000			
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE								TOTAL		276,800	
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 European Command (EUCOM) theater strategy. Installations serve as a base for projecting power in and out of the EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations.											

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

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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023
3. INSTALLATION AND LOCATION Grafenwoehr Training Area Germany (Germany Various)			4. PROJECT TITLE Automated Multipurpose Machine Gun Range	
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 17833	7. PROJECT NUMBER 73999	8. PROJECT COST (\$000) Approp 10,400	
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>				9,892
17833 Automated Multipurpose Machine G	FP	4 --	2195532	(8,782)
17833 Small Arms ROCA	EA	1 --	156,096	(156)
17122 Operations/Storage Bld - Small	m2 (SF)	74.32 (800)	2,026	(151)
17122 Ammunition Breakdown Bldg	m2 (SF)	16.72 (180)	14,861	(248)
17123 Range Classroom Building	m2 (SF)	74.32 (800)	4,376	(325)
Total from Continuation page(s)				(230)
<u>SUPPORTING FACILITIES</u>				217
Electric Service	LS	--	--	(40)
Site Imp(21) Demo()	LS	--	--	(21)
Information Systems	LS	--	--	(156)
ESTIMATED CONTRACT COST				10,109
CONTINGENCY (5.00%)				505
SUBTOTAL				10,614
SUPV, INSP & OVERHEAD (7.30%)				775
TOTAL REQUEST				10,389
TOTAL REQUEST (ROUNDED)				10,400
INSTALLED EQT-OTHER APPROP				(0)
10. Description of Proposed Construction Construct a modified Automated Multipurpose Machine Gun Range (MPMG). Primary facilities include the MPMG Range, small arms range operations control area (ROCA), range classroom building, operations/storage building, latrine pad, ammunition breakdown building, Post Construction Award Services, and building information systems. Supporting facilities include electric service; site improvements; and information systems. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 21 kW/6 Tons).				
11. REQ: 4 FP ADQT: NONE SUBSTD: NONE				
PROJECT: Construct an Automated Multipurpose Machine Gun Range at Grafenwoehr Training Area, Germany. (Current Mission)				
REQUIREMENT: This project is required to meet current mission requirements at Grafenwoehr Training Area, Germany. The Multipurpose Machine Gun (MPMG) Range is used to train and test soldiers on the skill necessary to zero, detect, identify, engage, and defeat Stationary and Moving Infantry Targets (SITs and MITs), and Stationary Armor Targets (SATs) in a tactical array. It is also used for Sniper field fire and qualification. Due to spacing and Surface Danger Zone (SDZ) limitations, only 4 lanes of the standard facility will be constructed.				

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Grafenwoehr Training Area Germany (Germany Various)			Automated Multipurpose Machine Gun Range		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22212A	17833	73999	<div style="display: flex; justify-content: space-between;"> Approp 10,400 </div>		
9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)					
73075 Latrine Pad - 3 Portable Toilets	EA	1 --	24,110	(24)	
00000 Post-construction award services	LS	--	--	(85)	
Sustainability/Energy Measures	LS	--	--	(22)	
Building Information Systems	LS	--	--	(99)	
			Total	230	
CURRENT SITUATION: Grafenwoehr Training Area, (GTA) does not currently have a standard MPMG Range that will support this requirement. There is not another facility of this type anywhere in the area. Currently training is done on non-standard ranges.					
IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers of the units that rely on GTA for training ranges will not be able to train to the standard driven by doctrine and commanders' guidance. It is imperative to the Warfighting skills of our soldiers that these ranges be provided. If this project is not provided, the soldiers will have to be subjected to facilities that are antiquated and substandard causing them to have to train in an environment that will not allow them to hone their Warfighting skills. This project is required to allow commanders to train their soldiers to the highest standards which are a necessity for them to be successful on the Battlefields of today and the future.					
ADDITIONAL: Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.					
12. SUPPLEMENTAL DATA:					
A. Estimated Design Data:					
(1) Status:					
(a) Date Design Started.....			JUL 2021		
(b) Percent Complete as of January 2023.....			50.00		
(c) Date 35% Designed.....			JAN 2022		
(d) Date Design Complete.....			JAN 2024		
(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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023								
3. INSTALLATION AND LOCATION Grafenwoehr Training Area Germany (Germany Various)			4. PROJECT TITLE Automated Multipurpose Machine Gun Range									
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 17833	7. PROJECT NUMBER 73999	8. PROJECT COST (\$000) Approp 10,400									
12. SUPPLEMENTAL DATA (CONTINUED..)												
<p>A. Estimated Design Data: (CONTINUED..)</p> <p style="padding-left: 40px;">documented during the final design.</p> <p>(2) Basis:</p> <p style="padding-left: 40px;">(a) Standard or Definitive Design: YES</p> <p style="padding-left: 40px;">(b) Where Design Was Most Recently Used: Yakima Training Center</p> <p style="padding-left: 40px;">(c) Percentage of Design utilizing Standard Design ... 90</p> <hr style="width: 100%; margin-top: 5px;"/> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p style="padding-left: 40px;">(a) Production of Plans and Specifications..... 0</p> <p style="padding-left: 40px;">(b) All Other Design Costs..... 809</p> <p style="padding-left: 40px;">(c) Total Design Cost..... 809</p> <p style="padding-left: 40px;">(d) Contract..... 647</p> <p style="padding-left: 40px;">(e) In-house..... 162</p> <hr style="width: 100%; margin-top: 5px;"/> <p style="padding-left: 40px;">(4) Construction Contract Award..... JUL 2024</p> <hr style="width: 100%; margin-top: 5px;"/> <p style="padding-left: 40px;">(5) Construction Start..... AUG 2024</p> <hr style="width: 100%; margin-top: 5px;"/> <p style="padding-left: 40px;">(6) Construction Completion..... FEB 2027</p> <hr style="width: 100%; margin-top: 5px;"/> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: center;"><u>Procuring Appropriation</u></th> <th style="text-align: center;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">NA</td> <td></td> <td></td> </tr> </tbody> </table>					<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>		NA		
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>									
	NA											

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Hohenfels Training Area Germany (Germany Various)				4. PROJECT TITLE Simulations Center		
5. PROGRAM ELEMENT 22212A		6. CATEGORY CODE 17213		7. PROJECT NUMBER 92414		8. PROJECT COST (\$000) Approp 56,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						54,200
17213 Simulation Center (TAF)		m2 (SF)	8,714 (93,800)		5,931	(51,684)
00000 Cyber Security Measures		LS	--		--	(750)
Sustainability/Energy Measures		LS	--		--	(1,017)
Antiterrorism Measures		LS	--		--	(501)
00000 Post Construction Award Services		LS	--		--	(248)
SUPPORTING FACILITIES						3,957
Electric Service		LS	--		--	(1,145)
Water, Sewer, Gas		LS	--		--	(594)
Steam/Chilled Water Distribution		LS	--		--	(144)
Paving, Walks, Curbs And Gutters		LS	--		--	(384)
Storm Drainage		LS	--		--	(74)
Site Imp(1,208) Demo()		LS	--		--	(1,208)
Information Systems		LS	--		--	(349)
Antiterrorism Measures		LS	--		--	(59)
ESTIMATED CONTRACT COST						58,157
CONTINGENCY (5.00%)						2,908
SUBTOTAL						61,065
SUPV, INSP & OVERHEAD (7.30%)						4,458
TOTAL REQUEST						56,523
TOTAL REQUEST (ROUNDED)						56,000
INSTALLED EQT-OTHER APPROP						(18,002)
10. Description of Proposed Construction Construct a Simulation Center (Training Analyst Feedback (TAF) Facility) which includes a Training Analyst Feedback Facility and Entry Control Facility complete with flexible multipurpose work centers, conference rooms, space for multipurpose training and instruction, video teleconferencing centers, after action review (AAR) facilities, a network operations center, simulation and Command, Control, Communications, Computers, and Intelligence (C4I) technical control areas, general supply and storage, rehearsal rooms, war fighting breakout conference rooms, secure storage, rotational training unit storage, a Secret Internet Protocol Router (SIPR) café, break areas, bathrooms, administrative support space, Intrusion Detection System (IDS) installation, Energy Monitoring and Control System (EMCS) connection, and building information systems. Heating and air conditioning will be provided by a self-contained unit. Supporting Facilities will include Parking, tactical vehicle parking areas, and an antenna farm as well as site preparation, electric service, water, sewer, and gas, steam and/or chilled water distribution, paving, walks, curbs and gutters; storm drainage; site improvement; and information 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 404						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Hohenfels Training Area Germany (Germany Various)			4. PROJECT TITLE Simulations Center		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 17213	7. PROJECT NUMBER 92414	8. PROJECT COST (\$000) Approp 56,000		
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) kWr/115 Tons).					
11. REQ: 10,630 m2 ADQT: 1,804 m2 SUBSTD: 8,826 m2 PROJECT: Construct a Simulation Center at Hohenfels, Germany. (Current Mission) REQUIREMENT: The Facility is required to support individual and collective digital training and battle staff training using constructive simulations with Command, Control, Communications, Computers and Intelligence Interoperability (C4I). Brigade Combat Teams conduct month long training exercises that replicated tough, realistic unified land operations with multinational units from across the European theater of operations. The instrumentation system is the core of one of the five pillars that, if not functioning and supported properly, JMRC will not be able to produce high fidelity doctrinal training feedback to Army brigade combat teams during rotational training events. This facility is required to track Army Brigade Combat Teams (BCT) rotational events involving multiple battalion/task forces in the JMRC maneuver rights areas in Bavaria to include, the Hohenfels Training Area, Grafenwoehr Training Area, Amberg Training Area, and at distributed locations in the USAREUR AOR. The complex will consolidate into a single building all training support and simulations centers that are currently distributed across fifteen buildings throughout post. CURRENT SITUATION: The Joint Multinational Readiness Center (JMRC) is currently utilizing existing outdated, undersized, obsolete and energy inefficient facilities, JMRC has limited capabilities to provide rotational training units (RTUs) with required support for integrated live, virtual, and constructive simulation training. Just under 12,000 square feet of the current facility consist of temporary trailers that were constructed in 2001 and designed to last for two years. Sixteen years later those trailers still house critical support functions and are experiencing severe structural damage and are supported by wooden braces that are rotting. Simulation training is currently being conducted in several small former Soldier billets in Camp Albertshof away from most of the OC Teams and the JMRC Command Group. These structures were acquired in the 1952 and have gone through several iterations of renovations throughout the years. JMRC utilizes six portable instrumentation facilities because the current facility does not have room to support enough analyst to track the battle during rotational training. Those facilities are sitting outside on the grass and experience water, power and heating, ventilation, and air-conditioning related issues. IMPACT IF NOT PROVIDED: The Army's ability to train U.S. Army units according to current doctrine and directives with their partnered NATO allies will be depleted if the project is not provided. JMRC will not be able to merge live training resources with constructive simulation training. The current JMRC IS building has not accommodated the growth and technical advancements required to keep pace with an evolving Army. The facility will not support the training of a BCT formation. Increasing maintenance issues such as water leaks, insufficient or weak electrical circuits, lack of an actual foundation in some parts, inefficient heating and cooling will eventually lead to the current structure failing, requiring systems and personnel to be scattered across the installation making collaboration and mission execution physically impossible. ADDITIONAL: Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures					

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE																								
Army				17 MAR 2023																								
3. INSTALLATION AND LOCATION			4. PROJECT TITLE																									
Hohenfels Training Area Germany (Germany Various)			Simulations Center																									
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)																									
22212A	17213	92414	<div style="display: flex; justify-content: space-between;"> Approp 56,000 </div>																									
<p><u>ADDITIONAL: (CONTINUED)</u></p> <p>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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category of common funding nor is it expected to become eligible in the foreseeable future.</p>																												
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A. Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right; border-top: 1px solid black;">SEP 2021</td> </tr> <tr> <td>(b) Percent Complete as of January 2023.....</td> <td style="text-align: right; border-top: 1px solid black;">50.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right; border-top: 1px solid black;">JUL 2022</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right; border-top: 1px solid black;">DEC 2023</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs..</td> <td style="text-align: right; border-top: 1px solid black;">NO</td> </tr> <tr> <td colspan="2">(f) Type of Design Contract: Design-bid-build</td> </tr> <tr> <td colspan="2">(g) An energy study and life cycle cost analysis will be documented during the final design.</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-top: 1px solid black;">4,505</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-top: 1px solid black;">4,505</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-top: 1px solid black;">3,604</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-top: 1px solid black;">901</td> </tr> </table> </div> <div style="margin-left: 40px; margin-top: 20px;"> <p>(4) Construction Contract Award..... JUN 2024</p> <p>(5) Construction Start..... JUL 2024</p> <p>(6) Construction Completion..... JUL 2026</p> </div>					(a) Date Design Started.....	SEP 2021	(b) Percent Complete as of January 2023.....	50.00	(c) Date 35% Designed.....	JUL 2022	(d) Date Design Complete.....	DEC 2023	(e) Parametric Cost Estimating Used to Develop Costs..	NO	(f) Type of Design Contract: Design-bid-build		(g) An energy study and life cycle cost analysis will be documented during the final design.		(a) Production of Plans and Specifications.....	0	(b) All Other Design Costs.....	4,505	(c) Total Design Cost.....	4,505	(d) Contract.....	3,604	(e) In-house.....	901
(a) Date Design Started.....	SEP 2021																											
(b) Percent Complete as of January 2023.....	50.00																											
(c) Date 35% Designed.....	JUL 2022																											
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(e) Parametric Cost Estimating Used to Develop Costs..	NO																											
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(a) Production of Plans and Specifications.....	0																											
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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Hohenfels Training Area Germany (Germany Various)			4. PROJECT TITLE Simulations Center		
5. PROGRAM ELEMENT 22212A	6. CATEGORY CODE 17213	7. PROJECT NUMBER 92414	8. PROJECT COST (\$000) Approp 56,000		
12. SUPPLEMENTAL DATA (CONTINUED..)					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year <u>Appropriated Or Requested</u>	Cost <u>(\$000)</u>		
Electronic Equipment	OPA	2026	13,875		
ESS & IDS EQUIPMENT	OPA	2026	1,921		
UPS	OPA	2026	374		
Info Sys - ISC	OPA	2025	1,832		
			Total	18,002	

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
MILITARY CONSTRUCTION (Part I)
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION CURRENT REQUEST MISSION -----	NEW/ PAGE -----
Worldwide	Various	Planning and Design (PLANDES)			
		Planning and Design Host Nation			
	92943	Host Nation Support	0	26,000	129
	92942	Planning and Design	0	270,875	131
			-----	-----	
		Subtotal Planning and Design Part I	\$ 0	296,875	
		Minor Construction (MINOR)			
	92944	Minor Construction	0	76,280	133
			-----	-----	
		Subtotal Minor Construction Part I	\$ 0	76,280	
		* TOTAL MCA FOR Worldwide Various	\$ 0	373,155	
			-----	-----	
** TOTAL WORLDWIDE FOR MCA			\$ 0	373,155	
			-----	-----	
MILITARY CONSTRUCTION (PART I) TOTAL			\$ 1,097,400	1,470,555	

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Planning and Design Host Nation Worldwide Various (Planning and Design)				4. PROJECT TITLE Host Nation Support		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 96400		7. PROJECT NUMBER 92943		8. PROJECT COST (\$000) Approp 26,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						26,000
00000 Planning & Design - Host Nation		LS	--		--	(26,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						26,000
CONTINGENCY (0.00%)						0
SUBTOTAL						26,000
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						26,000
TOTAL REQUEST (ROUNDED)						26,000
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 U.S. Forces are the sole or primary user. Host Nation Support funds are also used to oversee projects in Europe to include the NATO Security Investment Program (NSIP) management responsibility and the NATO funds recoupment program. The U.S. 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, efficient operation and maintenance, and life safety, fire protection, and environmental compliance); Construction Surveillance (ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies). Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.						
11. REQ:		NA		ADQT:		NA
				SUBSTD:		NA
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to represent U.S. interests during the planning, design, and construction of projects funded by foreign governments, when U.S. 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 U.S.						

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Planning and Design Host Nation Worldwide Various (Planning and Design)			Host Nation Support		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
91211A		96400	92943	Approp 26,000	
REQUIREMENT: (CONTINUED)					
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 U.S. 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, efficient operation and maintenance, and life safety, fire protection, and environmental compliance); Construction Surveillance (ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies).					
12. SUPPLEMENTAL DATA:					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment Nomenclature		Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	
		NONE			

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 17 MAR 2023	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 96100		7. PROJECT NUMBER 92942		8. PROJECT COST (\$000) Approp 270,875
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						296,875
00000 Planning and Design (Base)		LS	--		--	(284,356)
00000 Planning and Design (PDI)		LS	--		--	(11,000)
00000 Planning and Design (EDI)		LS	--		--	(1,519)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						296,875
CONTINGENCY (0.00%)						0
SUBTOTAL						296,875
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						296,875
TOTAL REQUEST (ROUNDED)						296,875
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. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.						
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 U.S. 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 2024 program; for advancement to final design of projects in FY 2023 and for initiation of design of projects in FY 2025. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army						

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Planning and Design Worldwide Various			Planning and Design		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
91211A		96100	92942	Approp 270,875	
REQUIREMENT: (CONTINUED)					
(DA) Facility Standardization Program.					
12. SUPPLEMENTAL DATA:					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment Nomenclature		Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	
		NONE			

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				17 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Minor Construction Worldwide Various			Minor Construction		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
91211A		96200	92944	Approp 76,280	
CURRENT SITUATION: (CONTINUED)					
IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address urgent and unforeseen requirements that arise during the year.					
12. SUPPLEMENTAL DATA:					
B. Equipment associated with this project which will be provided from other appropriations:					
Equipment <u>Nomenclature</u>		Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	
		NONE			

Host Country In-Kind Contributions
Poland Provided Infrastructure
Calendar Year (CY) 2024
Part IA

<u>PROJECT NUMBER</u>	<u>PROJECT DESCRIPTION</u>	<u>(\$000)</u>	<u>NEW/CURRENT</u> <u>MISSION</u>	<u>PAGE</u>
Powidz				
91234	Barracks and Dining Facility	\$ 93,000	c	136
91237	Rail Extension and Railhead	\$ 7,300	c	138
92447	Bulk Fuel Storage	\$ 35,000	c	140
92449	Rotary Wing Aircraft Apron	\$ 35,000	c	142
Total		\$ 170,300		

1. COMPONENT Army	POLAND FUNDED CONSTRUCTION			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Powidz Air Base Poland		4. PROJECT TITLE Barracks & Dining Facility		
5. PROGRAM ELEMENT	6. CATEGORY CODE 721 14	7. PROJECT NUMBER 91234	8. PROJECT COST (\$000) 93,000	
9. COST ESTIMATES				
ITEM	UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY				71,741
Barracks, Transient Training	SF	207,660	274.59	(57,021)
Dining Facility, Transient Trng	SF	21,300	542.33	(11,552)
Redundant Power	LS	--	--	(314)
Cybersecurity Measures	LS	--	--	(840)
Sustainability/Energy Measures	LS	--	--	(1,250)
Antiterrorism Measures	LS	--	--	(764)
SUPPORTING FACILITIES				10,909
Electric Service	LS	--	--	(1,790)
Water, Sewer, Gas	LS	--	--	(3,225)
Paving, Walks, Curbs And Gutters	LS	--	--	(517)
Storm Drainage	LS	--	--	(394)
Site Imp(4,477) Demo()	LS	--	--	(4,477)
Information Systems	LS	--	--	(289)
Antiterrorism Measures	LS	--	--	(217)
ESTIMATED CONTRACT COST				82,650
CONTINGENCY (5.00%)				4,133
SUBTOTAL				86,783
SUPERVISION, INSPECTION & OVERHEAD (7.30%)				6,335
TOTAL REQUEST				93,118
TOTAL REQUEST (ROUNDED)				93,000
INSTALLED EQT-OTHER APPROPRIATIONS				(577)
10. Description of Proposed Construction Construct Transient Training Barracks and Dining Facility to support a continuous rotational force of 1,200 personnel. Primary facilities include the barracks, a dining facility, and redundant power. Both enlisted and officer billets will be provided for within the facilities. Antiterrorism measures for this project are unique in nature and not included in the unit cost of the building. Heating will be provided by connection to the existing utility system. Supporting facilities include utility connections, fire protection and alarm systems, cybersecurity measures, energy monitoring control system (EMCS) connection, site clearing and grading, and landscaping. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 278 Tons).				
11. REQ: 232,491 SF ADQT: NONE SUBSTD: NONE				
PROJECT: Construct Barracks and a Dining Facility at Powidz Air Base (AB), Poland. (Current				

1. COMPONENT Army		POLAND FUNDED CONSTRUCTION		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Powidz Air Base Poland			4. PROJECT TITLE Barracks & Dining Facility		
5. PROGRAM ELEMENT	6. CATEGORY CODE 721 14	7. PROJECT NUMBER 91234	8. PROJECT COST (\$000) 93,000		
<p>PROJECT: (CONTINUED) Mission)</p> <p>REQUIREMENT: This project is required to provide lodging and dining facilities suitable to the basic living requirements of forward deployed rotational forces. The facilities must accommodate reception, living/sleeping, basic hygiene, off-hour activities, laundry, general storage, and dining. This project will provide space to house forward-deployed units, directly improving responsiveness during bilateral and multilateral exercises and training with allies and partners. This project will improve capability and readiness response to support Operation Atlantic Resolve.</p> <p>CURRENT SITUATION: Currently no barracks nor dining facilities are available to support U.S. rotational training operations at Powidz AB. Existing lodging and dining facilities are capable of meeting only the minimal needs of host nation operations and do not possess the size nor capacity to accommodate the increased demand from the influx of proposed U.S. personnel. The existing facilities are at maximum capacity supporting Polish Soldier.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, no adequate barracks and dining facilities capable of supporting rotational U.S. forces will be available. Therefore, responsiveness for bilateral and multilateral exercises and training missions would be compromised. This limitation will impede readiness and restrict training schedules, directly limiting theater presence and impairing mission capability, readiness, and contingency support to Operation Atlantic Resolve.</p> <p>ADDITIONAL: The Tri-Service Pricing Guide was used to estimate Primary and Supporting Facility Costs. However, no recent history for construction is available in Poland for the dominant Category Codes (72114) Barracks and (72212) Dining Facility. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>					

1. COMPONENT	POLAND FUNDED CONSTRUCTION			2. DATE	MARCH 2023
Army					
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Swietoszew Poland			Rail Extension and Railhead		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
	860 10	91237	7,300		
9. COST ESTIMATES					
ITEM	UM	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					
Railroad Tracks with Railhead	LS	--	--	4,675	
Engine Runaround Track	LS	--	--	(3,573)	
Concrete Hardstand	LS	--	--	(735)	
Sustainability/Energy Measures	LS	--	--	(176)	
Antiterrorism Measures	LS	--	--	(89)	
Building Information Systems	LS	--	--	(89)	
SUPPORTING FACILITIES					
Electric Service	LS	--	--	(13)	
Paving, Walks, Curbs And Gutters	LS	--	--	1,571	
Storm Drainage	LS	--	--	(205)	
Site Imp(1,037) Demo()	LS	--	--	(186)	
Information Systems	LS	--	--	(94)	
ESTIMATED CONTRACT COST					
				6,246	
CONTINGENCY (5.00%)				312	
SUBTOTAL				6,558	
SUPERVISION, INSPECTION & OVERHEAD (7.30%)				479	
DESIGN/BUILD - DESIGN COST (4.0000%)				262	
TOTAL REQUEST				7,299	
TOTAL REQUEST (ROUNDED)				7,300	
INSTALLED EQT-OTHER APPROPRIATIONS				(8)	
10. Description of Proposed Construction					
<p>Construct a Rail Extension and Railhead at Zagan Training Area, Poland. Primary facilities include a railroad track extension and railhead, engine runaround track, hardstand, antiterrorism/force protection measures, and building information systems. Supporting facilities include utility connections, security lighting, area lightning protection, storm drainage, and site improvements. Low Impact Development Best Management Practices (LID-BMPs) are included. Facilities will be designed as permanent construction in accordance with DoD Unified Facilities Criteria (UFC) 1-202-01, Host Nation Facilities in Support of Military Operations; Host Nation regulations. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided.</p>					
11. REQ:	2 MI	ADQT:	NONE	SUBSTD:	NONE
PROJECT:					
Construct a Rail Extension and Railhead at Zagan Training Area, Poland. (Current Mission)					
REQUIREMENT:					
This project is required to support U.S. Army, Europe's (USAREUR) mission, to					

1. COMPONENT Army		POLAND FUNDED CONSTRUCTION		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Swietoszw Poland			4. PROJECT TITLE Rail Extension and Railhead		
5. PROGRAM ELEMENT	6. CATEGORY CODE 860 10	7. PROJECT NUMBER 91237	8. PROJECT COST (\$000) 7,300		
<p>REQUIREMENT: (CONTINUED)</p> <p>assure our Allies, and to deter further Russian aggression in the Atlantic Resolve area of operation. The project will provide new rail lines and spurs, end and side-load ramps, staging and laydown area, hardstand and service lanes. The project supports USAREUR's objective of providing the capability, including essential infrastructure, to mass an armored brigade combat team (ABCT) within 72 hours anywhere in Europe. In addition to its primary function to facilitate rapid movement of combat capability in theater, the facility will be available to reconstitute units and equipment engaged in a crisis; to serve as a U.S. controlled marshalling area for reception and staging of additional forces as required; and for the maintenance, storage and consolidation of additional equipment used to support training and exercises.</p> <p>CURRENT SITUATION:</p> <p>There are no existing rail loading areas adjacent to U.S. operational areas, forcing tracked vehicles to drive on local roadways. In addition, the closest short side-load docks are dangerous and slow for rail operations and a crane is required to supplement loading and unloading operations. The current facilities are not large enough to support U.S. military equipment and under current conditions it takes up to 30 days to deploy out of the area due to insufficient rail capacity.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, rotational armored brigade combat teams (ABCTs) will not be able to move via rail, which will negatively impact U.S. flexible deterrent response options. The capability to rapidly and frequently move both equipment and personnel is key to deterrence. Failure to establish side- and end-load railheads jeopardizes the survivability of equipment in the event of contingency operations. Heavy equipment transporters (HETs) are not available in sufficient quantities to move our heaviest vehicles and the local road and bridge network will not support line haul movements through much of Eastern Europe.</p> <p>ADDITIONAL:</p> <p>Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p>					

1. COMPONENT Army		POLAND FUNDED CONSTRUCTION			2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Swietoszew Poland				4. PROJECT TITLE Bulk Fuel Storage		
5. PROGRAM ELEMENT		6. CATEGORY CODE 411 32	7. PROJECT NUMBER 92447		8. PROJECT COST (\$000) 35,000	
9. COST ESTIMATES						
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					24,058	
Cut-and-Cover Bulk Liquid Fuel Storage		BL	24,141	751.76	(18,148)	
Fuel Truck Fill Stand		EA	6	221,766	(1,331)	
Fueling Support Building		SF	2,000	1,019	(2,038)	
Rail Unload Facility		EA	2	556,241	(1,112)	
Tank Truck Load Unload Facility		EA	1	145,865	(146)	
Total from Continuation page(s)					(1,283)	
SUPPORTING FACILITIES					6,878	
Electric Service		LS	--	--	(1,206)	
Water, Sewer, Gas		LS	--	--	(617)	
Paving, Walks, Curbs And Gutters		LS	--	--	(822)	
Storm Drainage		LS	--	--	(309)	
Site Imp(2,583) Demo()		LS	--	--	(2,583)	
Information Systems		LS	--	--	(1,341)	
ESTIMATED CONTRACT COST					30,936	
CONTINGENCY (5.00%)					1,547	
SUBTOTAL					32,483	
SUPERVISION, INSPECTION & OVERHEAD (7.30%)					2,371	
TOTAL REQUEST					34,854	
TOTAL REQUEST (ROUNDED)					35,000	
INSTALLED EQT-OTHER APPROPRIATIONS					(4,893)	
10. Description of Proposed Construction Construct Bulk Fuel Storage to support the deployment of Brigade Combat Teams. Primary facilities include primary and secondary bulk fuel tank storage, liquid fuel load/unload facilities to include tank truck load/off-load facility and fuel truck fill stands, fueling support building, rail load/unload facility, railroad tracks, and redundant power. Construction includes area fire and lightning protection systems. Heating and air-conditioning will be provided by standalone systems. Building information systems for this project are unique in nature and not included in the unit cost of the building. Supporting facilities include site development, connectors for additional fuel receipt capability, utilities and connections, perimeter security, lighting, paving, walks, curbs, gutters, storm drainage, landscaping, fencing, and signage. 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. Cyber Security Measures will be incorporated into this project. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Air Conditioning (Estimated 32 Tons).						
11. REQ: 24,141 BL		ADQT: NONE		SUBSTD: 9,523 BL		

1. COMPONENT Army	POLAND FUNDED CONSTRUCTION			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Swietoszw Poland		4. PROJECT TITLE Bulk Fuel Storage		
5. PROGRAM ELEMENT	6. CATEGORY CODE 411 32	7. PROJECT NUMBER 92447	8. PROJECT COST (\$000) 35,000	

9. COST ESTIMATES (CONTINUED)

ITEM	UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)				
Railroad Tracks	LF	1,080	518.14	(560)
Redundant Power	EA	11	6,525	(72)
Cybersecurity	EA	2	252,500	(505)
Sustainability/Energy Measures	LS	--	--	(51)
Building Information Systems	LS	--	--	(95)
			Total	1,283

PROJECT:
Construct a Bulk Fuel Storage Facility at a Worldwide Unspecified Location.
(Current Mission)

REQUIREMENT:
This project is required to support the military exercises and training, while sustaining a rotational presence. Infrastructure to support rotational forces is a key enabler for training and combat operations at training locations. This project will provide the infrastructure to support training and operational deployments. These facilities improve multimodal operations, increase responsiveness for bilateral and multilateral exercises.

CURRENT SITUATION:
There is not an adequate fuel system to support training operations.

IMPACT IF NOT PROVIDED:
If this project is not provided, there will not be a fuel distribution system capable of supporting the training mission. This limitation will compromise responsiveness to multilateral exercises and training missions.

ADDITIONAL:
Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.

