

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2016
BUDGET SUBMISSION
February 2015



MILITARY CONSTRUCTION, ARMY RESERVE

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The estimated cost of this report for the Department of Defense is approximately \$40,500 for Fiscal Year 2016. This includes \$200 in expenses and \$40,300 in DoD labor.

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2016
MILITARY CONSTRUCTION, ARMY RESERVE
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION/CITY (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
California	86882	Miramar Marine Corps Air Station (MCAS) Army Reserve Center	24,000	24,000	C	1
		Subtotal Miramar MCAS	\$ 24,000	24,000		
		* TOTAL MCAR FOR California	\$ 24,000	24,000		
Florida	85813	MacDill Air Force Base Army Reserve Center/ Aviation Support Facility	55,000	55,000	C	6
		Subtotal MacDill Air Force Base	\$ 55,000	55,000		
		* TOTAL MCAR FOR Florida	\$ 55,000	55,000		
Mississippi	77163	Starkville (USAR) Army Reserve Center	0	9,300	C	11
		Subtotal Starkville	\$ 0	9,300		
		* TOTAL MCAR FOR Mississippi	\$ 0	9,300		
New York	86814	Orangeburg (USAR) Organizational Maintenance Shop	4,200	4,200	C	16
		Subtotal Orangeburg	\$ 4,200	4,200		
		* TOTAL MCAR FOR New York	\$ 4,200	4,200		
Pennsylvania	67701	Conneaut Lake (USAR) Defense Access Road (DAR) Highway Improvement	5,000	5,000	C	21
		Subtotal Conneaut Lake	\$ 5,000	5,000		
		* TOTAL MCAR FOR Pennsylvania	\$ 5,000	5,000		
		** TOTAL INSIDE THE UNITED STATES FOR MCAR	\$ 88,200	97,500		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2016
 MILITARY CONSTRUCTION, ARMY RESERVE
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	NEW/ APPROPRIATION CURRENT	PAGE
----- PROJECT	-----	REQUEST	REQUEST MISSION	-----
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Unspecified	Minor Construction (MINEXG)			25
77797	Unspecified Minor Construction	0	6,777	25
		-----	-----	
	Subtotal Minor Construction	\$ 0	6,777	
	Planning and Design (PLANDES)			26
77796	Planning and Design	0	9,318	26
		-----	-----	
	Subtotal Planning and Design	\$ 0	9,318	
	* TOTAL MCAR FOR Worldwide Unspecified	\$ 0	16,095	
	** TOTAL WORLDWIDE FOR MCAR	\$ 0	16,095	
	MILITARY CONSTRUCTION, ARMY RESERVE TOTAL	\$ 88,200	113,595	
	Total Cost of New Mission Projects	(0)	\$ 0	
	Total Cost of Current Mission projects	(5)	\$ 97,500	
	Total Cost of other line items	(2)	\$ 16,095	
	Total Cost of FY 2016 MCAR Projects	(7)	\$ 113,595	

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Military Construction, Army Reserve Outyear Project Data
PresBud 1.1 Military Construction AR Outyear

Printed on 30-Dec-2014 at 4:12:15

Component	FY	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Ex FP Percent	FY 16 Budgeted Amount (\$000)	Change From Previous Submission (\$000)
USAR	2016	2086	Miramar MCAS	CA	Army Reserve Center	171	0532292A	Y	Y	100	24,000	24,000
USAR	2016	2086	Riverside	CA	Army Reserve Center	171	0532292A	Y	Y	100	0	(25,000)
USAR	2016	2086	MacDill AFB	FL	AR Center/ AS Facility	211	0532292A	Y	N	100	55,000	21,983
USAR	2016	2086	Arlington Heights	IL	Army Reserve Center	171	0532292A	Y	Y	100	0	(26,000)
USAR	2016	2086	Starkville	MS	Army Reserve Center	171	0532292A	Y	Y	100	9,300	0
USAR	2016	2086	Orangeburg	NY	Organizational Maintenance Shop	214	0532292A	Y	Y	100	4,200	4,200
USAR	2016	2086	Conneaut Lake	PA	DAR Highway Improvement	851	0532292A	Y	Y	100	5,000	5,000
USAR	2016	2086	WW Various Minor	WW	Unspecified Minor Construction	962	0532292A	O	O		6,777	4,882
USAR	2016	2086	WW Various P&D	WW	Planning and Design	961	0532292A	O	O		9,318	2,977
FY16 Total											113,595	12,042
USAR	2017	2086	Phoenix	AZ	Army Reserve Center/Storage/OMS/Land	171	0532292A	Y	Y	100	27,000	0
USAR	2017	2086	Barstow	CA	Army Reserve Center/Storage/OMS/Land	171	0532292A	Y	Y	100	12,600	0
USAR	2017	2086	Marina	CA	AR Center Training Building	171	0532292A	Y	Y	100	8,800	8,800
USAR	2017	2086	Asheville	NC	Army Reserve Center/OMS/UHS/Land	171	0532292A	Y	Y	100	0	(13,000)
USAR	2017	2086	Fort Totten	NY	Add/Alt Army Reserve Center	171	0532292A	Y	Y	100	36,000	0
USAR	2017	2086	WW Various Minor	WW	Unspecified Minor Construction	962	0532292A	O	O		123	(1,280)
USAR	2017	2086	WW Various P&D	WW	Planning and Design	961	0532292A	O	O		7,479	1,486
FY17 Total											92,002	(3,994)
USAR	2018	2086	Saipan		Army Reserve Center/BMA/Storage	171	0532292A	Y	Y	100	20,000	0
USAR	2018	2086	Bakersfield	CA	Army Reserve Center	171	0532292A	Y	Y	100	20,000	0
USAR	2018	2086	Ft Hunter Liggett	CA	Emergency Services Center	730	0532292A	Y	N	100	0	(16,600)
USAR	2018	2086	Asheville	NC	Army Reserve Center/OMS/UHS/Land	171	0532292A	Y	Y	100	13,000	13,000
USAR	2018	2086	Ellington Field	TX	Battle Command Trng Ctr Upgrade	172	0532292A	Y	Y	100	4,700	0
USAR	2018	2086	Fort McCoy	WI	Dining Facility - Transient Training	722	0532292A	N	Y	100	11,000	11,000
USAR	2018	2086	WW Various Minor	WW	Unspecified Minor Construction	962	0532292A	O	O		709	(660)
USAR	2018	2086	WW Various P&D	WW	Planning and Design	961	0532292A	O	O		4,887	(9,235)
FY18 Total											74,296	(2,495)
USAR	2019	2086	Ft Hunter Liggett	CA	Emergency Services Center	730	0532292A	Y	N	100	16,600	16,600
USAR	2019	2086	Marina	CA	AR Center Training Building	171	0532292A	Y	Y	100	0	(8,800)
USAR	2019	2086	Fort Gordon	GA	TASS Training Center (TTC)	171	0532292A	Y	Y	100	10,286	10,286
USAR	2019	2086	Ft Hood	TX	AR Center/RTS-Maintenance	171	0532292A	Y	Y	100	0	(19,000)
USAR	2019	2086	Fort McCoy	WI	AT/MOB Dining Facility-2600 PN	722	0532292A	Y	Y	100	22,500	0
USAR	2019	2086	Fort McCoy	WI	ACP West - Gate 113	141	0532292A	Y	Y	100	0	(8,800)
USAR	2019	2086	Fort McCoy	WI	Dining Facility - Transient Training	722	0532292A	N	Y	100	0	(11,000)
USAR	2019	2086	Ft Buchanan	PR	Access Control Point	141	0532292A	Y	O	100	10,200	10,200
USAR	2019	2086	WW Various Minor	WW	Unspecified Minor Construction	962	0532292A	O	O	100	1,213	1,213
USAR	2019	2086	WW Various P&D	WW	Planning and Design	961	0532292A	O	O		5,214	500
FY19 Total											66,013	(8,801)
USAR	2020	2086	Ft Hood	TX	AR Center/RTS-Maintenance	171	0532292A	Y	Y	100	17,305	17,305
USAR	2020	2086	Fort A P Hill	VA	ECS AMSA and Warehouse	214	0532292A	Y	Y		24,300	24,300
USAR	2020	2086	Fort McCoy	WI	ACP West - Gate 113	141	0532292A	Y	Y	100	8,800	8,800
USAR	2020	2086	WW Various Minor	WW	Unspecified Minor Construction	962	0532292A	O	O	100	4,449	4,449
USAR	2020	2086	WW Various P&D	WW	Planning and Design	961	0532292A	O	O	100	7,102	7,102
FY20 Total											61,956	61,956
Grand Total											407,862	58,708