1. COMPONENT Army		POLAND FUNDED CONSTRUCTION		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Powidz Air Base Poland			4. PROJECT TITLE Rotary Wing Aircraft Apron		
5. PROGRAM ELEMENT	6. CATEGORY CODE 113 20	7. PROJECT NUMBER 92449	8. PROJECT COST (\$000) 35,000		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					26,973
Rotary Wing Parking Apron, Paved		SY	163,845	109.67	(17,969)
Rotary Wing Taxiway, Paved		SY	16,218	284.89	(4,620)
Aircraft Loading Apron, Paved		SY	20,908	138.24	(2,890)
Aircraft Washing Apron, Paved		SY	4,119	225.49	(929)
Plant /Utilities Building		SF	100	182.22	(18)
Environmental Mitigation 2%		LS	--	--	(547)
SUPPORTING FACILITIES					3,998
Electric Service		LS	--	--	(641)
Water, Sewer, Gas		LS	--	--	(161)
Steam And/Or Chilled Water Distribution		LS	--	--	(547)
Site Imp(2,340) Demo()		LS	--	--	(2,340)
Information Systems		LS	--	--	(309)
ESTIMATED CONTRACT COST					30,971
CONTINGENCY (5.00%)					1,549
SUBTOTAL					32,520
SUPERVISION, INSPECTION & OVERHEAD (7.30%)					2,374
TOTAL REQUEST					34,894
TOTAL REQUEST (ROUNDED)					35,000
INSTALLED EQT-OTHER APPROPRIATIONS					(25)
10. Description of Proposed Construction Construct a Rotary Wing Apron using conventional design and construction methods to support the U.S. Army's Northern Logistics and Power Projection Hub at Powidz Air Base, Poland. Primary facilities includes rotary wing parking, washing apron, and a loading apron for issuance of fuel. Supporting facilities include site development, utility connections, lighting, paving, parking, storm drainage, landscaping, and signage. Low Impact Construction includes apron pavement using medium-load design, 650-pounds-per-square-inch (psi) portland cement concrete (PCC), asphalt shoulders, a separation layer, a drainage layer, a drainage system, edge lighting, pavement markings, and earthwork and grading. Design and construction efforts will be executed in accordance with host-nation agreements for the PP-I and NATO Standardization Agreements (STANAGs) to include construction and environmental permits. Facilities will be designed as permanent construction in accordance with Bi-Strategic Commands (Bi-SC) Directive 85-5, NATO Approved Criteria and Standards for Airfields, and DoD Unified Facilities Criteria (UFC) 3-260-01, Airfield and Heliport Planning and Design. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism (AT) requirements per UFC 4-010-01. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.					

1. COMPONENT Army	POLAND FUNDED CONSTRUCTION			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Powidz Air Base Poland		4. PROJECT TITLE Rotary Wing Aircraft Apron		
5. PROGRAM ELEMENT	6. CATEGORY CODE 113 20	7. PROJECT NUMBER 92449	8. PROJECT COST (\$000) 35,000	
11. REQ: 163,845 SY ADQT: NONE SUBSTD: NONE PROJECT: Construct a Rotary Wing Apron at Powidz Air Base, Poland (Current Mission). REQUIREMENT: This project is required to support Atlantic Resolve rotations, combat aviation flight operations, and contingency response missions from centrally-located Powidz AB. The shifting strategic environment in Eastern Europe and ongoing contingency planning efforts have demonstrated the need to increase joint and combined forces prepositioned in theater. Forward positioning of a Heavy Combat Aviation Brigade (-) is critical in reducing deployment timelines and improving responsiveness. Powidz AB serves as a power projection node with reception, staging, onward movement, and integration capabilities. Critical to its success is developing adequate, forward-based, rotary wing aircraft parking capabilities to sustain daily aircraft movements in and out of the theater. CURRENT SITUATION: Adequate Rotary Wing Aviation Apron facilities capable of supporting U.S. rotational training operations are not available at Powidz AB. Currently, zero percent of the total U.S. requirement necessary to sustain planned operations is available. Existing parking positions are scheduled for demolition in accordance with the Powidz AB Area Development Plan. Additionally, the existing parking positions are structurally inadequate to meet the minimal requisite necessary for U.S. operations and do not possess the size or space types necessary to accommodate proposed U.S. personnel and equipment. These facilities are also fully utilized, prohibiting their use to satisfy this requirement. IMPACT IF NOT PROVIDED: If this project is not provided, adequate Rotary Wing Aviation Apron facilities capable of supporting rotational U.S. operations will not be available to the DoD or its allies and partners. Therefore, responsiveness for bilateral and multilateral exercises and training missions would be compromised. This limitation will impede readiness and restrict training schedules, directly limiting theater presence and impairing mission capability, readiness, and contingency support to Operation Atlantic Resolve. ADDITIONAL: Powidz AB has been selected to host an Army Prepositioned Stock (APS) set and is targeted for development as the "Center of Gravity" for northeastern European operations. This project satisfies part of the short-term and initial development required to sustain rotational training in the European theater. It also represents a key element in the current U.S. military planning for crises. Prepositioning of equipment is part of a long-term approach to the U.S. posture in Europe, involving greater reliance on rotational U.S.- based forces as part of an integrated assurance package. Required assessments have been made for supporting facilities, and the project is not in a 100-year floodplain in accordance with Executive Order 11988. This project has been coordinated with				

1. COMPONENT Army	POLAND FUNDED CONSTRUCTION			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Powidz Air Base Poland			4. PROJECT TITLE Rotary Wing Aircraft Apron	
5. PROGRAM ELEMENT	6. CATEGORY CODE 113 20	7. PROJECT NUMBER 92449	8. PROJECT COST (\$000) 35,000	
<p>ADDITIONAL: (CONTINUED)</p> <p>the installation physical security plan, and all physical security measures are included. All required AT protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy, complying with applicable laws and executive orders.</p>				

Host Country In-Kind Contributions
 Republic of Korea Funded Construction
 Calendar Year (CY) 2024
 Part IA

<u>PROJECT NUMBER</u>	<u>PROJECT DESCRIPTION</u>	<u>(\$000)</u>	<u>NEW/CURRENT MISSION</u>	<u>PAGE</u>
Pusan				
85194	Warehouse Facility	\$ 40,000	c	146
	Total	\$ 40,000		
Camp Walker				
92668	Consolidated Fire and Military Police Station	\$ 44,000	c	149
	Total	\$ 44,000		
Camp Humphreys				
92940	Airfield Services Storage Warehouse	\$ 7,100	c	155
	Total	\$ 7,100		
Camp Carroll				
94319	Humidity Controlled Warehouse	\$ 189,000	c	158
	Total	\$ 189,000		
Bonifas				
100912	Vehicle Maintenance Shop	\$ 7,700	c	162
	Total	\$ 7,700		
	Total	\$ 287,800		

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Pusan Korea			4. PROJECT TITLE WAREHOUSE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 20	7. PROJECT NUMBER 85194	8. PROJECT COST (\$000) 40,000		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					32,467
Humidity Controlled Warehouse		SF	83,420	343.63	(28,666)
Special Foundation (Piles)		SF	130,405	11.61	(1,514)
Racking System		LS	--	--	(1,000)
Cybersecurity Measures		EA	4	250,000	(1,000)
SDD & EP Act 05		LS	--	--	(265)
Building Information Systems		LS	--	--	(22)
SUPPORTING FACILITIES					3,331
Electric Service		LS	--	--	(952)
Water, Sewer, Gas		LS	--	--	(130)
Paving, Walks, Curbs And Gutters		LS	--	--	(776)
Storm Drainage		LS	--	--	(325)
Site Imp(800) Demo(320)		LS	--	--	(1,120)
Information Systems		LS	--	--	(28)
ESTIMATED CONTRACT COST					35,798
CONTINGENCY (5.00%)					1,790
SUBTOTAL					37,588
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					2,255
TOTAL REQUEST					39,843
TOTAL REQUEST (ROUNDED)					40,000
INSTALLED EQT-OTHER APPROPRIATIONS					(4)
10. Description of Proposed Construction Utilize host-nation funding to construct a multi-story humidity-controlled warehouse with reinforced concrete foundation, floor structural slab and frame with a minimum of 30ft ceiling heights for all floors. Construct the roof of concrete deck with insulation and a single-ply roofing membrane. Construct the exterior walls of reinforced concrete masonry with EIFS. Functional areas will include CFCI storage racking system for specialty sized bulk storage. Wet type sprinkler system for storage per NFPA 13 will be provided and water storage and fire pump are required. Facility will be ADA compliant and requires electronically operated overhead coiling doors, administrative office areas, a unisex toilet, a communications room, electric forklift recharging area (one per floor), and a Class C1 freight elevator and a passenger elevator, with backup generator, that meets Americans with Disabilities Act (ADA as per ASME A17.1) requirements. Other components necessary include a humidity-controlled atmosphere, a wet building fire sprinkler system, HVAC (for administrative areas), and lighting and communications support. Elevated loading docks are required. Supporting facilities include site development, utilities and connections, lighting, paving, walks, curbs and gutters, forklift ramps with 10 ft wide dock apron, storm drainage, information systems, landscaping to include storm water management, and signage. Heating and air conditioning will be provided by self- contained systems. The project includes demolition of warehouse open storage shed T-1431 and 1432, totals are 37,800SF.					

1. COMPONENT Army	REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Pusan Korea		4. PROJECT TITLE WAREHOUSE FACILITY		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 20	7. PROJECT NUMBER 85194	8. PROJECT COST (\$000) 40,000	
<p>IMPACT IF NOT PROVIDED:</p> <p>Without a new facility stored materials will continue to be stored in an unsafe and out-of-date facility or within individual containers on the site which is prone to flooding. This will continue to cause additional costs to the Army due to deterioration of stored supplies and equipment due to facilities that do not meet army standards. Additionally, adequate space cannot be provided to store the material in support of the mission of U.S. Forces Korea and Theater-Level AOR stockage.</p> <p>ADDITIONAL:</p> <ol style="list-style-type: none"> 1. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 2. This project has been coordinated with the installation physical security plan, and all physical security and AT/FP measures are included. 3. Alternative methods of meeting the requirement have been explored during project development. 4. This project is the only feasible option to meet this new requirement. 5. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are noncompatible with use by other components. 6. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development, and construction of this project and it will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders. 7. No portion of this facility is intended for Republic of Korea personnel exclusive or primary use. 8. The project is located on an enduring installation which will be retained by United States Forces Korea (USFK) for the foreseeable future. 9. The possibility of Host Nation funding has been addressed. Funds from Host Nation programs are available to support this requirement. 				

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Walker Korea			4. PROJECT TITLE Consolidated Fire and Military Police Station		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730 10	7. PROJECT NUMBER 92668	8. PROJECT COST (\$000) 48,000		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					38,426
Fire & MP Station include Arms Room		SF	50,429	567.00	(28,593)
Parking Structure		SF	17,857	349.94	(6,249)
Special Foundation		LF	11,975	45.72	(548)
Cybersecurity Measures		EA	3	250,000	(750)
Generator System		LS	--	--	(595)
Total from Continuation page(s)					(1,691)
SUPPORTING FACILITIES					5,021
Electric Service		LS	--	--	(1,311)
Water, Sewer, Gas		LS	--	--	(486)
Paving, Walks, Curbs And Gutters		LS	--	--	(498)
Storm Drainage		LS	--	--	(589)
Site Imp(1,131) Demo(540)		LS	--	--	(1,671)
Information Systems		LS	--	--	(127)
Antiterrorism Measures		LS	--	--	(99)
Natural Gas connection		LS	--	--	(240)
ESTIMATED CONTRACT COST					43,447
CONTINGENCY (5.00%)					2,172
SUBTOTAL					45,619
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					2,737
TOTAL REQUEST					48,356
TOTAL REQUEST (ROUNDED)					48,000
INSTALLED EQT-OTHER APPROPRIATIONS					(166)
10. Description of Proposed Construction Utilize host-nation funding to construct a modified standard design multi-story, multi-function facility to combine fire department, military police (DES), emergency transport services (MEDEVAC), and a three-story parking structure for GOV and POV parking with first floor secure storage area (17,857 SF). Project includes a fire department five vehicle & apparatus bays (2 vehicles per bay) to support the USAG Daegu Fire Department, Directorate of Emergency Services (DES), Military Police (MP), and emergency transport services on Camp Walker, Korea. This facility will include personnel accommodations for all three services, including personnel residential areas, communication and control room, administration areas, training areas, information systems, service storage areas, arrest holding cell space, arms room, and installation of fire protection and alarm systems, Electronic Security System (ESS) pathways includes Entry Control, Energy Monitoring Control Systems (EMCS) connections, Intrusion Detection System (IDS), Closed Circuit Television (CCTV) systems, Data Transmission Media (DTM), alarm reporting systems for monitor, control and display, and Cyber-security Measures. Military Police facilities include command, administration, traffic, patrol operations, admin support, intake administration, intake processing, and detention. For associated vehicle storage, a heated bay for vehicle garage and essential equipment. Project to include access for persons with disability and antiterrorism measures incorporated. This facility also requires a backup generator to support critical support missions and for COOP operations.					

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<p>9. COST ESTIMATES (CONTINUED)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">ITEM</th> <th style="text-align: left;">UM</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">UNIT COST</th> <th style="text-align: right;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5">PRIMARY FACILITY (CONTINUED)</td> </tr> <tr> <td>SDD & EP Act05: Sust/Energy Measures</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(572)</td> </tr> <tr> <td>Antiterrorism Measures</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(572)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(547)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right; border-top: 1px solid black;">1,691</td> </tr> </tbody> </table> <p>Total 1,691</p> <p>Sustainability and energy enhancement measures are included. Supporting facilities include a three-story parking structure with controlled access to the GOV and staff parking areas, and a 17,857 SF storage area on the first floor. It will also include charging stations for 3 electronic GOV vehicles. Also included under Supporting Facilities are site construction and development, utilities and electrical connections, lighting, paving, and parking surfaces, walks, curbs and gutters, storm water and sewer drainage, information systems, landscaping, and garrison signage. Per UFC 4-730-10 para. emergency power generator and sustained backup power for 100% of the multi-facility power use, with fuel storage capacity for a period not less than 72 hours. Heating and air conditioning will be provided using dual fuel system of fuel oil and natural gas. Additional electrical and C4I pathways will be included in the MP portion of the facility to support Continuity of Operations (COOP) missions. AT/FP Measures in accordance with the 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 40 years in accordance with DoD's UFC 1-200- 02 including energy efficiencies, building envelope, and integrated building systems performance monitoring. The project requires the demolish 11 buildings at Camp Walker, KR (37,000 Total SF); buildings 712, 349, 358, 359, 408, 410, 416, 420, 421, 422, and 646 must be demolished before starting construction including demolition and disposal of asbestos containing materials. Remove pavements, roads, and utilities where necessary; relocate utilities as needed. Swing space is not required. The plan also funds the optional demolition of bldgs. B720 and B452 (old Fire Station) (Total 7,909 SF)</p>					ITEM	UM	QUANTITY	UNIT COST	COST (\$000)	PRIMARY FACILITY (CONTINUED)					SDD & EP Act05: Sust/Energy Measures	LS	--	--	(572)	Antiterrorism Measures	LS	--	--	(572)	Building Information Systems	LS	--	--	(547)				Total	1,691
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			Total	1,691																														
<p>11. REQ: 68,286 SF ADQT: NONE SUBSTD: 6,997 SF</p> <p>PROJECT:</p> <p>Construct a modified standard design multi-story, multi-function facility to combine fire department, military police (DES), and emergency transport (paramedic) services (MEDEVAC). Construction includes a multi-story facility and six vehicle & fire apparatus bays (2 vehicles per bay) to support the USAG Daegu Fire Department, Directorate of Emergency Services (DES) and Military Police (MP), and Paramedics services on Camp Walker, Korea. (Current Mission)</p>																																		

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Walker Korea			4. PROJECT TITLE Consolidated Fire and Military Police Station		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730 10	7. PROJECT NUMBER 92668	8. PROJECT COST (\$000) 48,000		
<p>PROJECT: (CONTINUED)</p> <p>REQUIREMENT:</p> <p>Camp Walker has several critical mission elements and critical facilities that are enablers for USFK forces and military operations in support of the defense of South Korea, including the theater network operations security center, the southern node of a peninsula-wide signal infrastructure, Noncombatant Evacuation Operations hub, CP Oscar with Life Support Activity, 168th Multifunctional Medical Battalion, 19th ESC administrative and tactical equipment maintenance facilities, Regional Cyber Center-Korea, and general mission support. This project will provide force protection for Soldier, Civilians, and families living and working on Camp Walker as well as help to ensure the resiliency of the Southern Hub to provide Theater Sustainment, supporting Joint and Combined forces to deter, defend, and defeat aggression on the Korean Peninsula. This ROKFC-funded project to construct a new Fire Department, MP & DES Station, and Paramedic outpost is required to ensure the emergency response mission capability and critical infrastructure on USAG Daegu and Area IV installations, and ensure they are resilient and able to withstand and respond successfully after an attack and in contingency operations. The essential elements of this project support the manpower, equipment, and resources to provide first responders from fire, police, and paramedics to respond, rescue, and treat soldiers and civilians. The facility shall have integrated vehicle parking for fire response and command vehicles, MP operational vehicles, a paramedic response vehicle, and limited parking for employee and visitors is provided. The facility provides space for the garrison staff and the Senior Responsible Officer to conduct continuity of operations (COOP) during crisis management, natural disasters, Non-Combatant Evacuation operations (NEO), and contingency operations. The facility shall have comprehensive building and furnishings related to each service and interior design services are required. For the MP space, a detention cell and a weapons/arms storage for readiness, base security, and law and order personnel. For the paramedic space, a dual lockable storage room and refrigerator for essential medical supplies. Lastly, this project will help to ensure the resiliency of the Southern Hub to provide Theater Sustainment, supporting Joint and Combined forces to deter, defend, and defeat aggression on the Korean Peninsula. The parking garage roof will be designed to support a Solar array on the top/roof on the building. (The solar array is a follow on ECRIP project)</p> <p>CURRENT SITUATION:</p> <p>USAG Daegu (Camp Henry, Camp George, and Camp Walker) is landlocked and has limited buildable space unless old facilities are demolished additionally, the AT/FP standoff for existing structures and infrastructure is based upon legacy standards and not the new UFC defined minimum standoff standards. Therefore, to maximize available land and meet new UFC AT/FP requirements, multipurpose and multi-story facilities are required. Currently on all USAG Daegu camps there is a shortage of Fire Department and Military Police mission essential facilities that meet Army Standard Design, and operational and mission essential space</p>					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Walker Korea			4. PROJECT TITLE Consolidated Fire and Military Police Station		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730 10	7. PROJECT NUMBER 92668	8. PROJECT COST (\$000) 48,000		
<p>CURRENT SITUATION: (CONTINUED)</p> <p>requirements. Current facility is approaching the end of its lifespan with an ISR Q3 rating from 2016; the facilities do not meet standard design or energy conservation requirements; nor does the current facility have the minimal quality of work regulatory requirements for conducting current operations (including joint service operations in accordance with DODI 6055.06, DoD Fire and Emergency Services (F&ES) Program), resulting in risks to operational mission personnel, facilities, and equipment, as well as life safety risks for all USAG Daegu military and community members. The current Camp Walker Military Police facility is a legacy admin facility operating at 20% of their size requirements. The current facility does not have the standard design requirements for conducting military police operations such as expanded hallways for escorting detainees within the intake area, segregation cells based upon rank, sex, or problem detainees, and the facility is not designed with special video, duress alarms, water control and turn off valves in detainee areas, and does not eliminate blind spots which endangers the safety and lives of the detainees, military police members and the community. Current Fire Station facilities cannot house new mission essential replacement equipment required to support the new generation of multi-story AFH and mission support facilities. Army Family Housing Operation (AFHO) funded the construction of four Army Family Housing (AFH) towers that have 15 stories per building and 90 dwelling units per building. Directorate of Emergency Services (DES) current equipment cannot fully support firefighting and emergency response for these high-rise structures. Therefore new 50' fire trucks have been ordered to meet these structural requirements, but exceeds the bay length of our current fire stations.</p> <p>OTHER CONSIDERATIONS:</p> <p>There is a Land Partnership Plan (LPP) project which relocates the main Access Control Point (ACP) of the installation right into the road in front of the current Fire Station facilities. The wall of the ACP is to be constructed right up against the roll up doors one of the buildings, severely limiting operational use of this building. Due to the road construction, all outside fire truck parking will be lost, as well as areas for the fire station trucks to pull out of the bays for maintenance, staging, and crew drills on the fire trucks. The Camp Henry fire station has a ladder truck with a reach of 75 feet, but the response time exceeds the minimum arrival time of 10 minutes to Camp Walker, let alone the AFH towers and schools. The current fire station was constructed in 1980 and is 5,360 SF with 4 bays. This ROKFC project meets the requirements for a modified standard design multi-story facility to combine fire department, military police (DES), and paramedic services (MEDEVAC), with total size of 5,283 SM.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not provided, it will hamper the Southern Hub's capability to provide Theater Sustainment, supporting Joint and Combined forces to deter, defend, and defeat aggression on the Korean Peninsula; as well as degrade the resiliency of emergency response forces and equipment to with stand and respond after an attack. Additionally, if this project is not constructed, there will be</p>					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
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5. PROGRAM ELEMENT	6. CATEGORY CODE 730 10	7. PROJECT NUMBER 92668	8. PROJECT COST (\$000) 48,000		
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>no new facilities to house equipment and emergency services personnel that support and respond to emergency situations at the newly constructed high rise army family housing (AFH) and unaccompanied personnel housing (UPH) in Area IV. As planned, this project, fire & MP station, will be located close to the AFH communities and next both the planned new Elementary school and current middle/high school, and CDC. Without this project, the Directorate of Emergency Services fire & military police services will continue to operate in a shortage of mission essential and substandard facilities that could jeopardize life, health, and safety of the mission forces, support personnel, and community members of USAG Daegu (Camp Henry, Camp George, and Camp Walker) and affect joint service tenant units' mission readiness. Additionally, the current outdated and failing facilities do not provide adequate storage and staging space for current and future fire-fighting equipment. If new standard design facilities are not constructed then the new mission-capable replacement equipment required to support fire response in high rise facilities, will not fit into existing facilities, and therefore will be parked in open weather, negatively affecting our ability to maintain the equipment and operational readiness due to environmental exposure and freezing conditions. Lastly, Area IV Crisis Management and Continuity of Operations will continue to be negatively impacted due to lack of consolidated, suitable facility for managing and tracking emergency and security response efforts and forces during natural disasters, crisis management, NEO, RSOI and/or contingency operations.</p> <p>ADDITIONAL:</p> <p>1. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.</p> <p>2. This project has been coordinated with the installation physical security plan, and all physical security and AT/FP measures are included.</p> <p>3. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p> <p>4. The possibility of Host Nation funding has been addressed. Funds from Host Nation programs are available to support this requirement.</p> <p>5. No portion of the facility(s) to be constructed, as identified within the scope of this DD1391, is intended for Republic of Korea personnel exclusive or primary use.</p> <p>6. The project is located on an enduring installation which will be retained by United States Forces Korea (USFK) for the foreseeable future.</p> <p>7. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use</p>					

1. COMPONENT Army	REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Camp Walker Korea		4. PROJECT TITLE Consolidated Fire and Military Police Station		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730 10	7. PROJECT NUMBER 92668	8. PROJECT COST (\$000) 48,000	
<p>ADDITIONAL: (CONTINUED) by other components.</p> <p>8. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy- complying with applicable laws and executive orders.</p> <p>9. This project is required to meet all applicable Design Standards and criteria for a consolidated headquarters Fire and Military Police (MP) Station.</p> <p>10. Current facilities do not meet minimal requirements for conducting current operations in accordance with DODI 6055.06, DoD Fire and Emergency Services (F&ES) Program.</p>				

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Humphreys Korea			4. PROJECT TITLE Airfield Services Storage Warehouse		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 24	7. PROJECT NUMBER 92940	8. PROJECT COST (\$000) 7,100		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					4,671
Aviation Storage Warehouse		SF	6,458	496.85	(3,209)
Open Storage Area, Installation		SF	39,870	17.28	(689)
Gas Cylinder Storage		SF	64.58	156.09	(10)
Special Foundation		LF	3,885	51.20	(199)
Cybersecurity Measures		LS	--	--	(500)
Antiterrorism Measures		LS	--	--	(64)
SUPPORTING FACILITIES					1,723
Electric Service		LS	--	--	(570)
Water, Sewer, Gas		LS	--	--	(140)
Paving, Walks, Curbs And Gutters		LS	--	--	(101)
Storm Drainage		LS	--	--	(108)
Site Imp(331) Demo(130)		LS	--	--	(461)
Antiterrorism Measures		LS	--	--	(34)
Information System - Supporting		LS	--	--	(309)
ESTIMATED CONTRACT COST					6,394
CONTINGENCY (5.00%)					320
SUBTOTAL					6,714
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					403
TOTAL REQUEST					7,117
TOTAL REQUEST (ROUNDED)					7,100
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction					
<p>Utilize host-nation funded to construct a new storage warehouse for airfield services. The warehouse shall include climate-controlled high-bay storage area and several specialized rooms including mechanical rooms, fire pump room, electrical room, communications room, battery charging room, a PLL (high value items) security room, and canopied area for items that may be stored outside. The Open bay space will house equipment serving the airfield operations such as grounds-keeping and airfield maintenance to include aircraft tractors (tugs), ground power units, lavatory service carts, aircraft access stands, maintenance stands, aircraft tow bars, ATVs, gators, various attachments to maintenance tractors (sweepers, lawn mowers, snow blowers, etc.). Other items to be stored will include snow removal chemicals, and miscellaneous tools and replacement parts. The facility shall include a central air-compressor and an emergency shower/eye wash and work station for repair work at the open bay area. The building shall have direct access to the airfield. Access for the handicapped is not required. FF&E package is not required, but interior design elements such as color selection and specified materials shall be included in the design.</p> <p>Construct an Open Storage Area shall include Chain Link & Decorative fence surround the facility with access. The brick wall should be in harmony with the adjacent building P-880 and the parking lot.</p>					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Humphreys Korea			4. PROJECT TITLE Airfield Services Storage Warehouse		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 24	7. PROJECT NUMBER 92940	8. PROJECT COST (\$000) 7,100		
<p>Supporting facilities shall include utility connections, general lighting and power, building mounted exterior lighting, fire protection and fire alarm, cybersecurity system, information systems, storm drainage, curbs and gutters, earthwork, minor landscaping and fencing. Utility work includes extending natural gas, water, sewer, power and communication services to the building and rerouting utilities in the footprint of the building. No parking is required.</p> <p>Natural lighting such as clerestory windows shall be included in the Open Bay Area (in addition to electrical lighting), and roof vents will assist in natural ventilation. Heating for the storage areas will be provided, and air-conditioning will be provided at the PLL storage room and communications room. Lighting protection is not required by the using agency.</p> <p>The building design shall be in conformance with the current UFC 4-440-01 Warehouses and Storage Facilities and other applicable criteria.</p>					
<p>11. REQ: 243,598 SF ADQT: 77,985 SF SUBSTD: 297,342 SF</p> <p>PROJECT: Construct a general purpose storage building for airfield services that is required to meet current operational shortages. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide critical functional space for an airfield services storage to accommodate charging stations, a centralized air compressor, airfield service vehicles and equipment and chemicals for airfield maintenance. Presently, there is no existing facility meeting these requirement on the airfield.</p> <p>CURRENT SITUATION: During the construction of the Airfield Operations Complex storage space supporting the airfield operations equipment, bird and wildlife mitigation materials and bird cannon maintenance space were lost. Airfield Operations is currently using temporary storage and swing space that will be demolished in 2020 due to construction of other airfield project with no acceptable work around.</p> <p>IMPACT IF NOT PROVIDED: Construction of A19R510 is vital to a "fight tonight" posture as it allows for more efficient airfield safety, support and maintenance. If not provided, aircraft support, runway clearing operations and wildlife management will be greatly diminished during adverse weather conditions or migratory season. As temporary/swing space facilities are lost essential storage/maintenance space is also lost with valuable equipment and materials are being stored outdoors in a hostile environment and subject to additional maintenance requirements or non-operations equipment.</p>					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Humphreys Korea			4. PROJECT TITLE Airfield Services Storage Warehouse		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 24	7. PROJECT NUMBER 92940	8. PROJECT COST (\$000) 7,100		
<p>ADDITIONAL:</p> <p>A. JOINT USE CERTIFICATE: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by the other components.</p> <p>B. HOST NATION: This project is located on an enduring installation which will be retained by the United States Forces Korea (USFK) for the foreseeable future. The Host Nation funding has been addressed to support this requirement.</p> <p>C. PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p>D. ANIT-TERRORISM/FORCE PROTECTION: All of the 21 Building Standards for Antiterrorism/Force Projections (AT/FP) will be evaluated and applied as required in UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings, Change 1, 19 August 2020 and UFC 4-020-01 11 September 2008. This warehouse facility will be located inside a secured military installation within an additionally secured airfield operations area. The building is considered Low Occupancy (less than 11 DoD personnel) and will essentially be unoccupied.</p> <p>E. SUSTAINABLE DESIGN AND DEVELOPMENT (SDD): LEED Silver Certifiable is not required because the building is classified as an unoccupied accessory use to an existing building (P880), therefore, certification by USBGC is not required, and a waiter is not required While LEED certification is not required, documentation on which credits were achieved will be prepared. Sustainable principles shall be integrated into the design, development, and construction of this project to the greatest extent possible. The Facility shall be designed to achieve energy consumption levels that are at least 30 percent below the levels established in the current version of the ASHRAE Standard 90.1 or the International Energy Conservation Code, as appropriate. All equipment going into this facility must be Energy Star rated or on the Federal Energy management Program (FEMP) approved list. All utilities shall be metered using advanced meters as defined by FEMP.</p> <p>F. Full Fire Projection is required by regulation and UFC 3-600-01. A fire alarm/suppression system; mass notification system (MNS) is not required since this is an unoccupied building. Fire Alarm panels shall include zone module cards to transmit exact location data to the fire alarm computer located at the fire department communication center through the use of a BT-XM building transmitter. A fire pump will be required in the facility due to low pressure/flow of the existing water supply.</p> <p>G. The design must comply with USAG Humphreys' Installation Planning Standards.</p> <p>H. No portion of this facility is intended for Republic of Korea personnel exclusive or primary use.</p>					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Carroll Korea			4. PROJECT TITLE HUMIDITY CONTROLLED WAREHOUSE		
5. PROGRAM ELEMENT		6. CATEGORY CODE 442 20	7. PROJECT NUMBER 94319	8. PROJECT COST (\$000) 189,000	
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					156,331
AFSBN-NEA & MSC-K Warehouse		SF	401,741	302.50	(121,526)
First Floor Structural Slab(AFSBN & MSC-K)		SF	111,417	39.56	(4,408)
Special Foundation (AFSBN & MSC-K)		LF	64,377	45.72	(2,943)
Apron (from Montana Road)		SF	33,260	256.64	(8,536)
Special Foundation (Apron)		LF	5,919	45.72	(271)
Total from Continuation page(s)					(18,647)
SUPPORTING FACILITIES					13,453
Electric Service		LS	--	--	(1,783)
Water, Sewer, Gas		LS	--	--	(1,813)
Paving, Walks, Curbs And Gutters		LS	--	--	(1,991)
Storm Drainage		LS	--	--	(2,203)
Site Imp(4,133) Demo(999)		LS	--	--	(5,132)
Information Systems		LS	--	--	(267)
Antiterrorism Measures		LS	--	--	(264)
ESTIMATED CONTRACT COST					169,784
CONTINGENCY (5.00%)					8,489
SUBTOTAL					178,273
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					10,696
TOTAL REQUEST					188,969
TOTAL REQUEST (ROUNDED)					189,000
INSTALLED EQT-OTHER APPROPRIATIONS					(4)
10. Description of Proposed Construction					
<p>Utilize host-nation funding to construct a Multi-functional, Multi-use, and Multi-level (4-floors)facility on Camp Carroll, Korea. The Facility shall have controlled humidity equipment storage, supply warehouse space, administrative office space, controlled secured arms maintenance shop, and life support facilities. This project will include all required supporting utilities such as power, water, sewer and fuel. The project will require roads, hard stands, and multi-level ramps. Vehicle Parking or staging area. This joint use facility shall provide a total of 450,000 sf of Tactical Unit, Care of Supplies in Storage (COSIS) Controlled Humidity (CH) Equipment Storage Space, Army Preposition Stock (APS) parts inventory storage, Basic Issued Items (BII) Storage, Medical Supplies Storage for United States Medical Material Command-Korea (USAMMC-K) and Arms Maintenance shops for both 403rd Army Field Support Battalion-North East Asia (AFSBN-NEA) and Material Support Command-Korea (MSC-K). The facility first and second floor shall be controlled humidity warehouse space totaling 300,000 sf. The controlled humidity space shall be capable of maintaining an optimal relative humidity of between 30-50% as outlined in TM38-470. The first and second floors shall be designed to include sufficient number of roll-up doors. The first and second floors shall incorporate a motion censored LED lighting system, a pulse tech battery charger w/retractable cable reel install above each designated equipment parking space, abundant amount of receptacle outlets and the floors shall be painted epoxy gloss grey with yellow designated parking lines designating</p>					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDE CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Carroll Korea			4. PROJECT TITLE HUMIDITY CONTROLLED WAREHOUSE		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 20	7. PROJECT NUMBER 94319	8. PROJECT COST (\$000) 189,000		
9. COST ESTIMATES (CONTINUED)					
ITEM		UM	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)					
USAMMA Warehouse		SF	22,281	492.12	(10,965)
First Floor Structural Slab(USAMMA)		SF	22,281	33.12	(738)
Special Foundation (USAMMA)		LF	3,701	45.72	(169)
Cybersecurity Measures		EA	3	250,000	(750)
Sustainability/Energy Measures		LS	--	--	(2,753)
Antiterrorism Measures		LS	--	--	(2,753)
Building Information Systems		LS	--	--	(519)
				Total	18,647
<p>each equipment parking space. The third floor shall consist of two 25,000sf (2,323sm) 403rd AFSBn-NEA Arms maintenance work shops and MSC-K Small Arms Repair Shop, 75,000sf (6,968sm) of parts warehouse space and a section consisting of 25,000sf (2,323sm) of BII work and storage space. The fourth floor shall be the top floor and will consist of public covered parking, facility utility room's elevators, stairs and latrines. The open air public parking space shall be all covered with sun shades. The current road for the area that branches off of Montana Avenue shall be used as the entryway to the multi-level ramps for the facility. A new road shall be established that will run behind the newly projected facility. The first three floors shall incorporate a male and female latrine, administrative office space, break areas, and wall mounted water fountains. The facility shall incorporate LED lighting systems, powered roll-up doors, heated workspace; heated/air-conditioned office/training and LSA; fixed and movable racking system where required; Property Book Office and Information Management Office storage areas; and phone/LAN thru out. Special provisions will be made in supply areas for receive/pack/ship spaces. Administrative space will include open-plan areas, enclosed offices, conference/training/break room, latrines with showers and room for lockers, vending room/kitchenette, and office supply closet. Supporting infrastructure requirements include underground utilities (water, sewer, storm drainage, natural gas or fuel oil, communications and electric service); equipment staging and GOV parking; roadways, ramps, paved/fenced hardstands; gutters and security systems, landscaping and other site improvements</p>					
11. REQ: 452,084 SF ADQT: NONE SUBSTD: NONE					
PROJECT:					
Construct a 401,741 SF APS-4 Control Humidity Warehouse, Heated Warehouse, Heated, Air Conditioned and Ventilated Administrative offices and open air roof top POV parking facility.(Current Mission)					
REQUIREMENT:					
PROPOSED CONSTRUCTION: Continued. The supporting infrastructure will require electrical distribution, i.e. 800kVA XFMR, Cabling, Manual Transfer Switch (MTS),					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Carroll Korea			4. PROJECT TITLE HUMIDITY CONTROLLED WAREHOUSE		
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 20	7. PROJECT NUMBER 94319	8. PROJECT COST (\$000) 189,000		
<p>REQUIREMENT: (CONTINUED)</p> <p>450KWe, 480V, 50/60Hz Emergency Back-up Generator Set with a two week fuel supply storage tank. Supporting infrastructure will also include but will not be limited to potable water meters, lines, and valves, wastewater infrastructure shall have lift station and piping. Fire and smoke detection, central emergency alarms, and fire suppression sprinklers will be installed throughout the building in accordance with the Unified Facilities Criteria and other applicable codes. Building heat system will be dual-fueled (NG primary; fuel oil secondary).</p> <p>Accessibility for individuals with disability will be provided throughout IAW ADA/ADA. Anti-Terrorism/Force Protection and security measures including stand-off, safety glass, security lighting and cameras, and appropriate locks and access controls, will be provided IAW the Unified Facilities Criteria and other codes and regulations. The facility will not store compressed gas cylinders, flammables or explosive materials. Comprehensive Interior Design and furnishings related design services are required. LEED certification-enabling, Sustainable Design and Development (SOD) and Energy Policy Act of 2005 (EP Act 05) features will be provided. Dis-assemble Tension Fabric Structure:the structure will be inventoried boxed up and turned over to the local Garrison Commands Directorate of Public Works.</p> <p>Requirement: APS 4 supports USFK/8th Army OPLANS with approximately half of combat power on the Korean peninsula. APS 4 also supports the US Air Force war reserve material. Army Publication; TM 38-470 addresses the requirement for Control Humidity Storage Space for Care of Supplies in Storage (COSIS) of Army Preposition Stock (APS) to minimize the requirement for maintenance and extending the life cycle of the equipment for issue to multi-war fighters in time of contingency. In addition to the controlled humidity space this facility must incorporate the existing facilities at the locations and their missions of supply, basic issued items (BII), Arms Maintenance and POV Parking. The 403RD AFSBn-NEA, APS-4 in Korea has 8086 pieces of equipment worth more than \$2B. In 2016 an increase to the Modified Table of Organization and Equipment (MTOE), APS-4 had increased by 900 pieces of equipment. This increase resulted in the total utilization of all available control humidity storage space, while still requiring an additional 150,000 ft². The 403rd AFSBn-NEA in Korea is scheduled to receive an additional three heavy engineering MTOE consisting of approximately 500 pieces of equipment requiring 150,000 sq. of storage space.</p> <p>CURRENT SITUATION:</p> <p>The current situation places the 403rd AFSBn-NEA, Camp Carroll, Korea with a short coming of 300,000ft² of Humidity Controlled equipment storage space. Army Preposition Stock-4 (APS-4) Camp Carroll, Korea, has a requirement for a multi-purpose facility that will provide 300,000 ft.² of Control Humidity Equipment Storage, 100,000 ft.² supply warehouse for equipment parts and Basic Issue Items (BII) and 50,000 ft.² arms maintenance, office space and roof top parking. Building S-818, S-821, S-831 and S-832 should be demolished and replaced with this a multi-purpose facility.</p>					