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MILITARY CONSTRUCTION, ARMY RESERVE
FY 2016 BUDGET SUMMARY

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

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY RESERVE APPROPRIATIONS (\$)</u>
2016	113,595,000
2015	172,683,000
2014	156,560,000

1. Major Construction. The MCAR major construction program is one of the most visible means of improving Army Reserve facility working conditions. This program provides funding for military construction projects in the United States and Territories as authorized in the Military Construction Acts and in this year's request for Authorization and Appropriations. This request funds the Army Reserve's most critical facilities needs within the context of the Army's facility strategy.

2. Minor Construction. Provision is made for construction of unspecified projects that have not been individually authorized by law, but are determined to be urgent requirements that do not exceed the \$3.0 million threshold established in 10 USC 2805. Projects may be awarded up to \$4.0 million if there is a threat to life, health, or safety that cannot be mitigated with OMAR funds, and deferral of the construction project until next Military Construction Authorization Act poses an unacceptable and imminent risk to military personnel.

3. Planning & Design. This provides for necessary planning of military construction projects including design, surveys, studies, and other related activities. In general, design funds requested in fiscal year 2016 will be used to design projects in the Army Reserve Fiscal Years 2017 and 2018 programs. All projects will be planned, programmed, budgeted, designed, built, and reported to meet the requirements of UFC 1-200-02 High Performance and Sustainable Building Requirements, 1 March 2013 with the additional requirements stipulated in the Assistant Secretary of the Army (Installations, Energy, and the Environment) Sustainable Design and Development Policy Update Memo dated 16 December 2013.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2016 BUDGET ESTIMATE

APPROPRIATION LANGUAGE

For acquisition, construction, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army Reserve as authorized by Chapter 1803 of Title 10, United States Code and Military Construction Authorization Act, \$113,595,000 to remain available until September 30, 2020.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2016 BUDGET ESTIMATE

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

Military construction projects proposed in this program will be designed to meet environmental standards. Projects proposed primarily for abatement of existing pollution problems have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria. This submission contains no projects specific to pollution abatement.

Energy Conservation

Military construction projects specifically for energy conservation have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Any project proposed primarily for energy conservation includes improvements to existing facilities and utilities systems to upgrade design, eliminate waste, and install energy savings devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow for the proper management of flood plains and the protection of wetlands by avoiding long and short term adverse degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provision for physically handicapped personnel will be provided for, where appropriate in the design of facilities included in this program.

Environmental Protection

In accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

SPECIAL PROGRAM CONSIDERATIONS

(Continued)

Reserve Potential/Placement of Reserve Component Units in Local Communities

The Reserve potential to meet and maintain authorized strengths of all Reserve flying/nonflying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having Reserve flying/nonflying units in these areas, that the number of units of the Reserve Components of the Armed forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those Reserve units.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historical Places, except as noted on DD Form 1391.

Use of Excess Schools and Other Buildings

Considerations were made to utilize available commercial or academic buildings but none were suitable except as identified by specific projects in this request.

Congressionally Directed Projects

No projects were directed by any congressional committee for inclusion in the FY 2016 budget.

Other Congressional – Planning and Design

No considerations are made for directed planning and design projects in the FY 2016 budget.

Requirement for Project Extension of Authority

<u>State</u>	<u>City/Installation</u>	<u>Project Description</u>	<u>Project Number</u>	<u>PA (\$000)</u>
KS	Kansas City	Army Reserve Center/Land	67681	13,000
MA	Attleboro	Army Reserve Center/Land	67709	22,000
CA	Tustin	Army Reserve Center	67652	27,000
MD	Aberdeen Proving Ground	Army Reserve Center	67705	21,000

Army Reserve Center/Land, Kansas City, Kansas, Project Number (PN) 67681 was authorized and appropriated in FY 2012. The FY 2015 National Defense Authorization Act (NDAA) authorized a site change to 'in the vicinity of Kansas City, Kansas' because Section 2611(a)(1) provided for the location change. The scope and Programmed Amount (PA) will remain the same. Request an extension of authorization until September 30, 2016. The project can be awarded at full scope upon approval by Congress.

Army Reserve Center/Land, Attleboro, Massachusetts, PN 67709 was authorized and appropriated in FY 2012. The FY 2015 NDAA authorized a site change to 'in the vicinity of Attleboro, Massachusetts' because Section 2611(b)(1) provided for the location change. The scope and PA will remain the same. Request an extension of authorization until September 30, 2016. The project can be awarded at full scope upon approval by Congress.

Army Reserve Center, Tustin, California, PN 67652 was authorized and appropriated in FY 2013. The proposed location was Tustin, California. The FY 2015 NDAA authorized a site change to 'in the vicinity of Tustin, California'. The scope and PA will remain the same. Request an extension until FY 2017. The project can be awarded at full scope upon approval by Congress.

Army Reserve Center, Aberdeen Proving Ground, Maryland, PN 67705 was authorized and appropriated in FY 2013. The proposed location was Aberdeen Proving Ground, Maryland. Due to unforeseen difficulties in acquiring land, request an extension of authorization. The scope and PA will remain the same. Request an extension until FY 2017. The project can be awarded at full scope upon approval by Congress.

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1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Miramar Marine Corps Air Station California		4. AREA CONSTRUCTION COST INDEX 1.14
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAFR San Diego, CA 2.00 miles Base ANG San Diego, CA 5.00 miles Base ARNG San Diego, CA 6.00 miles Center		
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY	COST	<u>DESIGN STATUS</u>
<u>CODE</u> <u>PROJECT TITLE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
17140 Army Reserve Center	6,027 m2 (64,873 SF)	24,000 APR 2011 JUN 2015
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		
		<u>25 MAR 2014</u> (Date)
9. LAND ACQUISITION REQUIRED NONE		
		<u>0</u> (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY	SCOPE	COST
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>
NONE		
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM) : 0		
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.		
11. PERSONNEL STRENGTH AS OF 30 DEC 2014		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	31 4 17 10	422 34 388
ACTUAL	15 2 9 4	405 35 370