1. COMPONENT Army	REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)			2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Camp Carroll Korea			4. PROJECT TITLE HUMIDITY CONTROLLED WAREHOUSE	
5. PROGRAM ELEMENT	6. CATEGORY CODE 442 20	7. PROJECT NUMBER 94319	8. PROJECT COST (\$000) 189,000	
<p>CURRENT SITUATION: (CONTINUED)</p> <p>IMPACT IF NOT PROVIDED:</p> <p>If this project is not approved; The 403rd AFSBn-NEA, APS-4 at Camp Carroll, Korea will be forced to continue to improperly store equipment. Storing equipment outdoors in the harsh Korean weather causes equipment to prematurely desecrate, doubling the COSIS maintenance intervals. Army Publication; TM 38-470. The unforeseen effects of long time storage that has been kept outdoors in harsh weather conditions may have the potential for premature failure of equipment components that are not covered under routine rotational maintenance. This will have adverse effects on equipment readiness and reliability for use by multi-war fighters.</p> <p>ADDITIONAL:</p> <p>1. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.</p> <p>2. This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p>3. All required antiterrorism protection measures are included.</p> <p>4. Alternative methods of meeting this requirement have been explored during project development.</p> <p>5. This project meets the criteria/scope specified in Army Regulation 740-1 "Storage and Supply Activity Operations", dated 26 August 2008. A preliminary analysis of reasonable options for satisfying this requirement indicates that only one option will meet mission needs. .</p> <p>6. Sustainable principles will be integrated into the design, development, and construction of the project and it will be programmed to achieve the equivalent of a LEED-NC2009 Silver Certification in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>7. The possibility of Host Nation funding has been addressed. Funds from Host Nation programs are available to support this requirement.</p> <p>8. No portion of this facility is intended for Republic of Korea personnel exclusive or primary use.</p> <p>9. The project is located on an enduring installation which will be retained by United States Forces Korea (USFK) for the foreseeable future.</p>				

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Bonifas Korea			4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT	6. CATEGORY CODE 214 10	7. PROJECT NUMBER 100912	8. PROJECT COST (\$000) 7,700		
9. COST ESTIMATES					
ITEM		UM	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					5,549
TEMF, Small - Army, Regular, <21,000 SF		SF	9,397	459.42	(4,317)
HAZMAT Storage - Installation		SF	96.01	382.87	(37)
Organizational Vehicle Parking		SF	20,172	7.46	(150)
Org Veh Parking Power & Data Conduit Sys		SF	20,172	2.24	(45)
Cyber Security Measure		LS	--	--	(750)
Sustainability/Energy Measures		LS	--	--	(250)
SUPPORTING FACILITIES					1,269
Electric Service		LS	--	--	(150)
Water, Sewer, Gas		LS	--	--	(150)
Paving, Walks, Curbs And Gutters		LS	--	--	(100)
Storm Drainage		LS	--	--	(100)
Site Imp(350) Demo()		LS	--	--	(350)
Antiterrorism Measures		LS	--	--	(350)
Other		LS	--	--	(69)
ESTIMATED CONTRACT COST					6,818
CONTINGENCY (5.00%)					341
SUBTOTAL					7,159
SUPERVISION, INSPECTION & OVERHEAD (7.30%)					523
TOTAL REQUEST					7,682
TOTAL REQUEST (ROUNDED)					7,700
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Construct a non-standard design Tactical Equipment Maintenance Facility complex. Project includes 9,400SF small vehicle maintenance facility. An inspection pit, 10-ton bridge crane, oil/water separators, backup generator and roll-up doors will be included. VMF will also include locker rooms, commo shop, parts storage, COMSEC vault, break/training and conference room, petroleum and other hazardous materiel storage, and maintenance space, 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 system OR connection to the existing energy plant OR etc.]. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.. Facilities will be designed to a minimum life of 40 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.					

1. COMPONENT Army		REPUBLIC OF KOREA FUNDED CONSTRUCTION (ROKFC)		2. DATE MARCH 2023	
3. INSTALLATION AND LOCATION Camp Bonifas Korea			4. PROJECT TITLE Vehicle Maintenance Shop		
5. PROGRAM ELEMENT	6. CATEGORY CODE 214 10	7. PROJECT NUMBER 100912	8. PROJECT COST (\$000) 7,700		
11. REQ: 9,397 SF ADQT: NONE SUBSTD: NONE PROJECT: Construct a Vehicle Maintenance Facility on Bull's Eye No. 1. REQUIREMENT: This project is required to provide service and maintenance for various tactical vehicles which will be used by UNCSB-JSA. CURRENT SITUATION: The vehicle maintenance facilities at Bull's Eye No. 1 does not support parking space for all vehicles in unit's current fleet, and therefore, will not support a growing fleet of 5x additional tactical vehicles requested on the unit's 2020 TDA submission. The lack of space for all vehicles to be parked in a more functional manner severely impacts the unit's ability to quickly respond to any potential incidents in the Joint Security Area, and thus directly affects the unit's ability to perform its mission. Additionally, the space is not a functional layout that supports integration of operator and unit levels of maintenance. Current space used for maintenance activity administrative actions lacks heating, office and restroom space in order to accommodate maintenance Soldiers. The area currently used as administrative space consists of temporary facilities made from storage containers that need to be turned in as soon as possible. IMPACT IF NOT PROVIDED: Failure to provide these facilities will result in a service, maintenance and operation problem at UNCSB-JSA. This Vehicles Maintenance Facility will be without adequate service and maintenance support, adversely affecting the operation requirement at UNCSB-JSA. ADDITIONAL: This project is the only feasible option to meet requirements.					

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Department of the Army Fiscal Year (FY) 2024 Budget Estimates Submission

Army Family Housing

JUSTIFICATION DATA SUBMITTED TO CONGRESS
March 2023

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
TABLE OF CONTENTS

	<u>PAGE</u>
BUDGET SUMMARY	
Summary.....	1
State List.....	3
Summary of Inventory and Condition (Exhibit FH-11).....	7
Annual Inadequate Family Housing Elimination (Exhibit FH-8).....	11
LEGISLATIVE LANGUAGE.....	15
Items of Interest.....	17
NEW CONSTRUCTION.....	19
IMPROVEMENT CONSTRUCTION.....	39
PLANNING & DESIGN.....	49
OPERATION, MAINTENANCE AND UTILITIES.....	53
Operation, Maintenance and Utilities, Summary (Exhibit FH-2)...	55
Foreign Currency Exchange Data (Exhibit PB-18).....	58
Reprogramming Actions	59
OPERATIONS.....	61
Management Summary and Exhibit OP-5.....	63
Services Summary and Exhibit OP-5.....	65
Furnishings Summary and Exhibit OP-5.....	67
Miscellaneous Summary and Exhibit OP-5.....	69
MAINTENANCE AND REPAIR.....	71
Maintenance & Repair Exhibit OP-5.....	72
General and Flag Officers Quarters Maintenance and Repair Exceeding \$35,000 Per Unit.....	73
General and Flag Officers Quarters Operation and Maintenance Exceeding \$35,000 Per Unit.....	88
General and Flag Officers Quarters Units over 6,000 (NSF).....	90
General and Flag Officers Quarters Privatized Operation and Maintenance Exceeding \$50,000 Per Unit.....	91

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
TABLE OF CONTENTS (Continued)

	<u>PAGE</u>
UTILITIES.....	93
Utilities Exhibit OP-5.....	94
LEASING.....	95
Leasing Exhibit OP-5.....	97
Analysis of Leased Units (Exhibit FH-4).....	98
MILITARY HOUSING PRIVATIZATION INITIATIVE.....	105
Privatization Exhibit OP-5.....	107
Privatization (Exhibit FH-6).....	108
Privatization (Exhibit UH-6).....	111
REIMBURSABLE PROGRAM.....	113

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
SUMMARY

(\$ in Thousands)

FY 2024 Budget Request	\$690,380
FY 2023 Program Budget	\$605,750
¹ FY 2023 Enactment: Construction Cost to Complete Funding	\$321,722
² FY 2023 Enactment: Oversight of DoD's Housing Portfolio	\$ 10,000
FY 2023 Appropriated Amount	\$937,472

¹Funds provided by Congress in FY 2023 for cost to complete construction projects.

²Funds provided by Congress in FY 2023 for oversight of the Army's family housing portfolio.

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget Request supports the operation, maintenance, leasing, privatization oversight and construction for military Family housing worldwide. In support of the Army's Facility Investment Strategy (FIS), the FY 2024 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

The Army Family housing inventory reflects adjustments made due to improved accountability. Facilities deteriorate over time and become inadequate; transformation and stationing decisions generate new and revised housing requirements. The Army is using both Family Housing Operation and Maintenance and Construction funds to eliminate inadequate dwellings and housing shortages. These funding requests will improve the quality of life for Soldiers and their Families.

The Army Family Housing Construction (AFHC) request includes replacement construction of 20 units at Kwajalein Atoll, 70 units for a new construction project at Baumholder, Germany, and Military Housing Privatization Initiative (MHPI) equity investments at Fort Gordon and Fort Leonard Wood.

The Army Family Housing Operations (AFHO) request is based on annual changes to the inventory, inflation, and currency adjustments. These programmatic adjustments are explained in each section.

The Army's scheduled Residential Communities Initiative (RCI) program consists of approximately 86,550 privatized end state units at 49 military installations, representing over 99% of the on-post Family housing inventory in the U.S. The Army continues to execute additional oversight and accountability as directed by legislation and to extend the life of the Army's infrastructure investment in the RCI program.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
SUMMARY (Continued)

PROGRAM SUMMARY

Authorization is requested for the performance of new construction, improvements, planning and design of future construction projects, operation, maintenance, utilities, leasing, and privatization oversight for Army Family Housing in the amount of \$690,380,000:

Appropriation of \$690,380,000 is requested to fund:

- a. Family Housing New Construction, Improvement Construction, and Planning and Design
- b. Family Housing Operation and Maintenance to support inventory authorized in existing legislation.

REQUEST

A summary of the FY 2024 AFH funding program follows:

	<u>Sub Total</u> <u>(in Thousands)</u>	<u>Grand Total</u> <u>(in Thousands)</u>
CONSTRUCTION REQUEST		304,895
New Construction	177,346	
Improvement Construction	100,000	
Planning and Design	27,549	
OPERATION AND MAINTENANCE REQUEST		385,485
Operation	60,833	
Maintenance of Real Property	86,706	
<u>Utilities</u>	<u>38,951</u>	
Subtotal Government Owned	186,490	
Leasing	112,976	
Privatization	86,019	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		690,380
REIMBURSABLE PROGRAM		10,000
TOTAL FAMILY HOUSING PROGRAM		700,380

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----
Germany		Germany Various (IMCOM)		
		Baumholder Fam Hsg		
	91814	Family Housing New Construction	78,746	78,746
		Subtotal Germany Various Part IIA	\$ 78,746	78,746
		* TOTAL AFH FOR Germany	\$ 78,746	78,746
Kwajalein		Kwajalein Atoll (SMDC)		
	92515	Family Housing Replacement Construction	98,600	98,600
		Subtotal Kwajalein Atoll Part IIA	\$ 98,600	98,600
		* TOTAL AFH FOR Kwajalein	\$ 98,600	98,600
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 177,346	177,346

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
ARMY FAMILY HOUSING
IMPROVEMENT CONSTRUCTION
(PART IIA) (DOLLARS ARE IN
THOUSANDS) INSIDE THE
UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----
Georgia	103671	Fort Gordon (IMCOM) MHPI Equity Investment	50,000	50,000
		Subtotal Fort Gordon Part IIA	\$ 50,000	50,000
		* TOTAL AFH FOR Georgia	\$ 50,000	50,000
Missouri	103636	Fort Leonard Wood (IMCOM) MHPI Equity Investment	50,000	50,000
		Subtotal Fort Leonard Wood Part IIA	\$ 50,000	50,000
		* TOTAL AFH FOR Missouri	\$ 50,000	50,000
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 100,000	100,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 2024
ARMY FAMILY HOUSING
Planning and Design (PART
IIA)(DOLLARS ARE IN
THOUSANDS) WORLDWIDE

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----
Worldwide	Various	Planning and Design		
	93040	Family Housing P & D	27,549	27,549
		Subtotal Planning and Design Part IIA	\$ 27,549	27,549
		* TOTAL AFH FOR Worldwide Various	\$ 27,549	27,549
		** TOTAL WORLDWIDE FOR AFH	\$ 27,549	27,549
		MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 304,895	304,895

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

FH-11 PB Inventory and Condition of Government-Owned, Family Housing Units WORLDWIDE (Number of Dwelling Units in Inventory) Fiscal Year 2024								
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Beginning of FY Adequate Inventory Total	6,752	8,436	8,331	8,604	8,920	9,247	9,364	9,554
FCI of 90% to 100% (Good Condition)	5,552	6,092	6,119	6,476	6,796	7,135	7,377	7,599
FCI of 80% to 89% (Fair Condition)	1,200	2,344	2,212	2,128	2,124	2,112	1,987	1,955
Beginning of FY Inadequate Inventory Total	3,349	1,615	961	927	788	758	609	599
FCI of 60% to 79% (Poor Condition)	2,616	1,102	684	663	554	546	453	443
FCI of 59% and below (Failing Condition)	733	513	277	264	234	212	156	156
Beginning of FY Total Inventory	10,101	10,051	9,292	9,531	9,708	10,005	9,973	10,153
Percent Adequate - Begin of FY Inventory	67%	84%	90%	90%	92%	92%	94%	94%
Inadequate Inventory Reduced Through:	714	654	34	139	30	149	10	-
Construction (MilCon)	-	-	-	16	-	-	-	-
Maintenance & Repair (O&M)	374	79	26	99	30	115	10	-
Privatization	-	60	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	340	515	8	24	-	34	-	-
Funded by Host Nation	-	-	-	-	-	-	-	-
Adequate Inventory Changes:	664	(105)	273	316	327	117	190	219
Construction (MilCon)	340	315	277	274	297	128	180	223
Maintenance & Repair (O&M)	374	79	26	99	30	115	10	-
Privatization	(14)	(310)	-	(9)	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	(36)	(189)	(30)	(48)	-	(126)	-	(4)
End of FY Adequate Inventory Total	8,436	8,331	8,604	8,920	9,247	9,364	9,554	9,773
FCI of 90% to 100% (Good Condition)	6,092	6,119	6,476	6,796	7,135	7,377	7,599	7,818
FCI of 80% to 89% (Fair Condition)	2,344	2,212	2,128	2,124	2,112	1,987	1,955	1,955
End of FY Inadequate Inventory Total	1,615	961	927	788	758	609	599	599
FCI of 60% to 79% (Poor Condition)	1,102	684	663	554	546	453	443	443
FCI of 59% and below (Failing Condition)	513	277	264	234	212	156	156	156
End of FY Total Inventory	10,051	9,292	9,531	9,708	10,005	9,973	10,153	10,372
Percent Adequate - End of FY Inventory	84%	90%	90%	92%	92%	94%	94%	94%

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

FH-11 PB Inventory and Condition of Government-Owned, Family Housing Units UNITED STATES (CONUS plus Hawaii and Alaska) (Number of Dwelling Units in Inventory) Fiscal Year 2024								
	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
Beginning of FY Adequate Inventory Total	416	476	202	206	197	197	197	197
FCI of 90% to 100% (Good Condition)	340	334	136	142	133	133	133	133
FCI of 80% to 89% (Fair Condition)	76	142	66	64	64	64	64	64
Beginning of FY Inadequate Inventory Total	221	93	47	43	43	43	43	43
FCI of 60% to 79% (Poor Condition)	203	73	32	28	28	28	28	28
FCI of 59% and below (Failing Condition)	18	20	15	15	15	15	15	15
Beginning of FY Total Inventory	637	569	249	249	240	240	240	240
Percent Adequate - Begin of FY Inventory	65%	84%	81%	83%	82%	82%	82%	82%
Inadequate Inventory Reduced Through:	93	46	4	-	-	-	-	-
Construction (MilCon)	-	-	-	-	-	-	-	-
Maintenance & Repair (O&M)	41	4	4	-	-	-	-	-
Privatization	-	33	-	-	-	-	-	-
Demolition/Divestiture/Diversions/Conversion	52	9	-	-	-	-	-	-
Funded by Host Nation	-	-	-	-	-	-	-	-
Adequate Inventory Changes:	25	(274)	4	(9)	-	-	-	-
Construction (MilCon)	34	9	-	-	-	-	-	-
Maintenance & Repair (O&M)	41	4	4	-	-	-	-	-
Privatization	(14)	(281)	-	(9)	-	-	-	-
Demolition/Divestiture/Diversions/Conversion	(36)	(6)	-	-	-	-	-	-
End of FY Adequate Inventory Total	476	202	206	197	197	197	197	197
FCI of 90% to 100% (Good Condition)	334	136	142	133	133	133	133	133
FCI of 80% to 89% (Fair Condition)	142	66	64	64	64	64	64	64
End of FY Inadequate Inventory Total	93	47	43	43	43	43	43	43
FCI of 60% to 79% (Poor Condition)	73	32	28	28	28	28	28	28
FCI of 59% and below (Failing Condition)	20	15	15	15	15	15	15	15
End of FY Total Inventory	569	249	249	240	240	240	240	240
Percent Adequate - End of FY Inventory	84%	81%	83%	82%	82%	82%	82%	82%

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

FH-11 PB Inventory and Condition of Government-Owned, Family Housing Units FOREIGN (includes U.S. Territories) (Number of Dwelling Units in Inventory) Fiscal Year 2024								
	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
Beginning of FY Adequate Inventory Total	6,336	7,960	8,129	8,398	8,723	9,050	9,167	9,357
FCI of 90% to 100% (Good Condition)	5,212	5,758	5,983	6,334	6,663	7,002	7,244	7,466
FCI of 80% to 89% (Fair Condition)	1,124	2,202	2,146	2,064	2,060	2,048	1,923	1,891
Beginning of FY Inadequate Inventory Total	3,128	1,522	914	884	745	715	566	556
FCI of 60% to 79% (Poor Condition)	2,413	1,029	652	635	526	518	425	415
FCI of 59% and below (Failing Condition)	715	493	262	249	219	197	141	141
Beginning of FY Total Inventory	9,464	9,482	9,043	9,282	9,468	9,765	9,733	9,913
Percent Adequate - Begin of FY Inventory	67%	84%	90%	90%	92%	93%	94%	94%
Inadequate Inventory Reduced Through:	621	608	30	139	30	149	10	-
Construction (MilCon)	-	-	-	16	-	-	-	-
Maintenance & Repair (O&M)	333	75	22	99	30	115	10	-
Privatization	-	27	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	288	506	8	24	-	34	-	-
Funded by Host Nation	-	-	-	-	-	-	-	-
Adequate Inventory Changes:	639	169	269	325	327	117	190	219
Construction (MilCon)	306	306	277	274	297	128	180	223
Maintenance & Repair (O&M)	333	75	22	99	30	115	10	-
Privatization	-	(29)	-	-	-	-	-	-
Demolition/Divestiture/Diversion/Conversion	-	(183)	(30)	(48)	-	(126)	-	(4)
End of FY Adequate Inventory Total	7,960	8,129	8,398	8,723	9,050	9,167	9,357	9,576
FCI of 90% to 100% (Good Condition)	5,758	5,983	6,334	6,663	7,002	7,244	7,466	7,685
FCI of 80% to 89% (Fair Condition)	2,202	2,146	2,064	2,060	2,048	1,923	1,891	1,891
End of FY Inadequate Inventory Total	1,522	914	884	745	715	566	556	556
FCI of 60% to 79% (Poor Condition)	1,029	652	635	526	518	425	415	415
FCI of 59% and below (Failing Condition)	493	262	249	219	197	141	141	141
End of FY Total Inventory	9,482	9,043	9,282	9,468	9,765	9,733	9,913	10,132
Percent Adequate - End of FY Inventory	84%	90%	90%	92%	93%	94%	94%	95%

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
FH-8 Exhibit: Annual Inadequate Family Housing Elimination FY 2022

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2022	10,101	3,349	714
FY 2022 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			374
* AFHO/Minor M&R/JBMHH	87	86	40
* AFHO/Minor M&R/Rock Island Arsenal	82	11	1
* AFHO/Minor M&R/USAG Ansbach	1,035	245	8
* AFHO/Major M&R/USAG Bavaria	1,633	560	111
* AFHO/Major M&R/USAG Rheinland Pfalz	1,240	652	16
* AFHO/Major M&R/USAG Stuttgart	1,337	217	72
* AFHO/Minor M&R/USAG Wiesbaden	1,768	311	7
* AFHO/Major M&R/Kwajalein Atoll	452	383	48
* AFHO/Major M&R/USAG Daegu	201	17	2
* AFHO/Minor M&R/USAG Japan	848	501	69
FY 2022 total units privatized (no longer require FH O&M) to eliminate inadequate housing			-
FY 2022 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			340
* Demolition/Dugway PG	133	68	15
* Demolition/Fort A P Hill	25	12	12
* Demolition/SSC Natick	7	5	5
* Demolition/Rock Island Arsenal	82	11	8
* Demolition/AFHC/Tobyhanna AD	28	12	12
* Return to Host Nation/USAG Ansbach	1,035	245	6
* Demolition/AFHC/USAG Italy	209	209	209
* Demolition/USAG Rheinland Pfalz	1,240	652	15
* Conversion/Kwajalein Atoll	452	383	1
* Demolition/USAG Japan	848	501	56
* Return to Host Nation/USAG Japan	848	501	1
Total Units at end of FY 2022	10,051	1,615	714

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

FH-8 Exhibit: Annual Inadequate Family Housing Elimination FY 2023

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2023	10,051	1,615	654
FY 2023 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			79
* AFHO/Major M&R/JBMHH	87	10	4
* AFHO/Major M&R/USAG Bavaria	1,633	104	1
* AFHO/Minor M&R/USAG Stuttgart	1,337	47	6
* AFHO/Minor M&R/USAG Japan	791	221	68
FY 2023 total units privatized (no longer require FH O&M) to eliminate inadequate housing			60
* PRIVATIZATION/SIPI/Fort Buchanan	56	27	27
* PRIVATIZATION/SIPI/Fort McCoy	120	2	2
* PRIVATIZATION/SIPI/Fort Hunter Liggett	84	29	29
* PRIVATIZATION/SIPI/Rock Island Arsenal	80	2	2
FY 2023 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			515
* Divestiture/SIPI/Iowa AAP	1	1	1
* Divestiture/SIPI/Letterkenny	6	3	3
* Divestiture/SIPI/Watervliet Arsenal	7	5	5
* Converted/USAG Ansbach	1,029	169	162
* Demolition/AFHC/USAG Rheinland Pfalz	1,225	290	92
* Return to Host Nation/USAG Wiesbaden	1,768	316	12
* Demolition/USAG Wiesbaden	1,768	316	132
* Demolition/AFHC/Kwajalein Atoll	451	296	108
Total Units at end of FY 2023	9,292	961	654

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
FH-8 Exhibit: Annual Inadequate Family Housing Elimination FY 2024

	Total Inventory	Total Inadequate Inventory	Total Inadequate Addressed
Total Units at beginning of FY 2024	9,292	961	34
FY 2024 total traditional construction (Milcon) and O&M projects to eliminate inadequate units			26
* AFHO/Major M&R/JBMHH	87	6	4
* AFHO/Minor M&R/USAG Bavaria	1,633	103	2
* AFHO/Minor M&R/USAG Rheinland Pfalz	1,133	198	3
* AFHO/Minor M&R/Kwajalein Atoll	343	188	14
* AFHO/Minor M&R/USAG Japan	791	153	3
FY 2024 total units privatized (no longer require FH O&M) to eliminate inadequate housing			-
FY 2024 total units demolished/ divested/ or otherwise permanently removed from Family housing inventory			8
* Demolition/AFHC/USAG Wiesbaden	1,600	172	8
Total Units at end of FY 2024	9,531	927	34

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC.2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military family housing functions as specified in the funding table in section 4601, the Secretary of the Army may construct or acquire family housing units (including land acquisition and supporting facilities) at the installations or locations, in the number of units, and in the amounts set forth in the following table:

Army Family Housing

State	Installation	Purpose	Amount (\$)
Germany	Baumholder	70 units	78,746,000
Kwajalein	Kwajalein Atoll	20 units	98,600,000
Georgia	Fort Gordon	Equity Investment	50,000,000
Missouri	Fort Leonard Wood	Equity Investment	50,000,000
	Total	90 units	277,346,000

(b) PLANNING AND DESIGN. -- Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military family housing functions as specified in the funding table in section 4601, 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 [\$17,339,000] \$27,549,000.