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015																																						
3. INSTALLATION AND LOCATION Miramar Marine Corps Air Station California		4. AREA CONSTRUCTION COST INDEX 1.14																																						
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 96% <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;"><u>UNIT DESIGNATION</u></th> <th colspan="2" style="text-align: center;"><u>STRENGTH</u></th> </tr> <tr> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr><td>315 HQ EN BN</td><td style="text-align: right;">76</td><td style="text-align: right;">109</td></tr> <tr><td>315 HQ EN BN</td><td style="text-align: right;">78</td><td style="text-align: right;">104</td></tr> <tr><td>1017 QM (SPT OPS)</td><td style="text-align: right;">7</td><td style="text-align: right;">6</td></tr> <tr><td>1017 QM PLT 1 (POL SPT)</td><td style="text-align: right;">51</td><td style="text-align: right;">29</td></tr> <tr><td>1017 QM PLT 2 (POL SPT)</td><td style="text-align: right;">51</td><td style="text-align: right;">25</td></tr> <tr><td>1017 QM (ASSAULT HOSE)</td><td style="text-align: right;">53</td><td style="text-align: right;">20</td></tr> <tr><td>1017 QM PLT 3 (POL SPT)</td><td style="text-align: right;">45</td><td style="text-align: right;">47</td></tr> <tr><td>1017 QM PLT 4 (POL SPT)</td><td style="text-align: right;">15</td><td style="text-align: right;">11</td></tr> <tr><td>1017 QM (DET)</td><td style="text-align: right;">15</td><td style="text-align: right;">16</td></tr> <tr><td>450 EN PL</td><td style="text-align: right; border-top: 1px solid black;">31</td><td style="text-align: right; border-top: 1px solid black;">38</td></tr> <tr><td>Totals</td><td style="text-align: right; border-top: 1px solid black;">422</td><td style="text-align: right; border-top: 1px solid black;">405</td></tr> </tbody> </table>			<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>	315 HQ EN BN	76	109	315 HQ EN BN	78	104	1017 QM (SPT OPS)	7	6	1017 QM PLT 1 (POL SPT)	51	29	1017 QM PLT 2 (POL SPT)	51	25	1017 QM (ASSAULT HOSE)	53	20	1017 QM PLT 3 (POL SPT)	45	47	1017 QM PLT 4 (POL SPT)	15	11	1017 QM (DET)	15	16	450 EN PL	31	38	Totals	422	405
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13. MAJOR EQUIPMENT AND AIRCRAFT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>TYPE</u></th> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr><td>WHEELED</td><td style="text-align: right;">148</td><td style="text-align: right;">93</td></tr> <tr><td>TRAILERS</td><td style="text-align: right;">127</td><td style="text-align: right;">81</td></tr> <tr><td>TRACKED</td><td style="text-align: right; border-top: 1px solid black;">6</td><td style="text-align: right; border-top: 1px solid black;">5</td></tr> <tr><td>TOTALS</td><td style="text-align: right; border-top: 1px solid black;">281</td><td style="text-align: right; border-top: 1px solid black;">179</td></tr> </tbody> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	148	93	TRAILERS	127	81	TRACKED	6	5	TOTALS	281	179																							
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WHEELED	148	93																																						
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TOTALS	281	179																																						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0 C. OCCUPATIONAL SAFETY AND HEALTH 0																																								

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Miramar Marine Corps Air Station California				4. PROJECT TITLE Army Reserve Center		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 16-86882		8. PROJECT COST (\$000) Auth 24,000 Approp 24,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						15,722
17140 Training Building		m2 (SF)	4,790 (51,560)		2,560	(12,263)
21409 Organizational Maintenance Shop		m2 (SF)	912.21 (9,819)		3,051	(2,783)
44220 Unheated Storage Building		m2 (SF)	324.60 (3,494)		1,155	(375)
Sustainability/Energy Measures		LS	--		--	(301)
<u>SUPPORTING FACILITIES</u>						5,903
Electric Service		LS	--		--	(544)
Water, Sewer, Gas		LS	--		--	(558)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,182)
Storm Drainage		LS	--		--	(136)
Site Imp(3,312) Demo()		LS	--		--	(3,312)
Information Systems		LS	--		--	(129)
Antiterrorism Measures		LS	--		--	(42)
ESTIMATED CONTRACT COST						21,625
CONTINGENCY (5.00%)						1,081
SUBTOTAL						22,706
SUPV, INSP & OVERHEAD (5.70%)						1,294
TOTAL REQUEST						24,000
TOTAL REQUEST (ROUNDED)						24,000
TOTAL RELATED FURNITURE & EQUIP						(2,127)
10. Description of Proposed Construction Construct a 400-member Army Reserve Center (ARC). Primary facilities include construction of an ARC Training Building, Organizational Maintenance Shop (OMS), and Unheated Storage Building. Buildings will be of permanent construction with reinforced concrete foundations; concrete floor slabs; reinforced concrete or masonry walls; low-slope or sloped roof; Heating, Ventilation and Air Conditioning (HVAC); and plumbing, mechanical, security and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements and utility connections. Accessibility for the disabled will be provided. Antiterrorism/Force Protection (AT/FP) and physical security measures will be incorporated into the design including maximum standoff distances from roads, parking areas and vehicle unloading areas. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 50 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 605 kW/172 Tons).						
11. REQ: 6,027 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: Construct a 400-member ARC Training Building, OMS, and Unheated Storage Building. (Current Mission)						
REQUIREMENT: To be located on Miramar Marine Corps Air Station (MCAS), this project will provide eleven acres of existing government land and a 400-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for ten Army Reserve units. The maintenance shop						

1. COMPONENT	FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
AR				02 FEB 2015
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
Miramar Marine Corps Air Station California			Army Reserve Center	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
0532292A	17140	CAR 16-86882	Auth	24,000
			Approp	24,000
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>will provide work bays and maintenance administrative support. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles.</p> <p><u>CURRENT SITUATION:</u> The Army Reserve activated new units in September 2012 that are occupying existing facilities in the area which do not have capacity to house the unit personnel and equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the units will be forced to operate and train in facilities not properly configured to allow the most effective training to complete mission requirements. This will continue to have a negative impact on unit training and retention objectives.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project 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			APR 2011	
(b) Percent Complete as of January 2015.....			90	
(c) Date 35% Designed.....			JUL 2012	
(d) Date Design Complete.....			JUN 2015	
(e) Parametric Cost Estimating Used to Develop Costs..			YES	
(f) Type of Design Contract: Design-bid-build				
(2) Basis:				
(a) Standard or Definitive Design: NO				
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):				(\$000)
(a) Production of Plans and Specifications.....			1,440	
(b) All Other Design Costs.....			543	
(c) Total Design Cost.....			1,983	
(d) Contract.....			1,586	
(e) In-house.....			397	

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Miramar Marine Corps Air Station California	4. PROJECT TITLE Army Reserve Center
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 16-86882	8. PROJECT COST (\$000) Auth 24,000 Approp 24,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(4) Construction Contract Award.....	MAR 2016
(5) Construction Start.....	APR 2016
(6) Construction Completion.....	APR 2018

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>
Collateral Equipment	OMAR	2017	926
Furniture	OMAR	2017	859
IDS	OPA	2017	15
Info Sys - ISC	OPA	2017	327
		Total	2,127