SEC. 2103. 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, [\$491,061,000] \$304,895,000.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

(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 [\$446,411,000] \$385,485,000.

APPROPRIATION LANGUAGE

Family Housing Construction, Army

For expenses of Family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, alteration, architectural and engineering services and construction design activities for construction and improvements as authorized by law, [\$491,061,000] \$304,895,000 to remain available until September 30, 2028.

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, [\$446,411,000] \$385,485,000.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

Items of Interest – MILCON Appropriations Committees

According to Title 10 USC Sections 2831 and 2884 and Public Law 117-328, Omnibus Appropriations Act, 2023, the Army provides the following reports:

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

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

General and Flag Officers Quarters, Units Over 6,000 Net Square Feet (NSF) (See Tab, GFOQ O&M costs);

General and Flag Officers Quarters, Privatized GFOQ over \$50K (See Tab, GFOQ M&R over \$50K);

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

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
NEW CONSTRUCTION

(\$ in Thousands)

FY 2024 Budget Request	\$177,346
FY 2023 Program Budget	\$152,000
¹ FY 2023 Enactment: Cost to Complete	\$189,900
FY 2023 Appropriated Amount	\$341,900

¹Funds provided by Congress in FY 2023 for cost to complete construction projects.

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it is more economical to build new units rather than lease or revitalize existing Army Family housing. New units are 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, walkways, utility systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 2024 for:

1. Construction of 90 new Family housing units.
2. Appropriation in the amount of \$177,346,000 to fund construction of 90 new Family housing units.

A summary of the requested new construction funding program for FY 2024 follows:

Location	Mission	Units Constructed	Units Demolished	Amount (\$000)
Baumholder, GE	Current	70	0	\$78,746
Kwajalein Atoll	Current	20	64	\$98,600
	TOTAL:	90	64	\$177,346

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 14 FEB 2023																														
3. INSTALLATION AND LOCATION Germany Various Germany				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 1.14																													
6. PERSONNEL STRENGTH:	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL																												
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL																													
A. AS OF 30 SEP 2022	5101	20459	12201	7	197	0	5108	20656	12201	75,930																												
B. END FY 2028	5105	20776	12202	8	164	0	5113	20940	12202	76,510																												
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <p>A. TOTAL AREA..... 114,026 AC</p> <p>B. INVENTORY TOTAL AS OF 31 DEC 2022..... 41,102,459</p> <p>C. AUTHORIZATION NOT YET IN INVENTORY..... 1,179,918</p> <p>D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM..... 78,746</p> <p>E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM..... 61,500</p> <p>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... 0</p> <p>G. REMAINING DEFICIENCY..... 0</p> <p>H. GRAND TOTAL..... 42,434,012</p>																																						
<p>8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CAT</td> <td style="width: 50%;"></td> <td style="width: 15%;">COST</td> <td style="width: 25%;">DESIGN STATUS</td> </tr> <tr> <td>CODE</td> <td>PROJECT TITLE</td> <td>SCOPE/UM (\$000)</td> <td>START COMPLETE</td> </tr> <tr> <td>71116</td> <td>Family Housing New Construction</td> <td>70.00/FA 78,746</td> <td>11/2021 12/2023</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>78,746</td> <td></td> </tr> </table>											CAT		COST	DESIGN STATUS	CODE	PROJECT TITLE	SCOPE/UM (\$000)	START COMPLETE	71116	Family Housing New Construction	70.00/FA 78,746	11/2021 12/2023	TOTAL		78,746													
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TOTAL		78,746																																				
<p>9. FUTURE PROJECT APPROPRIATIONS:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CATEGORY</td> <td style="width: 50%;"></td> <td style="width: 15%;">COST</td> <td style="width: 25%;"></td> </tr> <tr> <td>CODE</td> <td>PROJECT TITLE</td> <td>(\$000)</td> <td></td> </tr> <tr> <td colspan="4">A. INCLUDED IN THE FY 2025 PROGRAM:</td> </tr> <tr> <td>71116</td> <td>Family Housing Replacement Construction</td> <td>61,500</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>61,500</td> <td></td> </tr> <tr> <td colspan="4">B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</td> </tr> <tr> <td colspan="2">C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):</td> <td colspan="2">N/A</td> </tr> </table>											CATEGORY		COST		CODE	PROJECT TITLE	(\$000)		A. INCLUDED IN THE FY 2025 PROGRAM:				71116	Family Housing Replacement Construction	61,500		TOTAL		61,500		B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE				C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A	
CATEGORY		COST																																				
CODE	PROJECT TITLE	(\$000)																																				
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B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																						
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A																																				
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Installations support US Army, Europe and Seventh Army (USAREUR), a trained and ready force capable of rapidly responding and operating jointly in support of US European Command (EUCOM) theater strategy. Installations serve as a base for projecting power in and out of the EUCOM area of responsibility by providing facilities for training, maintaining, housing, and supporting USAREUR's subordinate and supporting units/organizations.</p>																																						
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"></td> <td style="width: 20%;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>												(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																				
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A. AIR POLLUTION	0																																					
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REMARKS:																																						

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Baumholder Fam Hsg Germany (Germany Various)				4. PROJECT TITLE Family Housing New Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 71116		7. PROJECT NUMBER 91814		8. PROJECT COST (\$000) Approp 78,746
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						45,254
71116 Junior NCO Enlisted E-1 thru 6 3		FA	30 --		685,829	(20,575)
71116 Junior NCO Enlisted E-1 thru 6 4		FA	16 --		752,816	(12,045)
71114 CO Grade Officer, O1-3 3 Bedroom		FA	10 --		720,388	(7,204)
00000 Cybersecurity Measures		EA	3 --		250,000	(750)
89113 Power Substation Switching Stati		EA	2 --		544,377	(1,089)
Total from Continuation page(s)						(3,591)
SUPPORTING FACILITIES						24,640
Electric Service		LS	--		--	(1,104)
Water, Sewer, Gas		LS	--		--	(4,638)
Paving, Walks, Curbs And Gutters		LS	--		--	(2,203)
Storm Drainage		LS	--		--	(2,534)
Site Imp(14,161) Demo()		LS	--		--	(14,161)
ESTIMATED CONTRACT COST						69,894
CONTINGENCY (5.00%)						3,495
SUBTOTAL						73,389
SUPV, INSP & OVERHEAD (7.30%)						5,357
TOTAL REQUEST						78,746
TOTAL REQUEST (ROUNDED)						79,000
INSTALLED EQT-OTHER APPROP						(815)
<p>10. Description of Proposed Construction Construct 70 family housing units (56 Junior Enlisted Family Housing units plus 14 Company Grade officer Family Housing units) at Wetzel housing area in Baumholder, Germany. The new housing units include: living areas, kitchen, bathrooms, bedrooms, storage, garages and private entrance. Supporting facilities include construction of required infrastructure to support the new facilities. Site work includes: new and improved utility lines and systems, storm drainage, streets and sidewalks, exterior lighting and information systems underground cables and hardware. Residential automatic sprinkler system will be provided. Construction will be in accordance with the Department of Defense DoD minimum Antiterrorism for Building Standards. Project shall comply with the Army Standard for Family Housing in UFC 4-711-01 and the Europe Army Family Housing standard design guide. Design and construction includes requirements of current Sustainable Design Development and Policy Update (Environmental and Energy Performance). Facilities will be designed for a 50 year life and be in accordance with UFC 1-200-02 to include energy efficiency, building envelope, and integrated building systems performance. Comfort cooling of the housing units is not required. Air Conditioning (Estimated 127 kW/36 Tons).</p> <p>PROJECT: Construct 70 dwelling units for primarily Junior enlisted personnel (includes 14 units for Company Grade officer families) at Wetzel Housing Area in Baumholder, Germany (current mission).</p> <p>REQUIREMENT: This Project is required to provide Army Family Housing (AFH) for junior</p>						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Baumholder Fam Hsg Germany (Germany Various)			4. PROJECT TITLE Family Housing New Construction		
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 71116	7. PROJECT NUMBER 91814	8. PROJECT COST (\$000) Approp 78,746		
9. COST ESTIMATES (CONTINUED)					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)					
89121 Heating Plant Building		m2 (SF)	168.15 (1,810)	6,315	(1,062)
89120 Fire Pump Station Bldg		m2 (SF)	168.15 (1,810)	2,462	(414)
89120 Sewage Pump House		m2 (SF)	176.52 (1,900)	1,651	(292)
Sustainability/Energy Measures		LS	--	--	(1,563)
00000 Post Construction Award Services		LS	--	--	(260)
				Total	3,591
REQUIREMENT: (CONTINUED)					
<p>enlisted personnel, and company grade officers, assigned to Baumholder Military Community. The latest Housing Market Analysis (HMA) documented 1457 government family housing units required for an end state of 3887 permanent party military personnel. Baumholder currently has 1164 Family Housing Units, many of which are approaching the end of their useful and economic life. New construction is more economical than full restoration of these 1950's era buildings to current standards. The master plan includes ongoing recapitalization of most of the existing housing inventory in the Baumholder Smith Barracks housing area. The Wetzel housing area was not programmed for recapitalization in the past decade because plans were to divest of it. Current restationing plans approved by OSD will require the Army to retain the Wetzel housing area. The adequate housing on Wetzel will continue to be fully utilized for the remaining economic life of the buildings. Inadequate housing that is no longer economical to revitalize will be divested and replaced with new housing which will fully comply with current Army Family Housing standards for space, security and storage. New housing units will increase capacity of Army Family housing required in the Wetzel housing area and replace units that have exceeded their useful life. This project is one of four neighborhoods planned for phased redevelopment and is critical to replace on-post housing and achieve the goal to maximize JNCO on-post family housing at Baumholder.</p> <p><u>CURRENT SITUATION:</u> The current situation finds Baumholder reversing its long-range plan from divestiture to growth. This requires reactivation of previously inactivated Wetzel housing inventory. As additional military families arrive, vacant quarters maintenance and repair work will be done as required to ensure units are fully adequate to assign and occupy. The long-term solution that is most viable and economical will phase replacement of the inventory on Wetzel. The worst housing will be the first replaced. Affordable adequate off post private rentals within the housing market area are insufficient to meet the requirement. Housing families further away off post creates isolation and separation of young military families from US support facilities and services on the Baumholder installation. Furthermore, most junior enlisted personnel families share a single vehicle creating additional logistical concerns between supporting the mission of the soldier and family needs of the spouse. The Wetzel housing area was constructed in the late 1950s to support the Baumholder military community. Normal wear and tear and depreciation of these old buildings are making them uneconomical to repair. This project begins the phased replacement of all remaining family housing units at Wetzel which do not meet current energy standards. The antiquated facilities are in need of complete replacement.</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023
3. INSTALLATION AND LOCATION Baumholder Fam Hsg Germany (Germany Various)			4. PROJECT TITLE Family Housing New Construction	
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 71116	7. PROJECT NUMBER 91814	8. PROJECT COST (\$000) Approp 78,746	
<p><u>CURRENT SITUATION: (CONTINUED)</u> Electrical, telephone and television wiring and outlets have over the years been repaired or replaced and have exceeded their economic and useful life. Flooring and stairs are cracked and chipped. Existing facilities do not meet modern energy or fire protection requirements and require ever increasing maintenance and repair due to their age, configuration and overall condition.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, inadequate on-post Family housing will continue to experience ever increasing, inefficient, breakdown maintenance and piecemeal repairs. Lower enlisted service members and their families will be required to live in inadequate housing both on and off post that does not provide adequate quality of life. This adversely affects the health, safety and morale of military members and their families. The effects of isolation from being dispersed further off post and the associated delays in mission recall time also impacts readiness.</p> <p><u>ADDITIONAL:</u> Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988. 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 and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category of common funding nor is it expected to become eligible in the foreseeable future.</p>				
12. <u>SUPPLEMENTAL DATA:</u>				
A. Estimated Design Data:				
(1) Status:				
(a) Design Start Date.....				NOV 2021
(b) Percent Complete as of January 2023.....				35.00
(c) Date 35% Designed.....				JUN 2022
(d) Date Design Complete.....				DEC 2023
(e) Parametric Cost Estimating Used to Develop Costs..				NO
(f) Type of Design Contract: Design-bid-build				
(g) An energy study and life cycle cost analysis will be documented during the final design.				
(2) Basis:				
(a) Standard or Definitive Design:Y				

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Baumholder Fam Hsg Germany (Germany Various)			4. PROJECT TITLE Family Housing New Construction		
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 71116	7. PROJECT NUMBER 91814	8. PROJECT COST (\$000) Approp 78,746		

12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	4,326
(b) All Other Design Costs.....	1,082
(c) Total Design Cost.....	5,408
(d) Contract.....	4,326
(e) In-house.....	1,082
(4) Construction Contract Award.....	JUL 2024
(5) Construction Start.....	AUG 2024
(6) Construction Completion.....	AUG 2026

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Range, Refrigerator, Washer, D	AFHO	2026	815
Info Sys - ISC	OPA	2025	0
Info Sys - PROP	OPA	2025	0
		Total	815

Installation Engineer: Phone Number: DSN: 314-541-4000

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT (YYMMDD) 230214		2. FISCAL YEAR 2024		REPORT CONTROL SYMBOL DD-AT&L(AR)1716	
3. DOD COMPONENT Army		4. REPORTING INSTALLATION							
5. DATA AS OF 170630		a. NAME Baumholder Family Housing				b. LOCATION Baumholder, Germany			
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		277	1,565	390	2,232	495	2,717	675	3,887
7. PERMANENT PARTY PERSONNEL		277	1,565	390	2,232	495	2,717	675	3,887
8. GROSS FAMILY HOUSING REQUIREMENTS		190	769	93	1,052	344	1,336	159	1,839
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		50	33	4	87				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		50	33	4	87				
10. VOLUNTARY SEPARATIONS		8	21	3	32	11	35	4	50
11. EFFECTIVE HOUSING REQUIREMENTS		132	715	86	933	333	1,301	155	1,789
12. HOUSING ASSETS (a+b)		132	715	86	933	136	828	155	1,119
a. UNDER MILITARY CONTROL		53	669	81	803	53	683	155	891
(1) Housed in Existing DoD Owned/Controlled		53	669	81	803	53	683	67	803
(2) Under Contract/Approved						0	0	88	88
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		79	46	5	130	83	145	0	228
(1) Acceptably Housed		79	46	5	130				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		0	0	0	0	197	473	0	670
14. PROPOSED PROJECT						0	0	70	70
15. REMARKS (Specify item number)									

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 14 FEB 2023			
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein				4. COMMAND US Army Space & Missile Defense Command					5. AREA CONSTRUCTION COST INDEX 3.74		
6. PERSONNEL STRENGTH:		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2022		13	7	54	0	0	0	13	7	54	148
B. END FY 2028		13	7	54	0	0	0	13	7	54	148

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	1,361 AC
B. INVENTORY TOTAL AS OF 31 DEC 2022.....	8,572,553
C. AUTHORIZATION NOT YET IN INVENTORY.....	100,800
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	98,600
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	8,771,953

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM (\$000)	START COMPLETE
71114	Family Housing Replacement Construction	20.00/FA 98,600	11/2021 12/2023
TOTAL		98,600	

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 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
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

REMARKS:

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein				4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 71114		7. PROJECT NUMBER 92515		8. PROJECT COST (\$000) Approp 98,600
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						54,614
71114 CO Grade Officer, 01-3 3 Bedroom		FA	10 --		2525500	(25,255)
71114 CO Grade Officer, 01-3 4 Bedroom		FA	10 --		2801723	(28,017)
Sustainability/Energy Measures		LS	--		--	(1,065)
00000 Post Construction Award Services		LS	--		--	(277)
SUPPORTING FACILITIES						32,902
Electric Service		LS	--		--	(1,418)
Water, Sewer, Gas		LS	--		--	(947)
Paving, Walks, Curbs And Gutters		LS	--		--	(616)
Storm Drainage		LS	--		--	(736)
Site Imp(13,940) Demo(14,106)		LS	--		--	(28,046)
Information Systems		LS	--		--	(1,139)
ESTIMATED CONTRACT COST						87,516
CONTINGENCY (5.00%)						4,376
SUBTOTAL						91,892
SUPV, INSP & OVERHEAD (7.30%)						6,708
TOTAL REQUEST						98,600
TOTAL REQUEST (ROUNDED)						99,000
INSTALLED EQT-OTHER APPROP						(590)
10. Description of Proposed Construction Construct 10 four-bedroom units (1,800 SF) and 10 three-bedroom (1,600 SF) units for Company Grade Officers and their families. Project includes required structural slab and demolition of 64 existing housing units (11 buildings) which comply with the provisions of UFC 4-711-01, Family Housing. Each replacement housing unit includes living areas, kitchen, bathrooms, bedrooms, storage, and laundry room. Heating, ventilation, and air conditioning will be provided. Project includes roofing, wall insulation, fire protection and alarm system, dishwasher, range/oven exhaust hood, telephone and internet wiring, individual air conditioning controls, hard-wired interconnected smoke detectors, storage, applicable military physical and informational security systems, and all equipment and Government furnished/contractor installed appliances for functional living units. Materials for construction shall be corrosion resistant, mold resistant, termite resistant, and meet air tightness per International Energy Conservation Code. Supporting facilities include required utility systems and connections, security lighting, paving, walks, curbs, gutters, fencing, gates, signage, dumpster pad, trash enclosures, and site improvements. Each dwelling unit will be individually metered to comply with ECB 2015-2 (Advanced Metering and Connectivity). Project will comply with Department of Defense Antiterrorism and Force Protection (AT/FP) requirements to include mass notification system, and other site measures. Comprehensive building and furnishings related interior design services are required. Replacement housing will be designed and constructed to serve a life expectancy of more than 25 years and comply with standards in Unified Facilities Criteria 4-711-01, 1-200-01 and Army Sustainable Design and Development policy.						

1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein			4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 71114	7. PROJECT NUMBER 92515	8. PROJECT COST (\$000) Approp 98,600		
<p><u>PROJECT:</u> Construct 10 four-bedroom units and 10 three-bedroom units for Company Grade Officers and their families including supporting infrastructure and demolition of 64 existing housing units.</p> <p><u>REQUIREMENT:</u> This project is required to reduce the deficit of on post housing and replacement of uninhabitable units due to inappropriate design for a tropical climate. This project supports 20 of the total requirement to house 18 Military and 107 DOD Civilian Employees and their families for a total of 125 AFH units. This project (PN92515, 20 AFH units) plus the FY18 (PN65981, 26 AFH units) and FY21 (PN77881, 24 AFH units) will build 70 AFH units of the AFH requirement for 125 AFH units. This project does not address the requirement to house 316 contractors. The conditions of these units are due to improper venting and insulation of attic spaces, and inadequate insulation of HVAC ductwork which promoted the growth of mold and mildew behind the walls and ceilings resulting in the breakdown of drywall, ceiling, and flooring material. The structural wood is deteriorated promoting unsafe conditions for personnel to live in the units. In addition, the existing units' wood framing was not adequately protected as part of the design allowing termites to begin nesting in the structures and causing rapid deterioration of structural members. A comprehensive building and furnishings design services are also required.</p> <p><u>CURRENT SITUATION:</u> There are no existing family housing facilities that can be upgraded, renovated, or expanded to meet the requirements of the personnel stationed at USAG Kwajalein. The 136 AFH units currently on hand were improperly designed and are subjected to prevailing winds and the effects of the caustic saltwater sea air from the ocean which contributes to severe damage to these units. 80 AFH units have been condemned and abandoned due to the conditions created through improper design. Families have been moved into temporary and permanent units that have exceeded their design life. This project (PN92515) will demolish 64 AFH units. The FY18 (PN65981) will demolish 34 AFH units and the FY21 (PN77881) will demolish 38 AFH units for a total of 136 AFH units. This project will build 20 AFH units, and in conjunction with prior year projects at Kwajalein, will leave a 55 AFH unit requirement, that the Army is planning to address in future budget requests.</p> <p>Kwajalein is a remote island located in the Republic of the Marshall Islands. Typical options such as RCI or off-post housing are not possible here. The remoteness of Kwajalein drives the cost of project development and construction to almost three times the typical CONUS cost thus making RCI or other market options untenable. The nearest island, Ebeye, with a population of about 6 times greater than that of Kwajalein within a much smaller land area, is not feasible due to the infrastructure on the island not being up to current American standards and therefore not able to sustain any additional population without significant additional support.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Garrison will not be able to provide adequate housing units for the military and DOD civilians. Families will continue to live in temporary and permanent units that have exceeded their design life. Maintenance and repair costs for these units cannot be sustained with the continually shrinking budgets the Garrison is currently witnessing. Without viable housing, personnel will not accept assignments to this location and current personnel retention</p>					

1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023
3. INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein			4. PROJECT TITLE Family Housing Replacement Construction	
5. PROGRAM ELEMENT 88741A	6. CATEGORY CODE 71114	7. PROJECT NUMBER 92515	8. PROJECT COST (\$000) Approp 98,600	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>will plummet making it impossible to support Kwajalein's on-going mission as a national test range for the Department of Defense.</p> <p>ADDITIONAL: This project is located on an installation which will be retained by U.S. Army Space and Missile Command for the foreseeable future. This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.</p> <p>NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category of common funding nor is it expected to become eligible in the foreseeable future.</p>				
12. SUPPLEMENTAL DATA:				
A. Estimated Design Data:				
(1) Status:				
(a) Design Start Date.....				NOV 2021
(b) Percent Complete as of January 2023.....				35.00
(c) Date 35% Designed.....				JUL 2022
(d) Date Design Complete.....				DEC 2023
(e) Parametric Cost Estimating Used to Develop Costs..				NO
(f) Type of Design Contract: Design-bid-build				
(g) An energy study and life cycle cost analysis will be documented during the final design.				
(2) Basis:				
(a) Standard or Definitive Design:Y				
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):				(\$000)
(a) Production of Plans and Specifications.....				4,733
(b) All Other Design Costs.....				1,183
(c) Total Design Cost.....				5,916
(d) Contract.....				4,733
(e) In-house.....				1,183
(4) Construction Contract Award.....				JUN 2024
(5) Construction Start.....				NOV 2024
(6) Construction Completion.....				JUN 2027

1. COMPONENT		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
Army				14 MAR 2023	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Kwajalein Atoll Kwajalein			Family Housing Replacement Construction		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
88741A	71114	92515	Approp 98,600		

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>
Furnitures	AFHO	2026	590
Info Sys - ISC	OPA	2025	0
Info Sys - PROP	RDT&E	2025	0
		Total	590

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT (YYMMDD) 230214		2. FISCAL YEAR 2024		REPORT CONTROL SYMBOL DD-AT&L(AR)1716	
3. DOD COMPONENT Army		4. REPORTING INSTALLATION							
5. DATA AS OF 20190930		a. NAME USAG Kwajalein Atoll				b. LOCATION Kwajalein Atoll, Marshall Islands			
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		22	95	0	117	26	99	0	125
7. PERMANENT PARTY PERSONNEL		22	95	0	117	26	99	0	125
8. GROSS FAMILY HOUSING REQUIREMENTS		22	95	0	117	26	99	0	125
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		22	95	0	117				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		22	95	0	117				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		0	0	0	0				
10. VOLUNTARY SEPARATIONS		0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS		22	95	0	117	26	99	0	125
12. HOUSING ASSETS (a+b)		22	129	0	151	26	99	0	125
a. UNDER MILITARY CONTROL		22	129	0	151	26	99	0	125
(1) Housed in Existing DoD Owned/Controlled		22	95	0	117	4	99	0	103
(2) Under Contract/Approved						22	0	0	22
(3) Vacant		0	34	0	34				
(4) Inactive		0	0	0	0				
b. PRIVATE HOUSING		0	0	0	0	0	0	0	0
(1) Acceptably Housed		0	0	0	0				
(2) Acceptable Vacant Rental		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		22	95	0	117	4	99	0	103
14. PROPOSED PROJECT						20	0	0	20
15. REMARKS (Specify item number) NOTE; Column for "officer" is used for all military, and column for "E9-E4" is used for key & essential DoD civilians. Contractors are not included in the requirement. PROJECT SCOPE: FY 2024, PN 92515: Construct 20 Family housing units (10 four-bedroom units and 10 three-bedroom units) for Company Grade Officers and their Families. Each replacement housing unit includes living areas, kitchen, bathrooms, bedrooms, storage, and laundry room. Heating, ventilation, and air conditioning will be provided. The four-bedroom units will have a minimum of 1800 NSF and one full & one 1/2 bathrooms and the three-bedroom units will have a minimum of 1600 NSF and two full bathrooms. Project includes wall insulation, fire protection and alarm system, dishwasher, range/oven exhaust hood, telephone and internet wiring, individual air conditioning controls, hard-wired interconnected smoke detectors, storage, applicable military physical and informational security systems, and all equipment and Government furnished/contractor installed appliances for functional living units. Materials for construction shall be corrosion resistant, mold resistant, termite resistant, and meet air tightness per International Energy Conservation Code.									

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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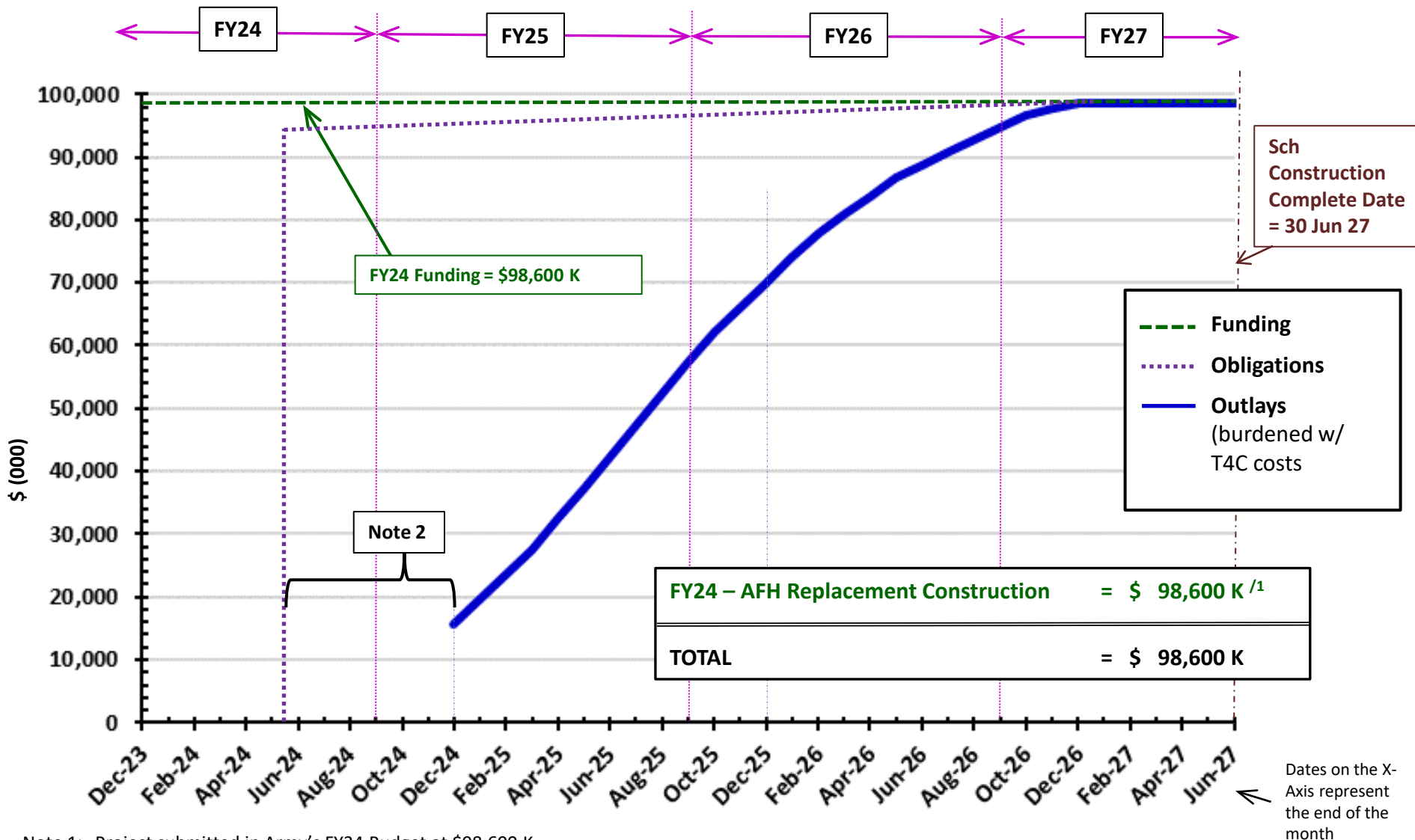


Work In Progress (WIP) Curve – Kwajalein Atoll, RMI

Family Housing Replacement Construction

Full Authorization = \$98,600 K ^{/1} / Scheduled Award Date = **15 Jun 24**

As of: 3 March 2023



Note 1: Project submitted in Army's FY24 Budget at \$98,600 K

Note 2: Funding is required in FY24 to make the Award. Due to the logistics of construction on Kwajalein Atoll, getting supplies and manpower to the island and assuming current quarantine requirements, the Outlays are estimated to start 6 months after the contract is awarded

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
CONSTRUCTION IMPROVEMENTS

(\$ in Thousands)	
FY 2024 Budget Request	\$100,000
FY 2023 Program Budget	\$ 0
¹ FY 2023 Enactment: Cost to Complete	\$131,822
FY 2023 Appropriated Amount	\$131,822

¹Funds provided by Congress in FY 2023 for cost to complete construction projects.

PURPOSE AND SCOPE

This Construction Improvements program provides funding for the improvement of existing Family housing units by revitalization. Revitalization of military Family housing units is requested when it is more economical to renovate rather than replace.

These existing units require major improvements, or revitalization, to meet contemporary living and energy standards.