Point of Contact: Army Reserve Project Officer, (703) 806-6780

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015																															
3. INSTALLATION AND LOCATION MacDill Air Force Base Florida		4. AREA CONSTRUCTION COST INDEX .94																															
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 1 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS NONE																																	
7. PROJECTS REQUESTED IN THIS PROGRAM																																	
<table border="0"> <thead> <tr> <th colspan="2">CATEGORY</th> <th>COST</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th>PROJECT TITLE</th> <th>(\$000)</th> <th>START</th> <th>CMPLE</th> </tr> </thead> <tbody> <tr> <td>21110</td> <td>Army Reserve Center/ Aviation Support Facility</td> <td>12,179 m2 (131,099 SF)</td> <td>55,000</td> <td>JUN 2014 OCT 2015</td> </tr> </tbody> </table>			CATEGORY		COST	DESIGN STATUS		CODE	PROJECT TITLE	(\$000)	START	CMPLE	21110	Army Reserve Center/ Aviation Support Facility	12,179 m2 (131,099 SF)	55,000	JUN 2014 OCT 2015																
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	PERMANENT				GUARD/RESERVE																												
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED																										
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1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION MacDill Air Force Base Florida		4. AREA CONSTRUCTION COST INDEX .94						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION MacDill Air Force Base Florida				4. PROJECT TITLE AR Center/ Aviation Support Facility		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 21110	7. PROJECT NUMBER CAR 16-85813		8. PROJECT COST (\$000) Auth 55,000 Approp 55,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						31,169
21110 Aviation Support Facility		m2 (SF)	6,751 (72,662)		2,867	(19,351)
17140 Training Building		m2 (SF)	3,418 (36,792)		2,391	(8,172)
21409 Organizational Maintenance Shop		m2 (SF)	604.33 (6,505)		2,626	(1,587)
44220 Unheated Storage Building		m2 (SF)	1,407 (15,140)		1,050	(1,476)
Sustainability/Energy Measures		LS	--		--	(583)
<u>SUPPORTING FACILITIES</u>						18,387
Electric Service		LS	--		--	(936)
Water, Sewer, Gas		LS	--		--	(1,249)
Paving, Walks, Curbs And Gutters		LS	--		--	(11,738)
Storm Drainage		LS	--		--	(312)
Site Imp(3,566) Demo()		LS	--		--	(3,566)
Information Systems		LS	--		--	(296)
Antiterrorism Measures		LS	--		--	(220)
Bi-Level Loading Ramp		LS	--		--	(70)
ESTIMATED CONTRACT COST						49,556
CONTINGENCY (5.00%)						2,478
SUBTOTAL						52,034
SUPV, INSP & OVERHEAD (5.70%)						2,966
TOTAL REQUEST						55,000
TOTAL REQUEST (ROUNDED)						55,000
TOTAL RELATED FURNITURE & EQUIP						(6,821)
10. Description of Proposed Construction Construct a 200-member Army Reserve Center (ARC) and Aviation Support Facility (ASF). Primary facilities include construction of an ARC Training Building, Aviation Support Facility (ASF), Organizational Maintenance Shop (OMS), and Unheated Storage Building. Buildings will be of permanent construction with reinforced concrete foundations; concrete floor slabs; reinforced concrete or masonry walls; low-slope or sloped roof; Heating, Ventilation and Air Conditioning (HVAC); and plumbing, mechanical, security and electrical systems. Supporting facilities include land clearing, paving, two-tiered loading ramp, fencing, general site improvements and utility connections. Accessibility for the disabled will be provided. Antiterrorism/Force Protection (AT/FP) and physical security measures will be incorporated into the design including maximum standoff distances from roads, parking areas and vehicle unloading areas. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Terminate leased hangar (1 building) at Clearwater, FL (Total 3,346 m2/36,013 SF). Air Conditioning (Estimated 433 kW/123 Tons).						
11. REQ: 12,179 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: Construct an ARC Training Building, ASF, OMS, Unheated Storage Building and two-tiered loading ramp. (Current Mission)						
REQUIREMENT: This facility will provide integrated training facilities for a 200-member Army Reserve unit, allowing training as a collective entity, and to develop teamwork and						

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION MacDill Air Force Base Florida	4. PROJECT TITLE AR Center/ Aviation Support Facility
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 21110	7. PROJECT NUMBER CAR 16-85813	8. PROJECT COST (\$000) Auth 55,000 Approp 55,000
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REQUIREMENT: (CONTINUED)
unit cohesion mandated by current U.S. Army Reserve Command tiered readiness standards. This project will provide facilities to support the new mission of a MEDEVAC Helicopter unit at MacDill Air Force Base. Terminate existing leased hangar at Clearwater upon construction completion.

CURRENT SITUATION: The Clearwater ARC/ASF is located at the Clearwater/ St Petersburg International Airport. The Clearwater ARC/ASF was designed/constructed to support one company of 35 personnel with 8 UH-60 Blackhawk helicopters; the addition of 15 HH-60 Blackhawks to the site makes it extremely difficult to train and maintain helicopters on the existing site. There is not sufficient space in the existing center to accommodate the stationing of one new MEDEVAC company of 109 personnel and 15 HH-60 Blackhawk helicopters. No other facility to support these aviation operations is available in the Clearwater area. The Army Corps of Engineers conducted an extensive search for other suitable sites and none were available. Helicopter delivery schedules have already been published. The existing leased hangar at Clearwater will be terminated upon project completion.