PROGRAM SUMMARY

Authorization is requested for appropriation of Military Housing Privatization Initiative (MHPI) equity investments at Fort Gordon, Georgia and Fort Leonard Wood, Missouri. These equity investments will result in phased construction of additional townhomes by the privatized partner with construction completion in FY 2025. These equity investments are listed in the following table:

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
<u>Equity Investments</u>				
Fort Gordon, GA	No	JNCO	100	50,000
Fort Leonardwood, MO	No	JNCO	100	50,000
Total Equity Investments			200	100,000

FUNDING SUMMARY

<u>Equity Investments Program (\$000)</u>	<u>Requested Authorization Amount (\$000)</u>
100,000	100,000

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 14 FEB 2023		
3. INSTALLATION AND LOCATION Fort Gordon Georgia				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 0.98	
6. PERSONNEL STRENGTH:	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	
A. AS OF 30 SEP 2022	2349	5797	4020	985	4076	19	3334	9873	4039	34,492
B. END FY 2028	2461	5949	4020	938	4057	22	3399	10006	4042	34,894

7. INVENTORY DATA (\$000)

A. TOTAL AREA.....	57,157 AC
B. INVENTORY TOTAL AS OF 31 DEC 2022.....	7,716,882
C. AUTHORIZATION NOT YET IN INVENTORY.....	19,600
D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM.....	50,000
E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	7,786,482

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:

CAT		COST	DESIGN STATUS
CODE	PROJECT TITLE	SCOPE/UM	(\$000) START COMPLETE
71116	Family Housing Replacement Construction		50,000
TOTAL			50,000

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 2025 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 Gordon has numerous tenant units with diverse missions. The major tenant is the U.S. Army Signal Corps. Fort Gordon has the largest information technology and communications training school in the Armed Forces. It is also home to the U.S. Army Cyber Command, the Southeast (SE) Regional Medical Command, the SE Regional Veterinary Command, the SE Regional Dental Command, the 93rd Signal Brigade, the Gordon Regional Security Operations Center (one of three Joint Continental United States (CONUS) based intelligence platforms), the 513th Military Intelligence Brigade (MI Bde) theater-level intelligence and security, and Reserve/National Guard units.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS:

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT Army	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023
3. INSTALLATION AND LOCATION Fort Gordon Georgia		4. PROJECT TITLE MHPI Equity Investment		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 71116	7. PROJECT NUMBER 103671	8. PROJECT COST (\$000) Approp 50,000	
9. COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY				50,000
713 Equity Investment		--	--	(50,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				50,000
CONTINGENCY (0.00%)				0
SUBTOTAL				50,000
SUPV, INSP & OVERHEAD (0.00%)				0
TOTAL REQUEST				50,000
TOTAL REQUEST (ROUNDED)				50,000
INSTALLED EQT-OTHER APPROP				(0)
<p>10. Description of Proposed Construction \$50M equity investment will be utilized to perform site/civil work on Parcel A and Parcel B while constructing up to 100 townhouses between the two parcels leaving site-ready lots for the remaining portion of Parcel B (~75 townhomes).</p> <p>PROJECT: Equity investment provided in FY2024, depending on exact date of transfer will result in a phased construction completion in FY2025. Time will be required to bid and contract construction entities, perform site infrastructure work and begin vertical home construction.</p> <p>CURRENT SITUATION: Family Housing at Fort Gordon is provided by a privatized housing agreement. The Fort Gordon privatized housing project closed in 2005. About 71% of Fort Gordon's Family Housing inventory is over 45 years old and has aging building systems. The neighborhoods with these older units are high density neighborhoods.</p> <p>IMPACT IF NOT PROVIDED: Failure to provide the equity investment will result in no improvement to the housing inventory at Fort Gordon potentially resulting in sub-optimized operation project performance and continued tenant dissatisfaction with the housing inventory.</p>				
<p>12. SUPPLEMENTAL DATA:</p> <p style="margin-left: 40px;">A. Estimated Design Data:</p> <p style="margin-left: 80px;">(1) Status:</p>				

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				14 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Fort Gordon Georgia			MHPI Equity Investment	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
88742A	71116	103671	Approp	50,000

12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(a) Design Start Date.....	_____
(b) Percent Complete as of January 2023.....	0.00
(c) Date 35% Designed.....	_____
(d) Date Design Complete.....	_____
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract:	_____

(2) Basis:

(a) Standard or Definitive Design:

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	0
(c) Total Design Cost.....	0
(d) Contract.....	0
(e) In-house.....	0

(4) Construction Contract Award.....

(5) Construction Start.....

(6) Construction Completion.....

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		

1. COMPONENT ARMY	FY 2024 MILITARY CONSTRUCTION PROGRAM							2. DATE 14 FEB 2023																						
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. COMMAND US Army Installation Management Command					5. AREA CONSTRUCTION COST INDEX 1.00																					
6. PERSONNEL STRENGTH:	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL																				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL																					
A. AS OF 30 SEP 2022	1042	4326	3643	1099	20702	88	2141	25028	3731	61,800																				
B. END FY 2028	1037	4228	3643	1005	20892	96	2042	25120	3739	61,802																				
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <p>A. TOTAL AREA..... 67,784 AC</p> <p>B. INVENTORY TOTAL AS OF 31 DEC 2022..... 11,005,309</p> <p>C. AUTHORIZATION NOT YET IN INVENTORY..... 4,150</p> <p>D. AUTHORIZATION REQUESTED IN THE FY 2024 PROGRAM..... 50,000</p> <p>E. AUTHORIZATION INCLUDED IN THE FY 2025 PROGRAM..... 0</p> <p>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... 0</p> <p>G. REMAINING DEFICIENCY..... 0</p> <p>H. GRAND TOTAL..... 11,059,459</p>																														
<p>8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2024 PROGRAM:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CAT</td> <td style="width: 50%;"></td> <td style="width: 20%;">COST</td> <td style="width: 20%;">DESIGN STATUS</td> </tr> <tr> <td>CODE</td> <td>PROJECT TITLE</td> <td>SCOPE/UM</td> <td>(\$000) START COMPLETE</td> </tr> <tr> <td>71116</td> <td>Family Housing Replacement Construction</td> <td></td> <td>50,000</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td>50,000</td> <td></td> </tr> </table>											CAT		COST	DESIGN STATUS	CODE	PROJECT TITLE	SCOPE/UM	(\$000) START COMPLETE	71116	Family Housing Replacement Construction		50,000	TOTAL		50,000					
CAT		COST	DESIGN STATUS																											
CODE	PROJECT TITLE	SCOPE/UM	(\$000) START COMPLETE																											
71116	Family Housing Replacement Construction		50,000																											
TOTAL		50,000																												
<p>9. FUTURE PROJECT APPROPRIATIONS:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CATEGORY</td> <td style="width: 50%;"></td> <td style="width: 20%;">COST</td> <td style="width: 20%;"></td> </tr> <tr> <td>CODE</td> <td>PROJECT TITLE</td> <td>(\$000)</td> <td></td> </tr> <tr> <td colspan="4">A. INCLUDED IN THE FY 2025 PROGRAM: NONE</td> </tr> <tr> <td colspan="4">B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</td> </tr> <tr> <td colspan="4">C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A</td> </tr> </table>											CATEGORY		COST		CODE	PROJECT TITLE	(\$000)		A. INCLUDED IN THE FY 2025 PROGRAM: NONE				B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE				C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A			
CATEGORY		COST																												
CODE	PROJECT TITLE	(\$000)																												
A. INCLUDED IN THE FY 2025 PROGRAM: NONE																														
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																														
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A																														
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>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.</p>																														
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"></td> <td style="width: 20%;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>												(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0												
	(\$000)																													
A. AIR POLLUTION	0																													
B. WATER POLLUTION	0																													
C. OCCUPATIONAL SAFETY AND HEALTH	0																													
REMARKS:																														

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4. PROJECT TITLE MHPI Equity Investment		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 71116		7. PROJECT NUMBER 103636		8. PROJECT COST (\$000) Approp 50,000
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						50,000
713 Equity Investment		LS	--		--	(50,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						50,000
CONTINGENCY (0.00%)						0
SUBTOTAL						50,000
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						50,000
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						(0)
<p>10. Description of Proposed Construction \$50M equity investment will be utilized to perform site/civil work on the Diamond Street neighborhood while constructing up to 100 duplex homes between the Cable Street and Diamond Street neighborhoods (site/civil work at Cable Street isn't necessary).</p> <p>PROJECT: Equity investment provided in FY2024, depending on exact date of transfer will result in a phased construction completion in FY2025. Time will be required to bid and contract construction entities, perform site infrastructure work and begin vertical home construction.</p> <p>CURRENT SITUATION: Family Housing at Fort Leonard Wood is provided by a privatized housing agreement. The Fort Leonard Wood privatized housing project closed in 2005 with American Eagle as the Residential Communities Initiative (RCI) Partner. Balfour Beatty Communities acquired the project in 2008. About 64% of Fort Leonard Wood's inventory was constructed between 1942 and 1961 (in the Capehart and Wherry programs) and have deteriorating infrastructure.</p> <p>IMPACT IF NOT PROVIDED: Failure to provide the equity investment will result in no improvement to the housing inventory at Fort Leonard Wood potentially resulting in sub-optimized operation project performance and continued tenant dissatisfaction with the housing inventory.</p>						

1. COMPONENT	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
Army				14 MAR 2023
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Fort Leonard Wood Missouri			MHPI Equity Investment	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
88742A	71116	103636	Approp	50,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	
(b) Percent Complete as of January 2023.....	0.00
(c) Date 35% Designed.....	
(d) Date Design Complete.....	
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract:	

(2) Basis:

(a) Standard or Definitive Design:

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	0
(c) Total Design Cost.....	0
(d) Contract.....	0
(e) In-house.....	0

(4) Construction Contract Award.....

(5) Construction Start.....

(6) Construction Completion.....

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

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

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
PLANNING AND DESIGN

(\$ in Thousands)

FY 2024 Budget Request	\$27,549
FY 2023 Program Budget	\$17,339

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 improvement construction projects and costs incurred in developing requests for project proposals. These funds are used to plan and design future Family housing new and improvement construction, as well as energy conservation projects.

Authorization and Appropriation Request

Authorization and appropriation are requested for [\$17,339,000] \$27,549,000 in FY 2024 to fund Family housing construction planning and design activities.

PROGRAM SUMMARY

Planning and Design funds will provide for solicitation of FY 2024 projects, final design of FY 2025 projects and initiation of design of FY 2026 projects. This funding also provides for studies and updating construction standards and criteria.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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1. COMPONENT Army		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 14 MAR 2023	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Family Housing P & D		
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 97100	7. PROJECT NUMBER 93040		8. PROJECT COST (\$000) Approp 27,549	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						27,549
00000 Planning & Design		LS	--		--	(27,549)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						27,549
CONTINGENCY (0.00%)						0
SUBTOTAL						27,549
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						27,549
TOTAL REQUEST (ROUNDED)						27,549
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Provides for parametric, concept and final design of Family housing new and improvement projects; associated surveys; value engineering; and development of standards and criteria for Army Family housing facilities and properties. PROJECT: Planning and design funding for Family housing. REQUIREMENT: This funding is required to provide for Architect-Engineer (A-E) services, 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 2024 projects; for advancement to final design of FY 2025 projects; and for initiation of design of FY 2026 projects. IMPACT IF NOT PROVIDED: If these funds are not provided, development of Family housing new and improvement projects will not be accomplished, preventing execution of the FY 2025 and 2026 construction programs.						

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES
(\$ in Thousands)

FY 2024 Budget Request	\$186,490
FY 2023 Program Budget	\$243,172
² FY 2023 Enactment: Oversight of Housing Portfolio	\$ 5,000
FY 2023 Appropriated Amount	\$248,172

²Funds provided by Congress in FY 2023 for oversight of the Army's family housing portfolio.

PURPOSE AND SCOPE

1. Operation Account. The Operation account provides for expenses in the following sub-accounts and includes both direct and indirect support for operation, 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 Family housing modules of the enterprise Military Housing (eMH) system that supports effective housing management and 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 at all installations, including General/Flag Officers Quarters (GFOQ) at privatized housing locations.

d. Miscellaneous – Provides payments to Department of Homeland Security for Coast Guard 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 units.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)

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

d. Maintenance and Repair, 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 [\$248,172,000] \$186,490,000 for FY 2024. This amount, together with estimated reimbursements of [\$10,000,000] \$10,000,000, will fund the Operation, Maintenance, and Utilities program at [\$258,172,000] \$196,490,000. A summary follows:

(\$ in Thousands)					
<u>Operation</u>	<u>Maintenance</u>	<u>Utilities</u>	<u>Total Direct</u>	<u>Reimbursement</u>	<u>Total Program</u>
60,833	86,706	38,951	186,490	10,000	196,490

EXHIBIT FH-2 SUMMARY

Operational requirements are a function of the annual cost-per-unit of supported installations. In FY 2024, the foreign inventory will represent 97 percent of the average Army-owned inventory.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2022 ACTUALS		FY 2023 BUDGET ESTIMATE		FY 2024 BUDGET ESTIMATE	
INVENTORY BEGINNING OF YEAR	10,101		10,051		9,292	
INVENTORY END OF YEAR	10,051		9,292		9,531	
EFFECTIVE AVERAGE INVENTORY	10,076		9,672		9,412	
HISTORIC UNITS	143		128		128	
UNITS REQUIRING O&M FUNDING:						
a. CONUS	603		409		249	
b. Foreign	9,473		9,263		9,163	
c. Worldwide	10,076		9,672		9,412	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	4,418	44,512	5,244	50,718	4,369	41,121
b. Services	960	9,675	991	9,580	748	7,037
c. Furnishings	1,564	15,760	2,369	22,911	1,288	12,121
d. Miscellaneous	N/A	313	N/A	559	N/A	554
SUBTOTAL - OPERATION	6,942	70,260	8,604	83,768	6,405	60,833
2. UTILITIES	5,072	51,106	4,844	46,849	4,139	38,951
3. MAINTENANCE						
a. Annual Recurring M&R	4,627	46,622	4,984	48,198	3,777	35,549
b. Major M&R Projects	5,304	53,445	5,713	55,250	4,330	40,752
c. Exterior Utilities	339	3,411	365	3,527	276	2,601
d. M&R, Other Real Prop.	790	7,960	851	8,229	645	6,069
e. Alts. & Additions	226	2,274	243	2,351	184	1,734
SUBTOTAL MAINTENANCE	11,286	113,712	12,156	117,555	9,212	86,705
Foreign Currency Adjustments		3,000				
4. APPROPRIATION	23,300	235,078	25,604	248,172	19,756	186,489
5. REIMBURSABLE PROGRAM	6,243	15,000	4,545	10,000	8,904	10,000
6. TOTAL O&M PROGRAM	29,543	250,078	30,149	258,172	28,660	196,489

EXHIBIT FH-2

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY – U.S. (incl. Alaska and Hawaii)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2022 ACTUALS		FY 2023 BUDGET ESTIMATE		FY 2024 BUDGET ESTIMATE	
INVENTORY BEGINNING OF YEAR	637		569		249	
INVENTORY END OF YEAR	569		249		249	
EFFECTIVE AVERAGE INVENTORY	603		409		249	
HISTORIC UNITS	143		128		128	
UNITS REQUIRING O&M FUNDING:	603		409		249	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	3,691	2,226	6,200	2,536	8,257	2,056
b. Services	802	484	1,171	479	1,413	352
c. Furnishings	1,307	788	2,801	1,146	2,434	606
d. Miscellaneous	N/A	313	N/A	559	N/A	554
SUBTOTAL - OPERATION	5,800	3,811	10,172	4,720	12,104	3,568
2. UTILITIES	4,238	2,555	5,727	2,342	7,821	1,948
3. MAINTENANCE						
a. Annual Recurring M&R	3,866	2,331	5,892	2,410	7,138	1,777
b. Major M&R Projects	4,432	2,672	6,754	2,763	8,183	2,038
c. Exterior Utilities	283	171	431	176	522	130
d. M&R, Other Real Prop.	660	398	1,006	411	1,219	303
e. Alts. & Additions	189	114	287	118	348	87
SUBTOTAL MAINTENANCE	9,430	5,686	14,370	5,878	17,410	4,335
4. APPROPRIATION	19,468	12,052	30,269	12,940	37,335	9,851
5. REIMBURSABLE PROGRAM	4,975	3,000	4,890	2,000	8,032	2,000
6. TOTAL O&M PROGRAM	24,443	15,052	35,159	14,940	45,367	11,851

EXHIBIT FH-2

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)
OPERATION AND MAINTENANCE, SUMMARY -- FOREIGN (incl. U.S. territories)
Excludes Leased & Privatized Units and Costs

A. INVENTORY DATA	FY 2022 ACTUALS		FY 2023 BUDGET ESTIMATE		FY 2024 BUDGET ESTIMATE	
INVENTORY BEGINNING OF YEAR	9,464		9,482		9,043	
INVENTORY END OF YEAR	9,482		9,043		9,282	
EFFECTIVE AVERAGE INVENTORY	9,473		9,263		9,163	
HISTORIC UNITS	0		0		0	
UNITS REQUIRING O&M FUNDING:	9,473		9,263		9,163	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	4,464	42,286	5,202	48,182	4,264	39,065
b. Services	970	9,191	983	9,101	730	6,685
c. Furnishings	1,580	14,972	2,350	21,765	1,257	11,515
d. Miscellaneous	N/A	-	N/A	-	N/A	-
SUBTOTAL - OPERATION	7,014	66,449	8,535	79,048	6,251	57,265
2. UTILITIES	5,125	48,551	4,805	44,507	4,039	37,003
3. MAINTENANCE						
a. Annual Recurring M&R	4,675	44,291	4,943	45,788	3,686	33,772
b. Major M&R Projects	5,360	50,773	5,667	52,488	4,225	38,714
c. Exterior Utilities	342	3,240	362	3,351	270	2,471
d. M&R, Other Real Prop.	798	7,562	844	7,818	629	5,766
e. Alts. & Additions	228	2,160	241	2,233	180	1,647
SUBTOTAL MAINTENANCE	11,403	108,026	12,057	111,678	8,990	82,370
Foreign Currency Adjustments		2,000				
4. APPROPRIATION	23,542	223,026	25,397	235,233	19,280	176,638
5. REIMBURSABLE PROGRAM	1,268	12,000	864	8,000	873	8,000
6. TOTAL O&M PROGRAM	24,810	235,026	26,261	243,233	20,153	184,638

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)

Component: Army
Date: March 2023

FOREIGN CURRENCY EXCHANGE DATA
(\$ in Thousands)

Army Family Housing Operations

<u>Country</u>	FY 2022		FY 2023		FY 2024	
	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates
Denmark	-	-	-	-	-	-
Euro	242,834	0.8703	234,347	0.9381	232,278	0.9798
Japan	28,329	106.4531	27,298	127.7677	27,119	139.1635
Norway	-	-	-	-	-	-
Singapore	-	-	-	-	-	-
South Korea	49,903	1,190.9277	48,169	1,259.1031	51,247	1,343.5392
Turkey	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-
TOTAL	321,066		309,814		310,644	

Army Family Housing Construction

<u>Country</u>	FY 2022		FY 2023		FY 2024	
	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates	U.S. \$ Requiring Conversion	Budget Execution Rates
Denmark	-	-	-	-	-	-
Euro	256,007	0.8703	152,000	0.9381	78,746	0.9798
Japan	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Singapore	-	-	-	-	-	-
South Korea	6,286	1,190.9277	-	-	-	-
Turkey	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-
TOTAL	262,293		152,000		78,746	

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION, MAINTENANCE, AND UTILITIES (Continued)

Family Housing Operation and Maintenance Reprogramming Actions
Fiscal Year 2022

Account	FY 2022 Appropriation	FY 2022 DD 1415 RPG	FY 2022 RPG	% RPG	FY 2022 End of Year
	(\$000)	(\$000)	(\$000)		(\$000)
Utilities	43,772		7,334	17%	51,106
Operations	69,760		501	3%	70,261
Management	42,850		1,663	4%	44,513
Services	8,277		1,398	17%	9,675
Furnishings	18,077		(2,317)	-13%	15,760
Miscellaneous	556		(243)	-48%	313
Leasing	128,110		(6,185)	-5%	121,925
Maintenance	111,181		2,532	2%	113,713
Adjustments					
Privatization Support	38,404		(4,182)	11%	34,222
Close Year App					-
FCF					3,000
Total	391,227		0		394,227

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$60,833
FY 2023 Program Budget	\$78,768
² FY 2023 Enactment: Oversight of Housing	\$ 5,000
FY 2023 Appropriated Amount	\$83,768

²Funds provided by Congress in FY 2023 for oversight of the Army's family housing portfolio.

Budget Methodology

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

The Management sub-account is estimated based on historic expenditures that have been adjusted for a reduction of management 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 increased service contract requirements.

The Furnishings sub-account is estimated based on historic, per-unit expenditures that have been adjusted for increased requirements worldwide.

The Miscellaneous sub-account is based on anticipated interagency reimbursement (Department of Defense to Department of Homeland Security) for U.S. Coast Guard housing provided to Army personnel.

Summary of Primary Adjustments in FY 2024 Budget

The FY 2024 request supports Army-owned Family housing inventory. Funding adjustments are due primarily to decreased requirements worldwide.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$41,121
FY 2023 Program Budget	\$45,718
² FY 2023 Enactment: Oversight of Housing Portfolio	\$ 5,000
FY 2023 Appropriated Amount	\$50,718

²Funds provided by Congress in FY 2023 for oversight of the Army's family housing portfolio.

The Management sub-account provides funding for the continued requirement of salaries, referral services, housing requirements analysis, and project planning. The overall FY 2024 Management sub-account is adjusted to account for decreased Housing Management Support.

All Army installations continue to require a housing staff to provide housing services related to the local community (e.g., referrals to private sector housing, deposit waiver, and community liaison). The Housing Services Office supports military personnel's on-post and off-post housing requirements.

The Exhibit OP-5 reflects a decrease in FY 2024 requirements which resulted mainly from a decrease in pricing adjustments due to favorable currency rates and decreased program requirements based on reduced staff assisted visits and training costs.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT
RECONCILIATION OF INCREASES AND
DECREASES EXHIBIT OP-5

	\$ In Thousands	
1. FY 2023 President's Budget Request		45,718
2. Program Adjustment: Congressional Enactment		5,000
a. Oversight of the Army's Family Housing Portfolio	5,000	
3. FY 2023 Appropriated Amount		50,718
4. FY 2023 Current Estimate		50,718
5. Pricing Adjustments:		-2,972
a. Economic Inflation	1,014	
b. Civilian Pay	479	
c. Non-Pay/Non-Fuel Inflation	186	
d. Foreign Currency	-4,651	
6. Program Adjustment: Reduced Staff Assisted visits and training costs		-1,625
7. Program Decrease: FY23 Congressional Enactment Increase		-5,000
a. Oversight of the Army's Family Housing Portfolio	-5,000	
8. FY 2024 President's Budget Request		41,121

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$ 7,037
FY 2023 Program Budget	\$ 9,580

The FY 2024 request is based on the level of support for refuse collection, street cleaning, snow removal, police and fire protection, pest control, and custodial services. The Exhibit OP-5 reflects a decrease in FY 2024 program requirements due to favorable currency rates and a reduction in municipal services at various locations.

DEPARTMENT OF THE ARMY
 Fiscal Year (FY) 2024 Budget Estimates
 Army Family Housing
 OPERATION ACCOUNT
 SERVICES SUB-ACCOUNT
 RECONCILIATION OF INCREASES AND DECREASES
 EXHIBIT OP-5

\$ In Thousands

1. FY 2023 President's Budget Request	9,580
2. FY 2023 Appropriated Amount	9,580
3. FY 2023 Current Estimate	9,580
4. Pricing Adjustments:	-1,133
a. Economic Inflation	192
b. Non-Pay/Non-Fuel Inflation	35
c. Foreign Currency	-1,360
5. Program Adjustment: Decrease in requirements due to a reduction in municipal services at various locations	-1,410
6. FY 2024 President's Budget Request	7,037

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$12,121
FY 2023 Program Budget	\$22,911

The Furnishings sub-account is used for procuring, controlling, managing, moving and handling, maintaining, and repairing household furnishings and equipment (e.g., refrigerators, ranges, and where authorized, washers and dryers). In overseas and foreign locations, added furniture items (e.g., beds, tables, and dressers) are authorized. A decrease in furnishing requirements is reflected on the Exhibit OP-5 due to savings from reduced contract period of performances.

EFFECT OF PRIVATIZATION

Furnishings for privatized GFOQs are supported as required.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands		
1.	FY 2023 President's Budget Request	22,911
2.	FY 2023 Appropriated Amount	22,911
3.	FY 2023 Current Estimate	22,911
4.	Pricing Adjustments:	-3,048
	a. Economic Inflation	458
	b. Civilian Pay	29
	c. Non-Pay/Non-Fuel Inflation	65
	d. Foreign Currency	-3,600
5.	Program Adjustment: Decrease in furnishings requirements due to savings from reduced contract period of performances	-7,742
6.	FY 2024 President's Budget Request	12,121

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$554
FY 2023 Program Budget	\$559

The FY 2024 Miscellaneous sub-account funds payment to the Department of Homeland Security for Coast Guard housing provided to Army Soldiers and their Families. FY24 funding provides support for rent, maintenance, and utilities. Economic inflation accounts for a pricing adjustment increase. A reduction of projected population of Army members in Coast Guard housing accounts for the overall program decrease as reflected on the Exhibit OP-5.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands		
1.	FY 2023 President's Budget Request	559
2.	FY 2023 President's Budget Request	559
3.	FY 2023 Current Estimate	559
4.	Pricing Adjustment:	13
	a. Economic Inflation	11
	b. Non-Pay/Non-Fuel Inflation	2
5.	Program Adjustment: Decrease due to reduced projected population of Army members in Coast Guard housing.	-18
6.	FY 2024 President's Budget Request	554

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
MAINTENANCE AND REPAIR ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$ 86,706
FY 2023 Program Budget	\$ 117,555

Maintenance and Repair (M&R) requirements are computed using the DoD Facilities Sustainment Model (FSM) and planned major M&R projects. Factors are established based on costs per square foot for dwelling units at the installation level and then adjusted to budget year estimates to include an inflation factor.

The Army maintains an inventory valued at over \$10.2 billion as measured by replacement costs. Ensuring these facilities are consistently occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The Army will continue its effort to complete Major Maintenance and Repair (MM&R) projects to improve housing units worldwide currently rated as poor or failing facilities. The Exhibit OP-5 reflects a decrease in pricing adjustments due to favorable currency rates and a decrease in FY 2024 requirements due to a temporary decrease in funding with the Army focusing on improvement of inadequate housing units to increase the overall percentage of adequate units in the inventory.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
MAINTENANCE AND REPAIR
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1.	FY 2023 President's Budget Request		117,555
2.	FY 2023 Appropriated Amount		117,555
3.	FY 2023 Current Estimate		117,555
4.	Pricing Adjustments:		-11,431
	a. Economic inflation	2,351	
	b. Non-Pay/Non-Fuel Inflation	181	
	c. Foreign Currency	-13,963	
5.	Program Adjustment: Temporary decrease in funding is a result of focusing on improvement of inadequate housing units to increase the percentage of adequate units in the inventory.		-19,418
6.	FY 2024 President's Budget Request		86,706

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 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 117-328, Omnibus Appropriations Act, 2023. Information is provided regarding the anticipated costs for those GFOQ where operations and maintenance (O&M) costs in FY 2024 are expected to exceed \$35,000 per dwelling unit.

The Army's FY 2024 GFOQ program is summarized in the chart below. This GFOQ reporting includes maintenance and repair (M&R) work such as service calls, routine maintenance (including between occupancy maintenance), major M&R projects, minor M&R projects, grounds maintenance, and security costs for government-controlled homes that will be retained long-term.

	NUMBER OF HOUSING UNITS	TOTAL OPERATIONS	TOTAL MAINTENANCE	LEASING	UTILITIES	TOTAL COST
TOTAL GFOQ INVENTORY	353	\$ 3,652,855.52	\$ 3,571,758.82	\$ 970,280.97	\$ 3,320,191.56	\$ 11,515,086.87
GOVT & LEASED	150	\$ 2,997,710.69	\$ 3,571,758.82	\$ 970,280.97	\$ 3,320,191.56	\$ 10,859,942.04
PRIVATIZED HOUSING	203	\$ 655,144.83				\$ 655,144.83
OVER \$35K O&M	82	\$ 2,244,178.10	\$ 3,046,986.74			\$ 5,291,164.84
OVER \$30K M&R	1		\$ 55,000.00			\$ 55,000.00

The Army continues to seek alternatives to replace large and expensive GFOQ's. The FY 2024 program supports the Army's ongoing goal to maintain housing units to ensure the health and safety of residents, aimed at improved quality of life. Maintenance and repair work must be programmed to prevent facility deterioration and the increase in future costs.

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. In historic quarters, major maintenance and repair work has to be coordinated with the appropriate State Historic Preservation Office. 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 following requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary, and livable condition.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY

(.9798 EURO/\$1 budget rate)

USAG-Bavaria – Garmisch

Quarters 835 20 Riesserseestr	6997	NO	1911	\$47,225	\$0	\$0
Operations	\$6,894	Utilities	\$26,910	Total O&M	\$54,119	

Maintenance and repair (M&R) costs included service calls - \$4,481; routine M&R - \$17,580 (including between occupancy); ground maintenance - \$3,447; interior painting - \$14,478; exterior painting - \$4,021; incidental improvements - \$2,988; & self-help - \$230.

USAG-Bavaria – Brussels

Quarters 5 10 Karel Van Lorreinlaan	4219	NO	2015	\$50,213	\$0	\$0
Operations	\$58,443	Utilities	\$26,427	Total O&M	\$108,656	

Maintenance and repair (M&R) costs included service calls - \$6,894; routine M&R - \$17,580 (including between occupancy); ground maintenance - \$4,022; interior painting - \$17,235; security - \$4,022; & self-help - \$460.

Quarters 9 Meiklojeslaa, 11 3080 Tervuren	4219	NO	2015	\$78,404	\$63,886	\$0
Operations	\$19,974	Utilities	\$21,095	Total O&M	\$98,379	

Maintenance and repair (M&R) costs included service calls - \$6,427; routine M&R - \$16,235 (including between occupancy); ground maintenance - \$6,894; exterior painting - \$9,192; security - \$39,182; & self-help - \$474.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 12 49 Avenue Du Jeu De Paume	3766	NO	1956	\$47,578	\$121,797	\$0
Operations	\$44,583	Utilities	\$21,831	Total O&M	\$92,162	

Maintenance and repair (M&R) costs included service calls - \$7,354; routine M&R - \$17,300 (including between occupancy); interior painting - \$16,736; security - \$5,154; & self-help - \$1,034.

Quarters 24 16 Avenue Col Daumerie	4628	NO	2000	\$53,028	\$101,114	\$0
Operations	\$22,697	Utilities	\$21,831	Total O&M	\$75,725	

Maintenance and repair (M&R) costs included service calls - \$6,435; routine M&R - \$24,417 (including between occupancy); interior painting - \$17,235 security - \$4,596; & self-help - \$345.

Quarter 25 7 Hertogenweg St	4844	NO	2017	\$57,470	\$114,128	\$0
Operations	\$61,906	Utilities	\$23,555	Total O&M	\$119,377	

Maintenance and repair (M&R) costs included service calls - \$8,273; routine M&R - \$25,142 (including between occupancy); interior painting - \$18,384; ground maintenance - \$575; security - \$4,596; & self-help - \$500.

USAG-Bavaria – Chievres

Quarters 1 1 Chateau Gendebien	10010	YES	1892	\$464,609	\$0	\$0
Operations	\$146,091	Utilities	\$83,304	Total O&M	\$610,701	

Maintenance and repair (M&R) costs included service calls - \$29,316; routine M&R - \$45,961 (including between occupancy maintenance); interior painting - \$22,092; ground maintenance - \$45,961; security repair - \$314,834; & self-help - \$6,445.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 31 9B Grand Chemin De Masnuy	4306	NO	2002	\$46,173	\$48,029	\$0
Operations	\$14,549	Utilities	\$20,223	Total O&M	\$60,722	

Maintenance and repair (M&R) costs included service calls - \$7,009; routine M&R - \$11,463 (including between occupancy maintenance); interior painting - \$19,534; ground maintenance - \$2,677; security - \$4,686; & self-help - \$804.

Quarters 33 9D Grand Chemin De Masnuy	4306	NO	2002	\$61,114	\$48,029	\$0
Operations	\$23,582	Utilities	\$21,832	Total O&M	\$84,696	

Maintenance and repair (M&R) costs included service calls - \$8,618; routine M&R - \$18,554 including between occupancy maintenance); incidental improvements - \$3,447; interior painting - \$19,534; ground maintenance - \$5,356; security - \$4,686; & self-help - \$919.

USAG-Stuttgart

Quarters 2412 2412-2 Florida Strasse	1,636	NO	1956	\$24,419	\$0	\$0
Operations	\$21,436	Utilities	\$7,234	Total O&M	\$45,855	

Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,456 (including between occupancy maintenance); ground maintenance - \$698; & self-help - \$450.

Quarters 2414 2414-4 Florida Strasse	1636	NO	1957	\$44,317	\$0	\$0
Operations	\$27,017	Utilities	\$7,234	Total O&M	\$71,334	

Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,456 (including between occupancy maintenance); minor project - \$19,700 (replace fence); ground maintenance - \$698; security - \$198; & self-help - \$450.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 2428 2428-18 Florida Strasse	1636	NO	1956	\$24,617	\$0	\$0
Operations	\$27,017	Utilities	\$7,234	Total O&M	\$51,634	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,456 (including between occupancy maintenance); ground maintenance - \$698; security - \$198; & self-help - \$450.						
Quarters 2432 2432-22 Florida Strasse	1636	NO	1956	\$9,639	\$0	\$0
Operations	\$26,781	Utilities	\$7,234	Total O&M	\$36,419	
Maintenance and repair (M&R) costs included service calls - \$6,190; routine M&R - \$2,999; & self-help - \$450.						
Quarters 2433 2433-25 Florida Strasse	1636	NO	1957	\$45,113	\$0	\$0
Operations	\$21,673	Utilities	\$7,234	Total O&M	\$66,786	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$20,478 (including between occupancy maintenance); minor project - \$19,474 (replace fence); ground maintenance - \$698; security - \$198; & self-help - \$450.						
Quarters 2435 2435-27 Florida Strasse	1636	NO	1957	\$24,304	\$0	\$0
Operations	\$21,673	Utilities	\$7,234	Total O&M	\$45,977	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,341 (including between occupancy); ground maintenance - \$698; & self-help - \$450.						
Quarters 2437 2437-29 Florida Strasse	1636	NO	1957	\$29,195	\$0	\$0
Operations	\$21,436	Utilities	\$7,234	Total O&M	\$50,631	
Maintenance and repair (M&R) costs included service calls - \$6,190; routine M&R - \$2,884; minor project - \$19,473 (fence replacement); security - \$198; & self-help - \$450.						

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Quarters 2438 2438-28 Florida Strasse	1636	NO	1957	\$24,942	\$0	\$0
Operations	\$21,673	Utilities	\$7,234	Total O&M	\$46,614	

Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$20,479 (including between occupancy maintenance); security - \$198; & self-help - \$450.

Quarters 2439 2439-31 Florida Strasse	1636	NO	1957	\$30,135	\$0	\$0
Operations	\$21,436	Utilities	\$7,234	Total O&M	\$51,571	

Maintenance and repair (M&R) costs included service calls - \$6,190; routine M&R - \$4,021; minor project - \$19,474 (fence replacement); & self-help - \$450.

Quarters 2440 2440-30 Florida Strasse	1636	NO	1957	\$28,998	\$0	\$0
Operations	\$21,436	Utilities	\$7,234	Total O&M	\$50,434	

Maintenance and repair (M&R) costs included service calls - \$6,190; routine M&R - \$2,884; minor project - \$19,474 (fence replacement); & self-help - \$450.

Quarters 2441 2441-33 Florida Strasse	1636	NO	1957	\$24,304	\$0	\$0
Operations	\$21,673	Utilities	\$7,234	Total O&M	\$45,977	

Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,341 (including between occupancy maintenance); ground maintenance - \$698; & self-help - \$450.

Quarters 2443 2443-35 Florida Strasse	1636	NO	1957	\$24,304	\$0	\$0
Operations	\$21,673	Utilities	\$7,234	Total O&M	\$45,977	

Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,341 (including between occupancy maintenance); ground maintenance - \$698; & self-help - \$450.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 2444 2444-34 Florida Strasse	1636	NO	1957	\$24,524	\$0	\$0
Operations	\$21,436	Utilities	\$7,234	Total O&M	\$45,960	
Maintenance and repair (M&R) costs included service calls - \$6,190; routine M&R - \$2,884; minor project - \$15,000 (replace doors/window – communication room); & self-help - \$450.						
Quarters 2445 2445-37 Florida Strasse	2153	NO	1957	\$30,397	\$0	\$0
Operations	\$21,673	Utilities	\$8,278	Total O&M	\$52,070	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$25,236 (including between occupancy maintenance); ground maintenance - \$698; security - \$198; & self-help - \$450.						
Quarters 2446 2446-36 Florida Strasse	1636	NO	1957	\$10,753	\$0	\$0
Operations	\$27,017	Utilities	\$7,861	Total O&M	\$37,770	
Maintenance and repair (M&R) costs included service calls - \$6,190; routine M&R - \$2,884; ground maintenance - \$1,031; security - \$198; & self-help - \$450.						
Quarters 2447 2447-39 Florida Strasse	2153	NO	1957	\$24,575	\$0	\$0
Operations	\$21,436	Utilities	\$8,705	Total O&M	\$46,011	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$6,310; minor project - \$14,000 (replace grass breeze way cover); & self-help - \$450.						
Quarters 2449 2449-50 Florida Strasse	2885	NO	1957	\$89,876	\$0	\$0
Operations	\$28,164	Utilities	\$9,113	Total O&M	\$118,040	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$22,017 (including between occupancy maintenance); minor projects - \$62,500 (breeze way-\$14,000/patio-deck-\$20,000/kitchen-\$11,500/awning-\$17,000); ground maintenance - \$698; security - \$396; & self-help - \$450.						

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 2450 2450-40 Florida Strasse	2153	NO	1957	\$26,773	\$0	\$0
Operations	\$21,673	Utilities	\$8,705	Total O&M	\$48,446	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$21,810 (including between occupancy maintenance); ground maintenance - \$698; & self-help - \$450.						
Quarters 2451 2451-44 Florida Strasse	2153	NO	1957	\$23,721	\$0	\$0
Operations	\$22,436	Utilities	\$9,721	Total O&M	\$46,157	
Maintenance and repair (M&R) costs included service calls - \$6,189; routine M&R - \$2,884; minor project - \$14,000 (replace grass breeze way cover); security - \$198; & self-help - \$450.						
Quarters 2452 2452-42 Florida Strasse	2153	NO	1957	\$30,190	\$0	\$0
Operations	\$21,673	Utilities	\$8,705	Total O&M	\$51,863	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$25,236 (including between occupancy maintenance); ground maintenance - \$689; & self-help - \$450.						
Quarters 3410 3410-5 Vesta Strasse	1636	NO	1953	\$24,502	\$0	\$0
Operations	\$21,673	Utilities	\$7,689	Total O&M	\$46,175	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,341 (including between occupancy maintenance); ground maintenance - \$698; security - \$198; & self-help - \$450.						
Quarters 3413 3413 Vesta Strasse	1636	NO	1956	\$24,304	\$0	\$0
Operations	\$21,652	Utilities	\$7,689	Total O&M	\$45,956	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,341 (including between occupancy maintenance); ground maintenance - \$698; & self-help - \$450.						

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 3416 3416-29 Vesta Strasse	2153	NO	1957	\$52,715	\$0	\$0
Operations	\$21,436	Utilities	\$8,928	Total O&M	\$74,151	
Maintenance and repair (M&R) costs included service calls - \$6,189; routine M&R - \$2,884; minor project -\$4,800 (replace awning); design cost - \$38,194; security cost - \$198; & self-help - \$450.						
Quarters 3417 3417-33 Vesta Strasse	2885	NO	1957	\$45,957	\$0	\$0
Operations	\$21,673	Utilities	\$8,928	Total O&M	\$67,630	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$21,997 (including between occupancy maintenance); minor project - \$18,800 (fence replacement); ground maintenance - \$698; security - \$197; & self-help - \$450.						
Quarters 3420 3420-47 Vesta Strasse	1636	NO	1957	\$43,302	\$0	\$0
Operations	\$21,673	Utilities	\$7,689	Total O&M	\$64,975	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$19,341 (including between occupancy maintenance); minor project - \$18,800 (fence replacement); ground maintenance - \$698; security - \$198; & self-help - \$450.						
Quarters 3424 3424-10 Vesta Strasse	1636	NO	1957	\$24,721	\$0	\$0
Operations	\$21,436	Utilities	\$7,689	Total O&M	\$46,157	
Maintenance and repair (M&R) costs included service calls - \$6,189; routine M&R - \$2,884; minor project - \$15,000 (replace doors/window – communication room); security - \$198; & self-help - \$450.						
Quarters 3436 3436-31 Vesta Strasse	4000	NO	2016	\$80,095	\$0	\$0
Operations	\$35,654	Utilities	\$7,779	Total O&M	\$115,749	
Maintenance and repair (M&R) costs included service calls - \$3,815; routine M&R - \$27,098 (including between occupancy maintenance); minor projects - \$39,209 (fence replacement-\$19,474/bench repair-\$4,955/boardwalk repair-\$12,356/pergola repair-\$2,424); ground maintenance - \$9,767; & self-help - \$206.						

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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USAG-Wiesbaden

Quarters 2123 2123 McGinnis Street	2425	NO	2012	\$32,556	\$0	\$0
Operations	\$4,362	Utilities	\$5,197	Total O&M	\$36,918	

Maintenance and repair (M&R) costs included service calls - \$1,185; routine M&R - \$1,189; interior painting - \$1,250; security - \$28,726 (construct fence); & self-help - \$206.

Quarters 2124 2124 McGinnis Street	2425	NO	2012	\$30,341	\$0	\$0
Operations	\$4,799	Utilities	\$4,523	Total O&M	\$35,140	

Maintenance and repair (M&R) costs included service calls - \$1,031; routine M&R - \$275; security - \$28,726 (construct fence); & self-help - \$309.

KOREA

USAG-Daegu

Quarters 1 001-S Camp Walker	2100	NO	1996	\$29,730	\$0	\$0
Operations	\$21,480	Utilities	\$7,050	Total O&M	\$51,210	

Maintenance and repair (M&R) costs included service calls - \$1,800; routine M&R - \$9,780 (including between occupancy maintenance); minor project - \$18,000 (replace windows); & self-help - \$150.

FLORIDA

USAG-Miami

6853 NW 113th Place	3590	NO	2001	\$8,390	\$112,220	\$0
Operations	\$30,730	Utilities	\$14,450	Total O&M	\$39,120	

Maintenance and repair (M&R) costs included routine M&R - \$4,310 (including between occupancy maintenance); incidental improvements - \$3,000; generator maintenance - \$540; & self-help - \$540. Operations costs include furnishings purchase - \$9,780; management - \$19,830; & hurricane preparedness - \$1,120.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA**Fort Lesley J. McNair**

Quarters 1 201 Second Ave	3184	YES	1903	\$44,620	\$0	\$0
Operations	\$18,700	Utilities	\$61,540	Total O&M	\$63,320	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; interior painting - \$21,620; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 2 205 Second Ave	3184	YES	1905	\$23,000	\$0	\$0
Operations	\$19,750	Utilities	\$58,660	Total O&M	\$42,750	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 3 209 Second Ave	3184	YES	1905	\$45,620	\$0	\$0
Operations	\$19,000	Utilities	\$58,180	Total O&M	\$64,620	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; interior painting - \$21,620; ground maintenance - \$5,000; security maintenance contract - \$6,000; & self-help - \$200.

Quarters 4 213 Second Ave	3169	YES	1903	\$44,620	\$0	\$0
Operations	\$19,000	Utilities	\$56,020	Total O&M	\$63,620	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; interior painting - \$21,620; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 10 237 Second Ave	3169	YES	1903	\$23,000	\$0	\$0
Operations	\$18,500	Utilities	\$60,160	Total O&M	\$41,500	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 11 241 Second Ave	3169	YES	1903	\$23,000	\$0	\$0
Operations	\$18,460	Utilities	\$58,360	Total O&M	\$41,460	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 12 245 Second Ave	3169	YES	1903	\$59,500	\$0	\$0
Operations	\$18,500	Utilities	\$60,080	Total O&M	\$78,000	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; maintenance contract - \$36,500; ground maintenance - \$5,000; security - \$5,000; & self-help - \$200

Quarters 13 249 Second Ave	3169	YES	1903	\$23,000	\$0	\$0
Operations	\$18,500	Utilities	\$55,420	Total O&M	\$41,500	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 15 257 Second Ave	3169	YES	1903	\$24,000	\$0	\$0
Operations	\$20,700	Utilities	\$59,350	Total O&M	\$44,700	

Maintenance and repair (M&R) costs included service calls - \$5,000; routine M&R - \$7,800; ground maintenance - \$6,000; security maintenance contract - \$5,000; & self-help - \$200.

VIRGINIA

Joint Base Myer-Henderson Hall

Quarters 21B 205-B Lee Ave	3241	YES	1932	\$18,980	\$0	\$0
Operations	\$18,000	Utilities	\$34,310	Total O&M	\$36,980	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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Quarters 28 208 Lee Ave	1623	YES	1935	\$18,780	\$0	\$0
Operations	\$18,270	Utilities	\$31,680	Total O&M	\$37,050	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; & security maintenance contract - \$5,000.

Quarters 27A 212-A Lee Ave	3715	YES	1903	\$18,780	\$0	\$0
Operations	\$18,000	Utilities	\$51,460	Total O&M	\$36,780	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; & security maintenance contract - \$5,000.

Quarters 19A 213-A Lee Ave	2108	YES	1932	\$18,980	\$0	\$0
Operations	\$19,000	Utilities	\$34,310	Total O&M	\$37,980	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 26A 216-A Lee Ave	2999	YES	1896	\$30,980	\$0	\$0
Operations	\$18,500	Utilities	\$49,980	Total O&M	\$49,480	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; interior painting - \$12,000; ground maintenance - \$5,000; security - \$5,000; & self-help - \$200.

Quarters 25AU 220-B Lee Ave	1958	YES	1896	\$18,980	\$0	\$0
Operations	\$18,500	Utilities	\$30,330	Total O&M	\$37,480	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
Quarters 25B 220-C Lee Ave	2594	YES	1896	\$18,980	\$0	\$0
Operations	\$18,500	Utilities	\$49,980	Total O&M	\$37,480	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 24AL 224-A Lee Ave	746	YES	1896	\$7,400	\$0	\$0
Operations	\$38,270	Utilities	\$19,580	Total O&M	\$45,670	

Maintenance and repair (M&R) costs included service calls - \$2,000; routine M&R - \$200; security - \$5,000; & self-help - \$200

Quarters 24B 224-B Lee Ave	2682	YES	1896	\$18,980	\$0	\$0
Operations	\$19,000	Utilities	\$49,980	Total O&M	\$37,980	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

Quarters 23 228-A Lee Ave	2778	YES	1896	\$18,980	\$0	\$0
Operations	\$18,900	Utilities	\$49,980	Total O&M	\$37,880	

Maintenance and repair (M&R) costs included service calls - \$4,000; routine M&R - \$4,780; ground maintenance - \$5,000; security maintenance contract - \$5,000; & self-help - \$200.

ILLINOS

Rock Island Arsenal

3232 Terrance Drive (003)	4741	YES	1872	\$80,900	\$0	\$0
Operations	\$5,950	Utilities	\$13,100	Total O&M	\$86,850	

Maintenance and repair (M&R) costs included service calls - \$8,000; routine M&R - \$13,600 (including between occupancy maintenance); major project - \$55,000 (kitchen renovation); grounds maintenance - \$4,000; & self-help - \$300.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (GFOQ)
FY 2024 ESTIMATED MAINTENANCE AND REPAIR
EXCEEDING \$35,000 PER DWELLING UNIT

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HISTORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
3294Terrance Drive (004)	4455	YES	1872	\$29,600	\$0	\$0
Operations	\$25,300	Utilities	\$13,200	Total O&M	\$54,900	

Maintenance and repair (M&R) costs included service calls - \$8,000; routine M&R - \$12,600 (including between occupancy maintenance); minor project - \$5,000 (replace flooring bathroom); & grounds maintenance - \$4,000.

3472 Terrance Drive (006)	5865	YES	1905	\$43,400	\$0	\$0
Operations	\$5,750	Utilities	\$13,200	Total O&M	\$49,150	

Maintenance and repair (M&R) costs included service calls - \$8,000; routine M&R - \$5,600 (including between occupancy maintenance); minor project - \$17,500 (renovate bathroom 2d floor); exterior painting - \$8,300; & grounds maintenance - \$4,000.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)
Units Projected to Exceed \$35K per Unit in Operation and Maintenance (O&M)

State/Country	Installation	Street Address	Year Built	NSF	Operations	Major Projects	M&R	Total M&R	Utilities	Lease	O&M	Total Costs (Inc Lease & Utils)
Germany	USAG BAVARIA - GARMISCH	20 RIESSERSEESTR (835)	1911	6997	6,894.17	0.00	47,225.09	47,225.09	26,910.26	0.00	54,119.27	81,029.53
Belgium	USAG BENELUX - BRUSSELS	10 KAREL VAN LORREINLAAN	2015	4219	58,443.24	0.00	50,212.57	50,212.57	26,427.67	0.00	108,655.81	135,083.48
Belgium	USAG BENELUX - BRUSSELS	Meiklokeslaan, 11 3080 Tervuren	2000	4219	19,974.19	0.00	78,404.86	78,404.86	21,095.48	63,886.02	98,379.05	183,360.55
Belgium	USAG BENELUX - BRUSSELS	49 AVENUE DU JEU DE PAUME (PQ012)	1956	3766	44,583.74	0.00	47,578.07	47,578.07	21,831.55	121,797.08	92,161.81	235,790.44
Belgium	USAG BENELUX - BRUSSELS	16 AVENUE COL DAUMERIE	2000	4628	22,697.63	0.00	53,027.69	53,027.69	21,831.55	101,114.56	75,725.32	198,671.44
Belgium	USAG BENELUX - BRUSSELS	7 HERTOGENWEG STREET	2017	4844	61,906.43	0.00	57,470.25	57,470.25	23,555.10	114,128.46	119,376.69	257,060.24
Belgium	USAG BENELUX - CHIEVRES	1 CHATEAU GENDEBIEN (PQ001)	1892	10010	146,091.78	0.00	464,609.64	464,609.64	83,304.61	0.00	610,701.42	694,006.03
Belgium	USAG BENELUX - CHIEVRES	9B GRAND CHEMIN DE MASNUY (PQ031)	2002	4306	14,549.09	0.00	46,172.58	46,172.58	20,222.91	48,029.42	60,721.67	128,974.00
Belgium	USAG BENELUX - CHIEVRES	9D GRAND CHEMIN DE MASNUY (PQ033)	2002	4306	23,582.41	0.00	61,113.87	61,113.87	21,831.55	48,029.42	84,696.28	154,557.24
Germany	USAG STUTTGART	2412-2 FLORIDA STRASSE	1956	1636	21,435.94	0.00	24,419.26	24,419.26	7,233.88	0.00	45,855.20	53,089.08
Germany	USAG STUTTGART	2414-4 FLORIDA STRASSE (2414)	1957	1636	27,017.36	19,700.00	24,616.89	44,316.89	7,233.88	0.00	71,334.25	78,568.14
Germany	USAG STUTTGART	2428-18 FLORIDA STRASSE	1956	0	27,017.36	0.00	24,616.89	24,616.89	7,233.88	0.00	51,634.25	58,868.14
Germany	USAG STUTTGART	2432-22 FLORIDA STRASSE (2432)	1956	1636	26,780.66	0.00	9,638.56	9,638.56	7,233.88	0.00	36,419.22	43,653.11
Germany	USAG STUTTGART	2433-25 FLORIDA STRASSE (2433)	1957	1636	21,672.64	0.00	45,113.50	45,113.50	7,233.88	0.00	66,786.14	74,020.03
Germany	USAG STUTTGART	2435-27 FLORIDA STRASSE (2435)	1957	1636	21,672.64	0.00	24,304.35	24,304.35	7,233.88	0.00	45,977.00	53,210.88
Germany	USAG STUTTGART	2437-29 FLORIDA STRASSE (2437)	1957	1636	21,435.94	0.00	29,195.27	29,195.27	7,233.88	0.00	50,631.21	57,865.09
Germany	USAG STUTTGART	2438-28 FLORIDA STRASSE (2438)	1956	1636	21,672.64	0.00	24,941.11	24,941.11	7,233.88	0.00	46,613.75	53,847.64
Germany	USAG STUTTGART	2439-31 FLORIDA STRASSE (2439)	1957	1636	21,435.94	0.00	30,135.17	30,135.17	7,233.88	0.00	51,571.11	58,805.00
Germany	USAG STUTTGART	2440-30 FLORIDA STRASSE (2440)	1957	1636	21,435.94	0.00	28,997.63	28,997.63	7,233.88	0.00	50,433.57	57,667.46
Germany	USAG STUTTGART	2441-33 FLORIDA STRASSE (2441)	1957	1636	21,672.64	0.00	24,304.35	24,304.35	7,233.88	0.00	45,977.00	53,210.88
Germany	USAG STUTTGART	2443-35 FLORIDA STRASSE (2443)	1957	1636	21,672.64	0.00	24,304.35	24,304.35	7,233.88	0.00	45,977.00	53,210.88
Germany	USAG STUTTGART	2444-34 FLORIDA STRASSE (2444)	1957	1636	21,435.94	15,000.00	9,523.66	24,523.66	7,233.88	0.00	45,959.60	53,193.49
Germany	USAG STUTTGART	2445-37 FLORIDA STRASSE (2445)	1957	2153	21,672.64	0.00	30,396.97	30,396.97	8,277.69	0.00	52,069.61	60,347.29
Germany	USAG STUTTGART	2446-36 FLORIDA STRASSE (2446)	1957	1636	27,017.36	0.00	10,752.89	10,752.89	7,861.25	0.00	37,770.25	45,631.51
Germany	USAG STUTTGART	2447-39 FLORIDA STRASSE (2447)	1957	2153	21,435.94	0.00	24,575.25	24,575.25	8,705.12	0.00	46,011.19	54,716.32
Germany	USAG STUTTGART	2449-50 FLORIDA STRASSE (2449)	1957	2885	28,163.74	0.00	89,876.67	89,876.67	9,113.26	0.00	118,040.41	127,153.67
Germany	USAG STUTTGART	2450-40 FLORIDA STRASSE (2450)	1957	2153	21,672.64	0.00	26,772.93	26,772.93	8,705.12	0.00	48,445.57	57,150.70
Germany	USAG STUTTGART	2451-44 FLORIDA STRASSE (2451)	1957	2153	22,435.94	14,000.00	9,721.29	23,721.29	8,705.12	0.00	46,157.23	54,862.36
Germany	USAG STUTTGART	2452-42 FLORIDA STRASSE (2452)	1957	2153	21,672.64	0.00	30,190.34	30,190.34	8,705.12	0.00	51,862.98	60,568.10
Germany	USAG STUTTGART	3410-5 VESTA STRASSA	1953	1636	21,672.64	0.00	24,501.99	24,501.99	7,688.91	0.00	46,174.63	53,863.54
Germany	USAG STUTTGART	3413 VESTA STRASSE (3413)	1956	1636	21,651.61	0.00	24,304.35	24,304.35	7,688.91	0.00	45,955.97	53,644.88
Germany	USAG STUTTGART	3416-29 VESTA STRASSE (3416)	1957	2153	21,435.94	0.00	52,715.02	52,715.02	8,928.48	0.00	74,150.96	83,079.44
Germany	USAG STUTTGART	3417-33 VESTA STRASSE (3417)	1957	2885	21,672.64	0.00	45,957.54	45,957.54	8,928.48	0.00	67,630.18	76,558.67
Germany	USAG STUTTGART	3420-47 VESTA STRASSE (3420)	1957	1636	21,672.64	0.00	43,302.06	43,302.06	7,688.91	0.00	64,974.70	72,663.61
Germany	USAG STUTTGART	3424-10 VESTA STR (3424)	1957	1636	21,435.94	15,000.00	9,721.29	24,721.29	7,688.91	0.00	46,157.23	53,846.15
Germany	USAG STUTTGART	3436-31 VESTA STRASSE	2016	4000	35,654.38	0.00	80,094.67	80,094.67	7,778.55	0.00	115,749.05	123,527.60
Germany	USAG WIESBADEN	2123 MCGINNIS STREET (PO02123)	2012	2425	4,361.58	0.00	32,556.43	32,556.43	5,196.84	0.00	36,918.01	42,114.85
Germany	USAG WIESBADEN	24 MCGINNIS STREET (PO02124)	2012	2425	4,798.82	0.00	30,341.42	30,341.42	4,522.81	0.00	35,140.24	39,663.05

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)
Units Projected to Exceed \$35K per Unit in Operation and Maintenance (O&M)

State/Country	Installation	Street Address	Year Built	NSF	Operations	Major Projects	M&R	Total M&R	Utilities	Lease	O&M	Total Costs (Inc Lease & Utils)
Korea	USAG DAEGU	001-S CAMP WALKER (CW0000)	1996	2100	21,480.00	0.00	29,730.00	29,730.00	7,050.00	0.00	51,210.00	58,260.00
Miami	USAG MIAMI	6853 NW 113TH PLACE	2001	3590	30,730.00	0.00	8,390.00	8,390.00	14,450.00	112,220.00	39,120.00	165,790.00
District of Columbia	FORT LESLEY J MCNAIR	201 SECOND AVE (NPG01)	1903	3184	18,700.00	0.00	44,620.00	44,620.00	61,540.00	0.00	63,320.00	124,860.00
District of Columbia	FORT LESLEY J MCNAIR	237 SECOND AVE (NPG10)	1903	3169	18,500.00	0.00	23,000.00	23,000.00	60,160.00	0.00	41,500.00	101,660.00
District of Columbia	FORT LESLEY J MCNAIR	241 SECOND AVE (NPG11)	1903	3169	18,460.00	0.00	23,000.00	23,000.00	58,360.00	0.00	41,460.00	99,820.00
District of Columbia	FORT LESLEY J MCNAIR	245 SECOND AVE (NPG12)	1903	3169	18,500.00	0.00	59,500.00	59,500.00	60,080.00	0.00	78,000.00	138,080.00
District of Columbia	FORT LESLEY J MCNAIR	249 SECOND AVE (NPG13)	1903	3169	18,500.00	0.00	23,000.00	23,000.00	55,420.00	0.00	41,500.00	96,920.00
District of Columbia	FORT LESLEY J MCNAIR	253 SECOND AVE (NPG14)	1903	3169	20,700.00	0.00	23,000.00	23,000.00	58,960.00	0.00	43,700.00	102,660.00
District of Columbia	FORT LESLEY J MCNAIR	257 SECOND AVE (NPG15)	1903	3169	20,700.00	0.00	24,000.00	24,000.00	59,350.00	0.00	44,700.00	104,050.00
District of Columbia	FORT LESLEY J MCNAIR	205 SECOND AVE (NPG02)	1905	3184	19,750.00	0.00	23,000.00	23,000.00	58,660.00	0.00	42,750.00	101,410.00
District of Columbia	FORT LESLEY J MCNAIR	209 SECOND AVE (NPG03)	1903	3184	19,000.00	0.00	45,620.00	45,620.00	58,180.00	0.00	64,620.00	122,800.00
District of Columbia	FORT LESLEY J MCNAIR	213 SECOND AVE (NPG04)	1903	3169	19,000.00	0.00	44,620.00	44,620.00	56,020.00	0.00	63,620.00	119,640.00
District of Columbia	FORT LESLEY J MCNAIR	217 SECOND AVE (NPG05)	1903	2876	18,800.00	0.00	23,000.00	23,000.00	58,100.00	0.00	41,800.00	99,900.00
District of Columbia	FORT LESLEY J MCNAIR	221 SECOND AVE (NPG06)	1903	2834	19,000.00	0.00	23,000.00	23,000.00	56,000.00	0.00	42,000.00	98,000.00
District of Columbia	FORT LESLEY J MCNAIR	225 SECOND AVE (NPG07)	1903	4436	41,250.00	0.00	26,000.00	26,000.00	73,940.00	0.00	67,250.00	141,190.00
District of Columbia	FORT LESLEY J MCNAIR	229 SECOND AVE (NPG08)	1903	4057	64,000.00	0.00	27,000.00	27,000.00	74,780.00	0.00	91,000.00	165,780.00
District of Columbia	FORT LESLEY J MCNAIR	233 SECOND AVE (NPG09)	1903	4278	65,000.00	0.00	27,000.00	27,000.00	75,060.00	0.00	92,000.00	167,060.00
Virginia	JOINT BASE MYER - HENDERSON	321-A JACKSON AVE (PG011)	1892	2742	22,450.00	0.00	18,980.00	18,980.00	65,973.00	0.00	41,430.00	107,403.00
Virginia	JOINT BASE MYER - HENDERSON	321-B JACKSON AVE (PG011)	1891	2951	44,750.00	0.00	34,980.00	34,980.00	51,670.00	0.00	79,730.00	131,400.00
Virginia	JOINT BASE MYER - HENDERSON	317-A JACKSON AVE (PG012)	1892	2701	38,500.00	0.00	18,980.00	18,980.00	54,670.00	0.00	57,480.00	112,150.00
Virginia	JOINT BASE MYER - HENDERSON	317-B JACKSON AVE (PG012)	1892	2774	20,950.00	0.00	18,980.00	18,980.00	51,630.00	0.00	39,930.00	91,560.00
Virginia	JOINT BASE MYER - HENDERSON	313-A JACKSON AVE (PG013)	1903	1980	40,950.00	0.00	18,980.00	18,980.00	31,920.00	0.00	59,930.00	91,850.00
Virginia	JOINT BASE MYER - HENDERSON	313-B JACKSON AVE (PG013)	1903	1973	40,750.00	0.00	43,980.00	43,980.00	32,000.00	0.00	84,730.00	116,730.00
Virginia	JOINT BASE MYER - HENDERSON	309-A JACKSON AVE (PG014)	1903	1998	40,750.00	0.00	30,980.00	30,980.00	32,770.00	0.00	71,730.00	104,500.00
Virginia	JOINT BASE MYER - HENDERSON	309-B JACKSON AVE (PG014)	1903	1927	41,250.00	0.00	18,980.00	18,980.00	31,590.00	0.00	60,230.00	91,820.00
Virginia	JOINT BASE MYER - HENDERSON	305-A JACKSON AVE (PG015)	1908	2535	41,250.00	0.00	14,200.00	14,200.00	52,260.00	0.00	55,450.00	107,710.00
Virginia	JOINT BASE MYER - HENDERSON	301-A JACKSON AVE (PG016)	1908	2463	41,250.00	0.00	18,980.00	18,980.00	52,260.00	0.00	60,230.00	112,490.00
Virginia	JOINT BASE MYER - HENDERSON	301-B JACKSON AVE (PG016)	1908	2463	40,950.00	0.00	43,980.00	43,980.00	52,260.00	0.00	84,930.00	137,190.00
Virginia	JOINT BASE MYER - HENDERSON	213-A LEE AVE (PS019)	1932	2108	19,000.00	0.00	18,980.00	18,980.00	34,310.00	0.00	37,980.00	72,290.00
Virginia	JOINT BASE MYER - HENDERSON	205-B LEE AVE	1932	3241	18,000.00	0.00	18,980.00	18,980.00	34,310.00	0.00	36,980.00	71,290.00
Virginia	JOINT BASE MYER - HENDERSON	228-A LEE AVE (PG023)	1896	2778	18,900.00	0.00	18,980.00	18,980.00	49,980.00	0.00	37,880.00	87,860.00
Virginia	JOINT BASE MYER - HENDERSON	224-A LEE AVE	1896	726	38,270.00	0.00	7,400.00	7,400.00	19,580.00	0.00	45,670.00	65,250.00
Virginia	JOINT BASE MYER - HENDERSON	224-B LEE AVE (PG024)	1896	2682	19,000.00	0.00	18,980.00	18,980.00	49,980.00	0.00	37,980.00	87,960.00
Virginia	JOINT BASE MYER - HENDERSON	220-B LEE AVENUE	1896	1958	18,500.00	0.00	18,980.00	18,980.00	30,330.00	0.00	37,480.00	67,810.00
Virginia	JOINT BASE MYER - HENDERSON	220-C LEE AVE (PG025)	1896	2594	18,500.00	0.00	18,980.00	18,980.00	49,980.00	0.00	37,480.00	87,460.00
Virginia	JOINT BASE MYER - HENDERSON	216-A LEE AVE (PG026)	1896	2999	18,500.00	0.00	30,980.00	30,980.00	49,980.00	0.00	49,480.00	99,460.00
Virginia	JOINT BASE MYER - HENDERSON	212-A LEE AVE (PG027)	1903	3715	18,000.00	0.00	18,780.00	18,780.00	51,460.00	0.00	36,780.00	88,240.00
Virginia	JOINT BASE MYER - HENDERSON	208 LEE AVE	1935	1623	18,270.00	0.00	18,780.00	18,780.00	31,680.00	0.00	37,050.00	68,730.00
Virginia	JOINT BASE MYER - HENDERSON	110 GRANT AVE (PG006)	1908	7365	20,500.00	0.00	19,200.00	19,200.00	98,640.00	0.00	39,700.00	138,340.00
Virginia	JOINT BASE MYER - HENDERSON	106 GRANT AVE (PG007)	1909	4707	21,150.00	0.00	19,200.00	19,200.00	66,280.00	0.00	40,350.00	106,630.00
Virginia	JOINT BASE MYER - HENDERSON	102 GRANT AVE (PG008)	1903	4255	61,210.00	0.00	25,980.00	25,980.00	66,220.00	0.00	87,190.00	153,410.00
Illinois	ROCK ISLAND ARSENAL	3232 TERRACE DRIVE (003)	1872	4741	5,950.00	55,000.00	25,900.00	80,900.00	13,100.00	0.00	86,850.00	99,950.00
Illinois	ROCK ISLAND ARSENAL	3294 TERRACE DRIVE (004)	1872	4455	25,300.00	0.00	29,600.00	29,600.00	13,200.00	0.00	54,900.00	68,100.00
Illinois	ROCK ISLAND ARSENAL	3472 TERRACE DRIVE (006)	1905	5865	5,750.00	0.00	43,400.00	43,400.00	13,200.00	0.00	49,150.00	62,350.00
		82 Grand Totals			2,244,178.10	118,700.00	2,928,286.74	3,046,986.74	2,614,577.70	609,204.95	5,291,164.85	8,514,947.49

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
GENERAL/FLAG OFFICERS QUARTERS (Continued)

Units over 6,000 Net Square Feet (NSF)									
(Dollars in Thousand)									
State/ Country	Installation	Quarters ID	Address	Year Built	Size NSF	Total O&M Cost	Alternative Use	Cost to Convert Unit	If O&M>\$35K Demolish &Rebuild Cost
Belgium	USAG Benelux - Chievres	1	1 Chateau Gendebien	1892	10,010	\$462,136	N/A	N/A	N/A
Germany	USAG Bavaria - Gamisch	835	20 Riesserseestr	1911	6,997	\$54,119	N/A	N/A	N/A
Total	2 GFOQ Units								

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

United States Army
Privatized General and Flag Officers' Quarters
Operations, Maintenance and Repair Costs Incurred by Private Sector Developer/Partner Owner
Exceeding \$50K per Housing Unit
for Fiscal Year 2022
(Dollars in Thousands)

Installation	Quarters ID	Year Built	Size NSF	Operations Cost	Main & Repair Cost	Total FH O&M Cost
West Point	#100	1820	11,000	\$4,043	\$108,136	\$112,179
						\$112,179

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
UTILITIES ACCOUNT

(\$ in Thousands)	
FY 2024 Budget Request	\$38,951
FY 2023 Program Budget	\$46,849

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 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.

The Exhibit OP-5 reflects a decrease in FY 2024 requirements due to favorable currency rates and the Army's continued effort to provide more energy efficient homes.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
UTILITIES
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

\$ In Thousands

1.	FY 2023 President's Budget Request		46,849
2.	FY 2023 Appropriated Amount		46,849
3.	FY 2023 Current Estimate		46,849
4.	Pricing Adjustments:		-3,726
	a. Economic Inflation	937	
	b. Non-Pay/Non-Fuel Inflation	418	
	c. Foreign Currency	-5,081	
5.	Program Adjustment: Decreased cost due to the Army's continued effort to provide more energy efficient homes		-4,172
6.	FY 2024 President's Budget Request		38,951

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT
(\$ in Thousands)

FY 2024 Budget Request	\$112,976
FY 2023 Program Budget	\$127,499

PURPOSE AND SCOPE

The purpose of the leasing program is to provide adequate Family housing at both domestic and foreign locations when temporary housing is needed to satisfy housing shortfalls or affordable adequate housing is not readily available. In addition, it provides funding to reimburse Department of State (DoS) for use of Embassy Leased Housing (ELH). The leasing program, authorized by 10 USC 2828, 10 USC 2834, and 10 USC 2835, provides for all costs and manpower associated with leasing, executing, furnishing, and managing leased family homes globally. The program also includes funding for services, such as utilities, refuse collection and maintenance, when these services are not provided as part of the lease contract. Funding to the DoS includes unit rent and utilities, furnishings pool and generator pool buy-ins, and mandatory DoS security upgrades. Once leased, these units are managed and assigned to military Families as government quarters.

The Army continues to rely on the private sector to meet most housing needs. The Army leases Family Housing where affordable adequate private-rental housing is not readily available or where the DoS Chief of Mission mandates it for that location.

The Army Materiel Command, Installation Management Command, the U.S. Army Recruiting Command, the U.S. Army Cadet Command, the U.S. Military Entrance Processing Command, and eight Combatant and Army Commands with DoS Embassy Leased Housing project their requirements annually to the Army Housing Headquarters Office. The Army Housing Headquarters Office validates the requirement request against historic execution rates, known programmatic and stationing changes, and confirms costs with the DoS when applicable.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$112,976,000 to fund leases and related expenses in FY2024. A summary of the leasing program for the most recent three program years follows:

Lease Type	FY 2022 (Executed)		FY 2023 (Estimate)		FY 2024 (Estimate)	
	Leases	Cost	Leases	Cost	Leases	Cost
	Supported	\$000	Supported	\$000	Supported	\$000
Domestic	269	9,440	284	10,161	305	10,918
Foreign	3,530	110,922	3,354	117,338	3,579	102,058
Total	3,799	120,362	3,638	127,499	3,884	112,976

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT (Continued)

JUSTIFICATION:

Domestic Leasing: The domestic leasing program provides adequate housing for Army Families on a temporary basis. Domestic leases support the Active Component and include Key and Essential Service Members assigned to the U.S. Southern Command (SOUTHCOM) in Miami, Florida, General Flag Officers Quarters in Austin, TX for Army Futures Command (AFC), Independent Duty Leases (IDL) for Soldiers assigned to the U.S. Army Recruiting Command (USAREC), U.S. Army Cadet Command (USACC), U.S. Military Entrance Processing Command (MEPCOM), and a small contingency of leases for the 177th Armored Brigade at Camp Shelby, MS.

Revised leasing projections for SOUTHCOM in Miami are based on the most recent Housing Market Analysis results, Economic Analysis, Command projections, and historical lease execution from FY21 and FY22. The leasing program will be in place until there is a permanent housing solution found for USAG Miami. End of FY23, Army Futures Command (AFC) will cease leasing General Flag Officers Quarters (GFOQ) and will rely on the local housing market within Basic Allowance for Quarters (BAH) rates. Leasing to provide housing support for AFC headquarters assigned personnel. Austin, TX received a significant boost in BAH in FY23, which reduced their projected need for non-GFOQ leases.

Foreign Leasing: The FY 2024 foreign leasing program consists of approximately 3,579 homes that are leased under 10 USC 2828 and 10 USC 2834. Department of State (DoS) executes leases for Department of Defense (DoD) personnel in countries where DoS has sole contracting authority and/or at Embassy Leased Housing (ELH) is mandated. COVID-19 pandemic caused many overseas families assigned to ELH to return early to the United States and some assignments to foreign locations were delayed in FY20 and FY21. The Army is continuing to return to pre-COVID staffing at foreign embassies in FY22 and FY23. Hohenfels and Vicenza have requested additional leased units to replace aging homes and to reduce inventory deficits while waiting on the completion of MILCON projects.

PROGRAM ADJUSTMENTS

The program is adjusted based on changes to both the domestic and foreign leasing programs. DCS, G-9 will support Army Futures Command and USAG Miami with validated requirements from Housing Market Analysis and the understanding that the program is voluntary since Soldiers forfeit their full BAH to reside in government leased housing. In Europe where leasing is still the most cost-effective option for housing, inadequate units are being terminated and replaced with either Build-to-Lease homes or private rentals. Planned 127 Build-to-Lease (BTL) homes plus an additional 100 leases in Vicenza, Italy and 106 Build-to-Lease in Hohenfels, Germany will address housing deficits that will still exist after replacement construction is completed. Lack of adequate housing in the community drives the need for BTL efforts in Europe. There are continued leasing efforts in Belgium and the Netherlands to bring additional homes into the inventory for assignment.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

LEASING

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	\$ In Thousands	
1. FY 2023 President's Budget Request		127,499
2. FY 2023 Appropriated Amount		127,499
3. FY 2023 Current Estimate		127,499
4. Pricing Adjustments:		-14,895
a. Economic Inflation	2,550	
b. Civilian Pay	135	
c. Non-Pay/Non-Fuel Inflation	543	
d. Foreign Currency	-18,123	
5. Program Adjustment: Build-to-Lease (BTL) units in Vicenza, Italy will address housing deficits that will exist after replacement construction is completed. Lack of adequate housing in the community drives the need for BTL efforts in Europe		372
6. FY 2024 President's Budget Request		112,976

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY

		FY2022 (Executed)			FY2023 (Estimate)			FY2024 (Estimate)		
		Units	Lease	(\$000)	Units	Lease	(\$000)	Units	Lease	(\$000)
		Supported	Months		Supported	Months		Supported	Months	
<u>DOMESTIC LEASING</u>										
	Independent Duty, Va	185	2,220	5,893	200	2,400	6,186	220	2,640	6,858
	Hattiesburg, MS	25	300	687	25	300	687	25	300	760
	Miami, FL	25	300	1,000	25	300	1,208	30	360	1,383
	Miami (K&E)	5	60	655	5	60	731	5	60	804
	Austin, TX (K&E)	4	48	193	4	48	236	0	0	0
	Austin, TX	25	300	1,012	25	300	1,113	25	300	1,113
Total Domestic		269	3,228	9,440	284	3,408	10,161	305	3,660	10,918
		FY2022 (Executed)			FY2023 (Estimate)			FY2024 (Estimate)		
		Units	Lease	(\$000)	Units	Lease	(\$000)	Units	Lease	(\$000)
		Supported	Months		Supported	Months		Supported	Months	
<u>FOREIGN LEASING</u>										
<u>EUSA (Korea)</u>										
	Humphreys	71	852	1,701	1	12	44	1	12	44
	Total Korea	71	852	1,701	1	12	44	1	12	44
<u>USAREUR</u>										
	Germany	2,454	29,448	69,772	2,350	28,200	73,790	2,555	30,660	59,579
	Belgium	100	1,200	4,032	100	1,200	5,019	100	1,200	5,114
	Netherlands	75	900	3,185	75	900	3,485	75	900	3,657
	Italy	605	7,260	18,567	605	7,260	21,075	620	7,440	19,589
Total USAREUR		3,234	38,808	95,556	3,130	37,560	103,369	3,350	40,200	87,939

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT, FH-4 DISPLAY (Continued)

	FY2022 (Executed)			FY2023 (Estimate)			FY2024 (Estimate)		
	Units	Lease		Units	Lease		Units	Lease	
<u>FOREIGN LEASING</u>	Supported	Months	(\$000)	Supported	Months	(\$000)	Supported	Months	(\$000)
Department of State (DoS) Leasing									
-- Reimbursed Foreign									
Albania	1	12	37	1	12	37	1	12	39
Angola	1	12	160	1	12	165	1	12	167
Argentina	2	24	148	2	24	151	2	24	153
Armenia	1	12	39	1	12	39	1	12	40
Azerbaijan	1	12	55	1	12	48	1	12	48
Belgium	4	48	195	4	48	200	4	48	202
Belize	1	12	65	1	12	65	1	12	66
Bosnia	2	24	66	2	24	67	2	24	67
Brazil	10	120	587	10	120	604	10	120	606
Brunei	0	0	0	0	0	0	0	0	0
Bulgaria	1	12	43	1	12	42	1	12	43
Burkina Faso	2	24	97	2	24	97	2	24	99
Cameroon	1	12	62	0	0	0	0	0	0
Chad	1	12	66	1	12	66	1	12	67
Chile	5	60	354	5	60	363	5	60	363
Colombia	15	180	934	15	180	956	20	240	960
Cote D'Ivoire	3	36	435	3	36	440	3	36	442
Croatia	1	12	39	1	12	39	1	12	40
Czech Republic	3	36	116	2	24	94	2	24	96
Djibouti	2	24	101	2	24	103	2	24	106
Dominican Republic	7	84	427	6	72	435	6	72	436
Subtotals	63	756	4026	61	732	4011	66	792	4040

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT (Continued)

	FY2022 (Executed)			FY2023 (Estimate)			FY2024 (Estimate)		
	Units	Lease		Units	Lease		Units	Lease	
<u>FOREIGN LEASING</u>	Supported	Months	(\$000)	Supported	Months	(\$000)	Supported	Months	(\$000)
Department of State (DoS) Leasing									
-- Reimbursed Foreign									
Ecuador	2	24	115	2	24	129	2	24	132
Egypt	1	12	54	1	12	54	1	12	55
El Salvador	45	60	364	5	60	386	5	60	389
Estonia	2	24	103	2	24	105	2	24	107
Ethiopia	3	36	154	3	36	165	3	36	165
France	10	120	790	10	120	825	10	120	827
Gabon	1	12	70	1	12	70	1	12	71
Georgia	10	120	360	10	120	371	10	120	373
Germany	2	24	93	2	24	93	2	24	95
Ghana	1	12	55	1	12	56	1	12	57
Greece	1	12	49	1	12	50	1	12	51
Guinea	1	12	36	1	12	36	1	12	37
Guyana	3	36	206	4	48	208	4	48	210
Haiti	3	36	151	3	36	153	3	36	157
Hungary	2	24	87	2	24	89	2	24	90
India	2	24	55	2	24	55	2	24	55
Ireland	1	12	40	1	12	40	1	12	40
Israel	8	96	535	8	96	545	8	96	554
Jamaica	2	24	96	2	24	96	2	24	96
Jordan	2	24	212	2	24	216	2	24	219
Kenya	7	84	434	7	84	436	7	84	439
Kosovo	2	24	67	2	24	67	2	24	67
Kuwait	1	12	54	1	12	54	1	12	54
Subtotals	73	876	4180	73	876	4299	73	876	4340

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT (Continued)

	FY2022 (Executed)			FY2023 (Estimate)			FY2024 (Estimate)		
	Units	Lease		Units	Lease		Units	Lease	
<u>FOREIGN LEASING</u>	Supported	Months	(\$000)	Supported	Months	(\$000)	Supported	Months	(\$000)
Department of State (DoS) Leasing									
-- Reimbursed Foreign									
Latvia	0	0	0	0	0	0	0	0	0
Lithuania	4	48	184	4	48	194	4	48	197
Madagascar	1	12	24	1	12	24	1	12	25
Malawi	2	24	111	2	24	113	2	24	115
Malaysia	0	0	0	0	0	0	0	0	0
Mali	1	12	55	1	12	55	1	12	57
Mauritania	1	12	45	1	12	45	1	12	47
Mauritius	1	12	89	1	12	89	1	12	91
Mexico	2	24	145	2	24	153	2	24	157
Moldova	1	12	50	1	12	50	1	12	52
Montenegro	2	24	51	1	12	51	1	12	51
Morocco	4	48	309	4	48	318	4	48	318
Mozambique	1	12	58	1	12	58	1	12	58
Nepal	1	12	40	1	12	41	1	12	42
New Zealand	1	12	57	1	12	59	1	12	59
Norway	2	24	138	2	24	145	2	24	145
Oman	3	36	335	3	36	347	3	36	348
Peru	3	36	201	3	36	212	3	36	213
Philippines	2	24	168	2	24	171	2	24	173
Qatar	0	0	0	0	0	0	0	0	0
Romania	4	48	107	4	48	107	4	48	111
Rwanda	1	12	24	1	12	26	1	12	28
Senegal	2	24	200	2	24	202	2	24	204
Serbia	3	36	136	3	36	138	3	36	140
Subtotals	41	492	2527	41	492	2598	41	492	2631

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT (Continued)

	FY2022 (Executed)			FY2023 (Estimate)			FY2024 (Estimate)		
	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)	Units Supported	Lease Months	(\$000)
<u>FOREIGN LEASING</u>									
Department of State (DoS) Leasing									
-- Reimbursed Foreign									
Sierra Leone	1	12	64	1	12	66	1	12	68
Slovakia	1	12	44	1	12	44	1	12	45
Slovenia	1	12	35	1	12	36	1	12	37
Sri Lanka	1	12	55	1	12	56	1	12	58
Suriname	2	24	124	2	24	128	2	24	130
The Netherlands	2	24	119	1	12	123	1	12	126
Tunisia	3	36	91	3	36	96	3	36	98
Turkey	9	108	253	9	108	264	9	108	267
Uganda	2	24	100	2	24	100	2	24	104
Ukraine	5	60	250	5	60	270	5	60	273
United Kingdom	4	48	483	4	48	494	4	48	497
Uruguay	4	48	320	4	48	325	4	48	328
Uzbekistan	2	24	70	2	24	70	2	24	72
Vietnam	1	12	44	1	12	45	1	12	46
Subtotal	37	444	2052	37	444	2117	37	444	2149
Total Foreign DoS Leasing	214	2,568	12,785	212	2,544	13,025	217	2,604	13,160
Other Foreign Leasing									
Poland	1	12	65	1	12	67	1	12	72
Qatar	10	120	815	10	120	833	10	120	843
Total Other Foreign Leasing	11	132	880	11	132	900	11	132	915
Total Foreign Leasing	3,530	42,360	110,922	3,354	40,248	117,338	3,579	42,948	102,058
TOTAL LEASING PROGRAM	3,799	45,588	120,362	3,638	43,656	127,499	3,884	46,608	112,976

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
LEASING ACCOUNT (Continued)
FY 2024 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 2024 BUDGET RATE</u>	<u>FY 2024 EST. THRESHOLD</u>	<u>EST. UNIT COST</u>
Belgium	100	19	B Franc	42.77	0.9798 (Euro)	\$62,945	\$104,305
Netherlands	75	2	Guilder	2.33	0.9798 (Euro)	\$62,771	\$75,384
Poland	1	1	Zloty	284.0	n/a	\$43,102	\$47,573

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 result of the conversion-to-Euro adjusted rate divided by the FY budget rate. The conversion to Euro adjusted rate is the FY 1988 currency rate divided by the official, permanent Euro conversion rate – for Belgium, its 40.3399 and for the Netherlands, its 2.20371. For non-EU countries, the CPI-adjusted \$20,000 (\$25,000 and \$35,000 in Korea) authority is adjusted for exchange fluctuations since FY 1988. Leases exceeding a country's threshold are counted against the Army's high-cost lease allocation.

<u>\$20K CPI Est. FY 2021</u>		<u>FY 1988 Rate</u>		<u>Permanent Belgium Franc/Guilder to Euro Conversion Rate</u>		<u>FY 2024 Euro Budget Rate</u>		<u>FY 2024 High-Cost Threshold</u>
\$58,170	x	(42.77	÷	40.3399	÷	0.9798)	=	\$62,945
\$58,170	x	(2.33	÷	2.20371	÷	0.9798)	=	\$62,771

Note: Department of State Housing Pool participants 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 THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)	
FY 2024 Budget Request	\$86,019
FY 2023 Program Budget	\$65,740
² FY 2023 Enactment: Oversight of Housing Portfolio	\$ 5,000
FY 2023 Appropriated Amount	\$70,740

²Funds provided by Congress in FY 2023 for oversight of the Army's family housing portfolio.

PURPOSE AND SCOPE

The Department of the Army continues to employ the tools authorized under 10 USC 2871-2886 to execute a 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 in the off-post community. The Army's Residential Communities Initiative (RCI) family housing program currently consists of approximately 85,300 privatized end-state family housing units at 49 military installations, representing over 99% of the Army's on-post family housing inventory in the U.S. The Army is in the process of working with OSD, OMB, and Congress to approve the privatization of family housing at seven more military installations, bringing the Army RCI program totals to approximately 85,800 privatized end-state family housing units at 56 military installations, representing almost 100% of the Army's on-post family housing inventory in the U.S.

The Initial Development Period (IDP) for Army RCI family housing projects varied from three to fourteen years and was the timeframe in which all inadequate family housing units in a project or at an installation were renovated or replaced and construction of additional units was done. The Army has closed out all project IDPs and is approving Out-Year Development Plans (OYDPs). The OYDPs are typically in five-year increments across the life of the privatization agreement and continue the work and upkeep of the privatized family housing units.

The Army maintains oversight of the RCI program through a rigorous Portfolio and Asset Management (PAM) process. The PAM process was revised because of P.Ls 116-92, 116-283, and 117-81.

The Army is working with OSD, OMB, and Congress to approve the Small Installation – Miami Project privatization initiative. The RCI program is a key component of the Army's strategy to ensure long-term sustainment of quality communities and housing for Soldiers and their families.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

Program Summary

The FY 2024 funding request provides \$86,019,000 for RCI program PAM, oversight and operations. Funding will support civilian pay, travel, ground lease compliance and supplemental agreement processing, environmental and real estate assessments, training, financial consultant services, and the privatization modules in the Department of Defense system, enterprise Military Housing (eMH).

Oversight of this program continues to evolve to correct PAM gaps and issues identified since 2019 and to meet statutory requirements in P.Ls 116-92, 116-283, and 117-81.

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Estimated Basic Allowance for Housing (BAH) To Be Paid To Members Living In Privatized Housing

It is estimated that the Army will pay basic allowance for housing (BAH) under section 403 of title 37 to members living in privatized housing the amounts of \$1,788,580,000 in FY 2023 and \$1,817,440,000 in FY 2024. The number of units of military family housing upon which these estimated payments are made is 80,774 in FY 2023 and 80,774 in FY 2024. The number of units of military unaccompanied housing upon which these estimated payments are made is 1,549 in FY 2023 and 1,549 FY 2024.

These estimates meet the reporting requirement stipulated in 10 USC 2884 (b) (2). However, it must be noted that it is difficult to project the true cost of BAH allowances provided to members living in privatized housing. BAH allowances for members in privatized housing are not specifically tracked in budget or execution data, as these members receive the same allowances as those who live on the economy. BAH accounting data is available for only the various categories of payments (for instance, domestic with and without dependents, partial, overseas housing allowances, etc.).

The table below summarizes FY 2024 RCI Family Housing program costs (\$ in Thousands):

Installation Level Program/Project Management and Oversight (Army Material Command)	\$27,005
Environmental/Real Estate/Legal (U.S. Army Corps of Engineers)	\$1,940
Portfolio Management/Advisory Support (Headquarters, Department of the Army)	\$57,074
Total	\$86,019

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

PRIVATIZATION
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

			\$ In Thousands
1.	FY 2023 President's Budget Request		65,740
2.	Program Adjustment: Congressional Enactment		5,000
	a. Oversight of the Army's Family Housing Portfolio	5,000	
3.	FY 2023 Appropriated Amount		70,740
4.	FY 2023 Current Estimate		70,740
5.	Pricing Adjustments:		1,945
	a. Economic Inflation	1,415	
	b. Civilian Pay	317	
	c. Non-Pay/Non-Fuel Inflation	213	
6.	Program Adjustment: Increase in FY24 MHPI funding for independent housing inspections.		18,334
7.	Program Decrease: FY23 Congressional Enactment Increase		-5,000
	a. Oversight of the Army's Family Housing Portfolio	-5,000	
8.	FY 2024 President's Budget Request		86,019

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)
FH-6 Exhibit

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴						Actual/Current Plan ⁸							MHPI Authorities ¹³
			No. Units Conveyed ⁵	No. End State Units ⁶	Funding Source(s) ⁷				No. Units Conveyed ⁹	No. End State Units ¹⁰	Total No. Units in Current Inventory ¹¹	Funding Source(s) ¹²				
					Amount (\$M) ^{7a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}	Source Project Name ^{7d}				Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²	
Nov-99	Fort Carson Family Housing, LLC	Fort Carson/CO	1,823	3,456	98.300 37.600	FY08 FY09	FHIF FHIF	68878 75333	1,823	3,368	3,446	98.300 37.600	FY08 FY09	FHIF FHIF	68878 75333	2,3,5
Nov-01	Fort Hood Family Housing, LP	Fort Hood/TX	5,622	5,912	52.000	FY09	FHIF	75301	5,622	5,912	5,613	52.000	FY09	FHIF	75301	3,5
Apr-02	Lewis-McChord Communities, LLC	Joint Base Lewis-McChord/WA	4,615	4,959	72.700 16.200	FY08 FY08	FHIF FHIF	68876 UNK	4,615	4,994	5,159	72.700 16.200	FY08 FY08	FHIF FHIF	68876 UNK	3,5
May-02	Meade Communities, LLC	Fort Meade/MD	2,862	2,627	0.000	N/A	N/A	N/A	2,862	2,627	2,628	0.000	N/A	N/A	N/A	3,5
Aug-03	Bragg Communities, LLC	Fort Bragg/NC	5,375	6,238	49.437 44.400 5.400	FY02 FY08 FY10	FHIF FHIF FHIF	55079 68875 66655	5,375	6,238	6,104	49.437 44.400 5.400	FY02 FY08 FY10	FHIF FHIF FHIF	55079 68875 66655	3,5
Oct-03	Monterey Bay Military Housing, LLC	Presidio of Monterey/CA	2,668	1,565	0.000	N/A	N/A	N/A	2,668	1,565	2,400	0.000	N/A	N/A	N/A	3,5
Nov-03	Stewart Hunter Housing, LLC	Fort Stewart/GA Hunter Army Airfield/GA	2,926	3,477	37.374 5.201	FY02 FY09	FHIF FHIF	55179 76243	2,926	3,268	3,268	37.374 5.201	FY02 FY09	FHIF FHIF	55179 76243	3,5
Dec-03	Fort Belvoir Residential Communities	Fort Belvoir/VA	2,070	2,106	0.000	N/A	N/A	N/A	2,070	2,154	2,108	0.000	N/A	N/A	N/A	3,5
Dec-03	Campbell Crossing, LLC	Fort Campbell/KY	4,235	4,457	60.105 28.000	FY02 FY06	FHIF FHIF	55176 62219	4,235	4,457	4,457	60.105 28.000	FY02 FY06	FHIF FHIF	55176 62219	3,5
Mar-04	California Military Communities	Fort Irwin/CA Moffett Field/CA Camp Parks/CA	2,290	2,982	26.660 31.000 30.000	FY06 FY07 FY10	FHIF FHIF FHIF	62216 65193 72702	2,290	2,895	2,895	26.660 31.000 30.000	FY06 FY07 FY10	FHIF FHIF FHIF	62216 65193 72702	3,5
Jun-04	Fort Hamilton Housing, LLC	Fort Hamilton/NY	293	228	2.175 3.000	FY02 FY09	FHIF FHIF	56859 56859	293	228	228	2.175 3.000	FY02 FY09	FHIF FHIF	56859 56859	3,5
Jul-04	Fort Detrick / Walter Reed Army Medical Center Housing, LLC	Fort Detrick/MD Walter Reed Army Medical Center/DC	410	602	1.186 0.099	FY02 FY02	FHIF FHIF	56858 56860	410	593	593	1.186 0.099	FY02 FY02	FHIF FHIF	56858 56860	3,5
Sep-04	Polk Communities, LLC	Fort Polk/LA	3,466	3,933	53.655 18.392	FY03 FY10	FHIF FHIF	57430 72704	3,466	3,661	3,615	53.655 18.392	FY03 FY10	FHIF FHIF	57430 72704	2,3,5
Oct-04	Island Palm Communities, LLC	Fort Shafter/HI Schofield Barracks/HI	8,132	7,378	0.000	N/A	N/A	N/A	8,132	7,240	7,579	0.000	N/A	N/A	N/A	3,5
Dec-04	Fort Eustis / Fort Story Housing LLC	Joint Base Langley-Eustis/VA Joint Expeditionary Base Little Creek- Fort Story/VA	1,115	1,132	14.800 6.500 19.960	FY03 FY10 FY11	FHIF FHIF FHIF	57432 66657 72711	1,115	1,131	1,131	14.800 6.500 19.960	FY03 FY10 FY11	FHIF FHIF FHIF	57432 66657 72711	3,5
Mar-05	Fort Leonard Wood Family Communities, LLC	Fort Leonard Wood/MO	2,496	1,806	29.000 15.750	FY03 FY09	FHIF FHIF	57435 57435	2,496	1,806	1,804	29.000 15.750	FY03 FY09	FHIF FHIF	57435 57435	3,5
Mar-05	Fort Sam Houston Family Housing, LP	Joint Base San Antonio/TX	925	925	6.600	FY04	FHIF	57811	925	925	925	6.600	FY04	FHIF	57811	3,5
May-05	Fort Drum Mountain Community Homes, LLC	Fort Drum/NY	2,272	3,669	52.000 75.000	FY04 FY07	FHIF FHIF	58559 65191	2,272	3,793	3,793	52.000 75.000	FY04 FY07	FHIF FHIF	58559 65191	3,5

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)
FH-6 Exhibit (Continued)

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴						Actual/Current Plan ⁸							MHPI Authorities ¹³
			No. Units Conveyed ⁵	No. End State Units ⁶	Funding Source(s) ⁷				No. Units Conveyed ⁹	No. End State Units ¹⁰	Total No. Units in Current Inventory ¹¹	Funding Source(s) ¹²				
					Amount (\$M) ^{7a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}	Source Project Name ^{7d}				Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²	
Jul-05	Fort Bliss/White Sands Missile Range Housing LP	Fort Bliss/TX White Sands Missile Range/NM	3,315	4,351	38.000 30.000 4.960 12.600 35.600 127.000	FY04 FY05 FY06 FY07 FY08 FY09	FHIF FHIF FHIF FHIF FHIF FHIF	57813 57070 62224 66313 68867 71215	3,315	4,843	4,602	38.000 30.000 4.960 12.600 35.600 127.000	FY04 FY05 FY06 FY07 FY08 FY09	FHIF FHIF FHIF FHIF FHIF FHIF	57813 57070 62224 66313 68867 71215	3,5
Jan-06	Fort Benning Family Communities, LLC	Fort Benning/GA	3,945	4,000	55.150	FY05	FHIF	57812	3,945	4,000	4,001	55.150	FY05	FHIF	57812	3,5
Mar-06	Fort Leavenworth Frontier Heritage Communities, LLC	Fort Leavenworth/KS	1,578	1,583	15.000	FY05	FHIF	58557	1,578	1,583	1,695	15.000	FY05	FHIF	58557	3,5
Apr-06	Rucker Communities, LLC	Fort Rucker/AL	1,512	1,476	24.000	FY05	FHIF	57815	1,512	1,476	1,476	24.000	FY05	FHIF	57815	3,5
May-06	Carlisle / Picatinny Family Housing LP	Carlisle Barracks/PA Picatinny Arsenal/NJ	429	348	0.494 22.000 16.940 14.970	FY02 FY04 FY06 FY11	FHIF FHIF FHIF FHIF	56857 59123 UNK 66738	429	348	348	0.494 22.000 16.940 14.970	FY02 FY04 FY06 FY11	FHIF FHIF FHIF FHIF	56857 59123 UNK 66738	3,5
May-06	Fort Gordon Housing, LLC	Fort Gordon/GA	876	887	9.000	FY05	FHIF	57814	876	1,080	1,072	9.000	FY05	FHIF	57814	3,5
Jul-06	Riley Communities, LLC	Fort Riley/KS	3,114	3,514	8.400 8.300 30.000 33.000 67.000 7.200	FY04 FY04 FY05 FY05 FY06 FY10	FHIF FHIF FHIF FHIF FHIF FHIF	60301 60320 60223 60531 62218 UNK	3,114	3,827	3,826	8.400 8.300 30.000 33.000 67.000 7.200	FY04 FY04 FY05 FY05 FY06 FY10	FHIF FHIF FHIF FHIF FHIF FHIF	60301 60320 60223 60531 62218 UNK	3,5
Oct-06	Redstone Communities, LLC	Redstone Arsenal/AL	462	230	0.590	FY05	FHIF	57810	462	230	353	0.590	FY05	FHIF	57810	3,5
Dec-06	Knox Hills, LLC	Fort Knox/KY	2,998	2,563	31.000 26.700 13.995	FY05 FY10 FY10	FHIF FHIF FHIF	58556 66654 72703	2,998	2,563	2,382	31.000 26.700 13.995	FY05 FY10 FY10	FHIF FHIF FHIF	58556 66654 72703	3,5
Aug-07	Sill Communities, LLC	Fort Sill/OK	1,411	1,728	26.680 30.500 20.320	FY07 FY08 FY10	FHIF FHIF FHIF	62443 66642 72707	1,411	1,728	1,808	26.680 30.500 20.320	FY07 FY08 FY10	FHIF FHIF FHIF	62443 66642 72707	3,5
Sep-07	Fort Lee Commonwealth Communities, LLC	Fort Lee/VA	1,206	1,493	13.464 19.305	FY06 FY06	FHIF FHIF	61730 62263	1,206	1,508	1,506	13.464 19.305	FY06 FY06	FHIF FHIF	61730 62263	3,5
Aug-08	Fort Jackson Housing, LLC	Fort Jackson/SC	1,162	850	15.000 43.900	FY05 FY08	FHIF FHIF	60215 66644	1,162	850	850	15.000 43.900	FY05 FY08	FHIF FHIF	60215 66644	3,5
Aug-08	West Point Housing, LLC	U.S. Military Academy at West Point/NY	961	824	22.000	FY07	FHIF	62504	961	824	821	22.000	FY07	FHIF	62504	3,5
Apr-09	Fort Huachuca - Yuma Proving Ground Communities, LLC	Fort Huachuca/AZ Yuma Proving Ground/AZ	1,570	1,169	0.000	N/A	N/A	N/A	1,570	1,270	1,270	0.000	N/A	N/A	N/A	3,5
Apr-09	North Haven Communities, LLC	Fort Wainwright/AK Fort Greely/AK	1,976	1,815	25.000 30.000 36.200 52.000 33.910	FY08 FY09 FY09 FY10 FY11	FHIF FHIF FHIF FHIF FHIF	66641 66646 66647 66643 75305	1,976	1,926	1,962	25.000 30.000 36.200 52.000 33.910	FY08 FY09 FY09 FY10 FY11	FHIF FHIF FHIF FHIF FHIF	66641 66646 66647 66643 75305	2,3,5
Dec-09	Aberdeen Proving Ground Communities, LLC	Aberdeen Proving Ground/MD	1,006	372	14.000	FY09	FHIF	75304	1,006	372	810	14.000	FY09	FHIF	75304	3,5
Apr-23	Small Installation - Miami Project	USAG Miami/FL Rock Island Arsenal/IL Soldier Systems Center Natick/MA Fort Buchanan/PR Fort Hunter Liggett/CA Fort McCoy/WI Tobyhanna Army Depot/PA	TBD	TBD	TBD	TBD	TBD	TBD	TBD	472	TBD	TBD	TBD	TBD	TBD	TBD
Grand Totals ¹⁴			81,116	84,655	198,340				81,116	85,755	86,528	198,340				

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)
FH-6 Exhibit (Continued)

NOTES:															
1 - The date the real property is transferred (land and family housing units) to the private owner/developer, and when Service members become entitled to receive Basic Allowance for Housing (BAH).															
2 - Provide the name of the MHPI Project given to the privatization project, including the name given to integrated/grouped projects. The MHPI project name should be consistent with the MHPI project name used in the previously approved OSD/OMB Scoring report and/or subsequent notification to Congress.															
3 - List the MHPI project location by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.															
4 - This section relates the previously-approved OSD/OMB project scope and funding amounts contained in the scoring package and/or subsequent Notification of Funds Transfer letters to Congress.															
5 - Provide the number of family housing units to be conveyed by installation and state to the Developer, including each installation and state incorporated into the integrated/grouped MHPI project, as previously-approved in the OSD/OMB Scoring report.															
6 - Provide the end state number of family housing units by installation and state to the Developer, including each installation/state incorporated into the integrated/grouped MHPI project, as previously-approved in the OSD/OMB Scoring report.															
7 - Provide all of the funding source information for the MHPI project as reflected in the previously-approved OSD/OMB report and consistent with the project summary details accompanying the Notification of Transfer letter to Congress, such as:															
a. The amount of funds to be used for the Government's cost of the project (i.e., equity contribution, credit subsidy costs, differential lease payments, etc.).															
b. The fiscal year(s) of the funding sources to be used to cover the Government's cost of the MHPI project.															
c. The type of funds to be used to cover the Government's cost of the MHPI project.															
d. The project(s) that are used to source the Government's cost of the privatization project. UNK = Unknown/not available															
8 - This section relates to the Military Departments' actual and/or current plan, which might or might not be consistent with the details contained in the previously-approved OSD/OMB Scoring report and project summary to Congress for the MHPI project due to extenuating circumstances.															
9 - Provide the actual and/or revised planned number of family housing units conveyed to the Developer by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.															
10 - Provide the actual and/or revised, planned number of family housing end state units by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.															
11 - Provide the total number of privatized family housing units in the inventory for each MHPI project by installation/state, including each installation/state incorporated into the integrated/grouped MHPI project, regardless if they are currently occupied or not.															
12 - Provide all the "actual and/or current" funding sources used to fund the MHPI project, which might or might not be consistent with the details contained in the previous-approved OSD/OMB Scoring report and project summary (i.e., project amount, budget year of funds, source project, appropriation) to Congress for the MHPI project due to extenuating circumstances. If possible and/or available, please provide the requested funding information by installation/state. UNK = Unknown/not available															
13 - Provide the applicable MHPI authorities in subchapter IV of Chapter 169 in title 10 U.S.C. was used and/or proposed to be used for the privatization project. Designators are as follows:															
1 = 10 USC 2873 - Government Direct Loans															
2 = 10 USC 2873 - Loan Guarantees															
3 = 10 USC 2875 - Investments, such as DoD Equity Contributions in non-governmental entities															
4 = 10 USC 2877 - Differential Lease Payments															
5 = 10 USC 2878 - Conveyance or Lease of Existing Property and Facilities															
14 - Totals of number of units conveyed, number of end state units, and funding amounts.															

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
UH-6 Exhibit

Privatization Date ¹	MHPI Project Name ²	Installation/State ³	Approved by OSD & OMB ⁴						Actual/Current Plan ⁸							MHPI Authorities ¹³
			No. Units Conveyed ⁵	No. End State Units ⁶	Funding Source(s) ⁷				No. Units Conveyed ⁹	No. End State Units ¹⁰	Total No. Units in Current Inventory ¹¹	Funding Source(s) ¹²				
					Amount (\$M) ^{7a}	Budget Year(s) ^{7b}	Type of Funds ^{7c}	Source Project Name ^{7d}				Amount (\$M) ¹²	Budget Year(s) ¹²	Type of Funds ¹²	Source Project Name ¹²	
Mar-04	Villages at Ft Irwin, California Military Communities	Fort Irwin/CA	0	200	\$0.00	N/A	N/A	N/A	0	200	200	\$0.00	N/A	N/A	N/A	4
Dec-07	Randolph Pointe, Bragg Communities, LLC	Fort Bragg/NC	0	312	\$0.00	N/A	N/A	N/A	0	432	432	\$0.00	N/A	N/A	N/A	4
Dec-07	Marne Point, Stewart Hunter Housing, LLC	Fort Stewart/GA	0	334	\$0.00	N/A	N/A	N/A	0	334	334	\$0.00	N/A	N/A	N/A	4
Jul-07	The Timbers, Fort Drum Mountain Community Homes, LLC	Fort Drum/NY	0	192	\$0.00	N/A	N/A	N/A	0	192	192	\$0.00	N/A	N/A	N/A	4
Dec-12	Reece Crossings, Meade Communities, LLC	Fort Meade/MD	0	432	\$0.00	N/A	N/A	N/A	0	432	434	\$0.00	N/A	N/A	N/A	4
Apr-23	Small Installation - Miami Project	USAG Miami/FL	TBD	TBD	TBD	TBD	TBD	TBD	0	120	TBD	TBD	TBD	TBD	TBD	TBD
Grand Totals ¹⁴			0	1,470	\$0.00				0	1,710	1,592	0.000				

NOTES:

- 1 - The date the real property is transferred (land and family housing units) to the private owner/developer, and when Service members become entitled to receive Basic Allowance for Housing (BAH).
- 2 - Provide the name of the MHPI Project given to the privatization project, including the name given to integrated/grouped projects. The MHPI project name should be consistent with the MHPI project name used in the previously approved OSD/OMB Scoring report and/or subsequent notification to Congress.
- 3 - List the MHPI project location by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- 4 - This section relates the previously-approved OSD/OMB project scope and funding amounts contained in the scoring package and/or subsequent Notification of Funds Transfer letters to Congress.
- 5 - Provide the number of unaccompanied housing units to be conveyed by installation and state to the Developer, including each installation and state incorporated into the integrated/grouped MHPI project, as previously-approved in the OSD/OMB Scoring report.
- 6 - Provide the end state number of unaccompanied housing units by installation and state to the Developer, including each installation/state incorporated into the integrated/grouped MHPI project, as previously-approved in the OSD/OMB Scoring report.
- 7 - Provide all of the funding source information for the MHPI project as reflected in the previously-approved OSD/OMB report and consistent with the project summary details accompanying the Notification of Transfer letter to Congress, such as:
 - a. The amount of funds to be used for the Government's cost of the project (i.e., equity contribution, credit subsidy costs, differential lease payments, etc.).
 - b. The fiscal year(s) of the funding sources to be used to cover the Government's cost of the MHPI project.
 - c. The type of funds to be used to cover the Government's cost of the MHPI project.
 - d. The project(s) that are used to source the Government's cost of the privatization project. UNK = Unknown/not available
- 8 - This section relates to the Military Departments' actual and/or current plan, which might or might not be consistent with the details contained in the previously-approved OSD/OMB Scoring report and project summary to Congress for the MHPI project due to extenuating circumstances.
- 9 - Provide the actual and/or revised planned number of unaccompanied housing units conveyed to the Developer by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- 10 - Provide the actual and/or revised, planned number of family housing end state units by installation and state, including each installation/state incorporated into the integrated/grouped MHPI project.
- 11 - Provide the total number of privatized unaccompanied housing units in the inventory for each MHPI project by installation/state, including each installation/state incorporated into the integrated/grouped MHPI project, regardless if they are currently occupied or not.
- 12 - Provide all the "actual and/or current" funding sources used to fund the MHPI project, which might or might not be consistent with the details contained in the previous-approved OSD/OMB Scoring report and project summary (i.e., project amount, budget year of funds, source project, appropriation) to Congress for the MHPI project due to extenuating circumstances. If possible and/or available, please provide the requested funding information by installation/state. UNK = Unknown/not available
- 13 - Provide the applicable MHPI authorities in subchapter IV of Chapter 169 in title 10 U.S.C. was used and/or proposed to be used for the privatization project. Designators are as follows:
 - 1 = 10 USC 2873 - Government Direct Loans
 - 2 = 10 USC 2873 - Loan Guarantees
 - 3 = 10 USC 2875 - Investments, such as DoD Equity Contributions in non-governmental entities
 - 4 = 10 USC 2877 - Differential Lease Payments
 - 5 = 10 USC 2878 - Conveyance or Lease of Existing Property and Facilities
- 14 - Totals of number of units conveyed, number of end state units, and funding amounts.

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing
REIMBURSABLE PROGRAM

(\$ in Thousands)	
FY 2024 Budget Request	\$10,000
FY 2023 Program Budget	\$10,000

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 2023 (Program Budget)	FY 2024 (Budget Request)
Non-Federal Sources	8,000	8,000
Federal Sources	2,000	2,000

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Army Family Housing

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***Department of the Army
Fiscal Year (FY) 2024
Budget Estimates
Submission***

Homeowners Assistance Fund, Defense

**JUSTIFICATION DATA SUBMITTED TO CONGRESS
March 2023**

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 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

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense

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DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
SUMMARY

	<u>(In Thousands)</u>
FY 2024 Program/Appropriation	\$1,417/ -0-
FY 2023 Program/Appropriation	\$1,376/ -0-

Program and Scope

This fund finances the Department of Defense Homeowners Assistance Program (HAP). The HAP is a benefit program available to assist eligible beneficiaries in three categories:

- (1) Military and civilian Federal employee homeowners when the real estate market is adversely affected directly related to the closure or reduction-in-scope of operations due to Base Realignment and Closure (BRAC).
- (2) Service members who are wounded, injured, or made ill as a consequence of duties during a forward deployment after September 11, 2001; and
- (3) The spouses of a member of the Armed Forces or a civilian employee of the Department of Defense or the United States Coast Guard who is killed in the line of duty or in the performance of his or her duties during a deployment on or after September 11, 2001, in support of the Armed Forces or died from a wound, injury, or illness incurred in the line of duty during such a deployment.

HAP provides some financial assistance to these homeowners when they are unable to sell their homes under reasonable terms and conditions. Although HAP provides for acquisition of dwellings under certain circumstances, since there is no governmental requirement for these residential properties and the government must resell any properties it acquires immediately, HAP is therefore not subject to the general procedures for acquiring and disposing of Army real property. Moreover, HAP is not a claims program. All determinations made by the Secretary of Defense are final and conclusive and, by statute, are not subject to judicial review. Therefore, every effort must be made to ensure that each applicant is treated fairly and receives the maximum benefits for which he/she may be eligible within available appropriations.

Per DoD Directive 4165.50E, the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD (AT&L)) has overall responsibility and, through the Office of the Assistant Secretary of Defense for Energy, Installations, and Environment provides oversight for this program. The Army, acting as the DoD Executive Agent for administering the HAP, uses the Headquarters, U. S. Army Corps of Engineers (HQUSACE) to implement the program.

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense

Program Summary

The FY 2024 budget requests authorization of appropriation in the amount of \$-0- to fund Homeowners Assistance Fund program expenses. The total program estimate for FY 2024 is \$1,417,937 and will be funded with revenue from sales of acquired properties (when available), 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 (HAF) 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 may be 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 FY 2024 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 FY 2024.

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 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, 2024 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.

March 2023

**DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense**

The chart below is a summary of the funding for FY2022, FY2023 and FY2024

PROGRAM FINANCIAL SUMMARY

	ACTUAL ESTIMATE	BUDGET REQUEST	Budget Estimate
HOMEOWNERS ASSISTANCE FUND, DEFENSE	FY 2022	FY 2023	FY 2024
PROGRAM RESOURCES			
New Appropriation/TOA Requested	0	0	0
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account/Permanently Reduced	0	0	0
Total Budget Authority Requested	0	0	0
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unobligated Balance Brought FWD	48,888,576	48,426,292	47,050,139
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property	0	0	0
Recovery of Prior Year Balances	0	0	0
TOTAL PROGRAM RESOURCES	48,888,576	48,426,292	47,050,139
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	0	150,000	155,000
Other Operating Cost	462,284	1,226,153	1,262,937
Acquisition of Real Property	0	0	0
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	462,284	1,376,153	1,417,937
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	48,426,292	47,050,139	45,632,202

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
Workload and Obligation Data
FY 2024

	Budget Actual - FY 2022			Budget Enactment - FY 2023			Budget Request - FY 2024		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	0	0	0	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	0	0	0	0	0	0	0	0	0
(2) 2nd Mortgage	0	0	0	0	0	0	0	0	0
(3) Other Liens	0	0	0	0	0	0	0	0	0
c. Total: Payments	0	0	0	0	0	0	0	0	0
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		0			0			0	
2. EXPENSE									
a. Payments - Private Sales	0	0	0	3	150	50,000	3	155	51,500
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	3	150	50,000	3	155	51,500
f. Appraisals	0	0	0	0	0	0	0	0	0
g. Administrative Expense		462			1,226			1,263	
h. Total Expense - Acquisition		462			1,376			1,418	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	0	0	0	0	0	0	0	0	0
b. Interest/Taxes/Insurance	0	0	0	0	0	0	0	0	0
c. Sales Expense	0	0	0	0	0	0	0	0	0
d. Maintenance & Operating Expense	0	0	0	0	0	0	0	0	0
e. Administrative Expense		0			0			0	
f. Total Expense Management & Disposal		0			0			0	
4. TOTAL EXPENSE		462			1,376			1,418	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		462			1,376			1,418	

EXHIBIT HA-1

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
Workload and Obligation Data
FY 2024

	BRAC PROGRAMS								
	Budget Actual - FY 2022			Budget Enactment - FY 2023			Budget Request - FY 2024		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	0	0	0	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	0	0	0	0	0	0	0	0	0
(2) 2nd Mortgage	0	0	0	0	0	0	0	0	0
(3) Other Liens	0	0	0	0	0	0	0	0	0
c. Total: Payments	0	0	0	0	0	0	0	0	0
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		0			0			0	
2. EXPENSE									
a. Payments - Private Sales	0	0	0	0	0	0	0	0	0
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	0	0	0
f. Appraisals	0	0	0	0	0	0	0	0	0
g. Administrative Expense		0			0			0	
h. Total Expense - Acquisition		0			0			0	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	0	0	0	0	0	0	0	0	0
b. Interest/Taxes/Insurance	0	0	0	0	0	0	0	0	0
c. Sales Expense	0	0	0	0	0	0	0	0	0
d. Maintenance & Operating Expense	0	0	0	0	0	0	0	0	0
e. Administrative Expense		0			0			0	
f. Total Expense Management & Disposal		0			0			0	
4. TOTAL EXPENSE		0			0			0	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		0			0			0	

EXHIBIT HA-1

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
Workload and Obligation Data
FY 2024

NON-BRAC PROGRAMS

	Budget Actual - FY 2021			Budget Enactment - FY 2022			Budget Request - FY 2023		
	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)	Units	Dollars (000)	AVG (\$)
1. INVESTMENT									
a. Equity Payments	0	0	0	0	0	0	0	0	0
b. Liquidation of Mortgages									
(1) 1st Mortgage	0	0	0	0	0	0	0	0	0
(2) 2nd Mortgage	0	0	0	0	0	0	0	0	0
(3) Other Liens	0	0	0	0	0	0	0	0	0
c. Total: Payments	0	0	0	0	0	0	0	0	0
d. Mortgages Assumed	0	0	0	0	0	0	0	0	0
e. Total Investment		0			0			0	
2. EXPENSE									
a. Payments - Private Sales	0	0	0	0	0	0	3	150	50,000
b. Payments - Real Property	0	0	0	0	0	0	0	0	0
c. Payments - Foreclosures	0	0	0	0	0	0	0	0	0
d. Payments - Reimbursements/Refunds	0	0	0	0	0	0	0	0	0
e. Subtotal - Payments to Homeowners	0	0	0	0	0	0	3	150	50,000
f. Appraisals	0	0	0	0	0	0	0	0	0
g. Administrative Expense		519			462			1,226	
h. Total Expense - Acquisition		519			462			1,376	
3. EXPENSE - MANAGEMENT & DISPOSAL									
a. Appraisals	0	0	0	0	0	0	0	0	0
b. Interest/Taxes/Insurance	0	0	0	0	0	0	0	0	0
c. Sales Expense	0	0	0	0	0	0	0	0	0
d. Maintenance & Operating Expense	0	0	0	0	0	0	0	0	0
e. Administrative Expense		0			0			0	
f. Total Expense Management & Disposal		0			0			0	
4. TOTAL EXPENSE		519			462			1,376	
5. TOTAL PROGRAM - INVESTMENT AND EXPENSE		519			462			1,376	

EXHIBIT HA-1

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
STATUS OF ACCOUNTS - PART I
FY 2022 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	48,889	0	48,889
(2) Appropriations	0	0	0
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	0	0	0
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	48,889	0	48,889
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	0	0	0
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	462	0	462
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	462	0	462
c. UNOBLIGATED BALANCE - END OF PERIOD			
	48,427	0	48,427

EXHIBIT HA-2

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
STATUS OF ACCOUNTS - PART II
FY 2022 Budget Actual

ITEM	TOTAL (\$000)	
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		0
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		0
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		0
e. ON HAND, END OF YEAR		0
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		0
4. RECAPITULATION FOR PROPERTIES SOLD*	Total	Avg (\$)
a. SALES PRICE	0	0
b. LESS:		
(1) Acquisition Price	0	0
(2) M&D Expense	0	0
c. NET GAIN OR (LOSS)	0	0

*Excludes Acquisition Administrative Expense

EXHIBIT HA-2

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
STATUS OF ACCOUNTS - PART I
FY 2023 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	48,426	0	48,426
(2) Appropriations	0	0	0
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	0	0	0
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	48,426	0	48,426
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	0	0	0
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	1,376	0	1,376
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	0	0	0
c. UNOBLIGATED BALANCE - END OF PERIOD			
	47,050	0	47,050

EXHIBIT HA-2

March 2023

**DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
STATUS OF ACCOUNTS - PART II
FY 2023 Budget Enactment**

ITEM	TOTAL (\$000)	
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		0
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		0
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		0
e. ON HAND, END OF YEAR		0
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		
		0
4. RECAPITULATION FOR PROPERTIES SOLD*		
	Total	Avg (\$)
a. SALES PRICE	0	0
b. LESS:		
(1) Acquisition Price	0	0
(2) M&D Expense	0	0
c. NET GAIN OR (LOSS)	0	0

*Excludes Acquisition Administrative Expense

EXHIBIT HA-2

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
STATUS OF ACCOUNTS - PART I
FY 2024 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	47,050	0	47,580
(2) Appropriations	0	0	0
(3) New Authorization to Spend Agency Debt Receipts	0	0	0
(4) Transfer To/From Other Account	0	0	0
(5) Revenue			
(a) Sales (Cash)	0	0	0
(b) Sales (Non-Cash)	0	0	0
(c) Other Revenue	0	0	0
(6) Less Retirement of Debt			
(a) Principal Payments on Mortgages	0	0	0
(b) Mortgage Transfers	0	0	0
(7) Recovery of Prior Year Obligations	0	0	0
(8) Total	47,050	0	47,580
b. APPLICATIONS			
(1) Payments on Acquisitions of Properties	0	0	0
(2) Value of Mortgages Payable Assumed	0	0	0
(3) Expenses	1,418	0	1,418
(4) Transfer of Miscellaneous Receipts	0	0	0
(5) Total	1,418	0	1,418
c. UNOBLIGATED BALANCE - END OF PERIOD			
	45,632	0	45,632

EXHIBIT HA-2

March 2023

**DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
STATUS OF ACCOUNTS - PART II
FY 2024 Budget Request**

ITEM	TOTAL (\$000)	
1. PROPERTY ACCOUNT		
a. ON HAND, START OF YEAR		0
b. PAYMENTS FOR EQUITY AND MORTGAGES ON ACQUISITION OF PROPERTIES		0
c. VALUE OF MORTGAGES PAYABLE ASSUMED		0
d. LESS ACQUISITIONS PRICE OF PROPERTIES SOLD		0
e. ON HAND, END OF YEAR		0
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		
		0
4. RECAPITULATION FOR PROPERTIES SOLD*		
	Total	Avg (\$)
a. SALES PRICE	0	0
b. LESS:		
(1) Acquisition Price	0	0
(2) M&D Expense	0	0
c. NET GAIN OR (LOSS)	0	0

*Excludes Acquisition Administrative Expense

EXHIBIT HA-2

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
WORK UNIT DATA
FY 2022 Budget Actual

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	1	0	0	1
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	0	0	0	0
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	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)	1	0	0	1
d. ON HAND - END OF PERIOD	0	0	0	0
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				0
b. ACQUIRED				0
c. DISPOSED OF				0
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				0
c. APPEALS PROCESSED:				
(1) Approved				0
(2) Disapproved				7
(3) Pending				12

EXHIBIT HA-3

March 2023

**DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
WORK UNIT DATA
FY 2023 Budget Enactment**

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	5	0	0	5
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	0	0	0	0
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	3	0	0	3
(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)	2	0	0	2
d. ON HAND - END OF PERIOD	0	0	0	0
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				0
b. ACQUIRED				0
c. DISPOSED OF				0
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				0
c. APPEALS PROCESSED:				
(1) Approved				0
(2) Disapproved				12
(3) Pending				0
EXHIBIT HA-3				

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
WORK UNIT DATA
FY 2024 Budget Request

ITEM	MILITARY	CIVILIAN	NAF	TOTAL
1. APPLICATIONS FOR ASSISTANCE				
a. ON HAND - START OF YEAR	0	0	0	0
b. RECEIVED	5	0	0	5
c. LESS ACTIONS COMPLETED:				
(1) Homes Acquired - for outstanding mortgages balance	0	0	0	0
(2) Homes Acquired - at 75%	0	0	0	0
(3) Homes Acquired - no mortgage	0	0	0	0
(4) Reimbursement for losses on private sales	4	0	0	4
(5) Reimbursement for losses on real property	0	0	0	0
(6) Payments in foreclosure cases	0	0	0	0
(7) Settlements - no payment due	0	0	0	0
(8) Other (Not Eligible or Application Withdrawn)	3	0	0	3
d. ON HAND - END OF PERIOD	0	0	0	0
2. ACQUIRED HOMES				
a. ON HAND - START OF YEAR				0
b. ACQUIRED				0
c. DISPOSED OF				0
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				0
c. APPEALS PROCESSED:				
(1) Approved				0
(2) Disapproved				1
(3) Pending				0

EXHIBIT HA-3

March 2023

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2024 Budget Estimates
Homeowners Assistance Fund, Defense
PROGRAM AND FINANCING
FY 2024

	Actual FY 2022		Budget Enactment FY 2023		Budget Request FY 2024	
	Units	Obligations (000)	Units	Obligations (000)	Units	Obligations (000)
PAYMENTS TO HOMEOWNERS	0	0	3	150	3	155
OTHER OPERATING COSTS	0	462	0	1,226	0	1,263
ACQUISITION OF PROPERTIES	0	0	0	0	0	0
MORTGAGES ASSUMED	0	0	0	0	0	0
TOTAL PROGRAM		462		1,376		1,418
AVAILABLE FROM PRIOR YEAR		48,889		48,427		47,051
UNOBLIGATED BALANCES TRANSFERRED - OUT		0		0		0
ESTIMATED EARNED REVENUE		0		0		0
RETIREMENT OF DEBT		0		0		0
RECOVERY OF PRIOR YEAR OBLIGATIONS		0		0		0
AVAILABLE FOR OTHER YEARS		48,427		47,051		45,633
BUDGET AUTHORITY		0		0		0
AUTHORIZATION TO SPEND AGENCY DEBT RECEIPTS		0		0		0
APPROPRIATION		0		0		0
TRANSFER TO/FROM OTHER ACCOUNT	0	0	0	0	0	0
APPROPRIATION ADJUSTED	0	0	0	0	0	0

EXHIBIT HA-4