IMPACT IF NOT PROVIDED: Assignment of USAR aviation assets in support of the MEDEVAC mission at MacDill Air Force Base will not be possible. No other facility to support these aviation operations is available. Co-location of this new facility with existing facilities at MacDill Air Force Base is critical. Construction is critical to provide space for helicopter berthing because helicopter delivery has already been scheduled.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project 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	JUN 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	OCT 2015
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION MacDill Air Force Base Florida	4. PROJECT TITLE AR Center/ Aviation Support Facility
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 21110	7. PROJECT NUMBER CAR 16-85813	8. PROJECT COST (\$000) Auth 55,000 Approp 55,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	3,300
(b) All Other Design Costs.....	<u>1,656</u>
(c) Total Design Cost.....	<u>4,956</u>
(d) Contract.....	<u>3,965</u>
(e) In-house.....	<u>991</u>

(4) Construction Contract Award..... MAR 2016

(5) Construction Start..... APR 2016

(6) Construction Completion..... APR 2018

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	OMAR	2017	3,477
Collateral Equipment	OMAR	2017	2,680
Security Fence	OMAR	2017	300
IDS	OPA	2017	15
Info Sys - ISC	OPA	2017	349
		Total	<u>6,821</u>

Point of Contact: Army Reserve Project Officer, (703) 806-6731

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 02 FEB 2015				
3. INSTALLATION AND LOCATION Starkville Mississippi		4. AREA CONSTRUCTION COST INDEX .84					
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG Starkville, MS 1.00 miles Center ARNG Ackerman, MS 23.00 miles Center ARNG Europa, MS 25.00 miles Center							
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST	DESIGN STATUS				
CODE	PROJECT TITLE	SCOPE	START Cmpl				
17140	Army Reserve Center	3,009 m2 (32,393 SF)	9,300 JUN 2014 OCT 2015				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.							
			18 JUN 2014 (Date)				
9. LAND ACQUISITION REQUIRED NONE							
			0 (Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
CODE	PROJECT TITLE		(\$000)				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 30 DEC 2014							
	PERMANENT			GUARD/RESERVE			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	4	0	2	2	107	11	96
ACTUAL	6	0	3	3	123	8	115
12. RESERVE UNIT DATA AUTHORIZED							
Assigned/Authorized: 115%						STRENGTH	
UNIT DESIGNATION	AUTHORIZED						ACTUAL
658 QM CO PLT 2 (AREA SPT)	29						32
658 QM CO PLT 3 (AREA SPT)	29						32
81 RSC RETENTION CELL	1						1
461 PERS CO (HR) PLT 7	20						26
323 REGT 4 BN DET 3 (CO D)	18						19
814 PERS DET (PERS ACCT)	10						13
Totals	107						123

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Starkville Mississippi		4. AREA CONSTRUCTION COST INDEX .84
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	45	28
TRAILERS	90	57
TOTALS	135	85
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Starkville Mississippi				4. PROJECT TITLE Army Reserve Center		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 16-77163		8. PROJECT COST (\$000) Auth Approp 9,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						6,394
17140 Training Building		m2 (SF)	2,309 (24,858)		2,048	(4,729)
21409 Organizational Maintenance Shop		m2 (SF)	629.32 (6,774)		2,335	(1,469)
44220 Unheated Storage Building		m2 (SF)	70.70 (761)		1,013	(72)
Sustainability/Energy Measures		LS	--		--	(124)
<u>SUPPORTING FACILITIES</u>						1,681
Electric Service		LS	--		--	(103)
Water, Sewer, Gas		LS	--		--	(137)
Paving, Walks, Curbs And Gutters		LS	--		--	(809)
Storm Drainage		LS	--		--	(34)
Site Imp(420) Demo()		LS	--		--	(420)
Information Systems		LS	--		--	(88)
Antiterrorism Measures		LS	--		--	(20)
WASH PLATFORM/RACK - for Army Reserve		LS	--		--	(70)
ESTIMATED CONTRACT COST						8,075
CONTINGENCY (5.00%)						404
SUBTOTAL						8,479
SUPV, INSP & OVERHEAD (5.70%)						483
DESIGN/BUILD-DESIGN COST (4.00%)						339
TOTAL REQUEST						9,301
TOTAL REQUEST (ROUNDED)						9,300
TOTAL RELATED FURNITURE & EQUIP						(1,109)
10. Description of Proposed Construction Construct a 100-member Army Reserve Center (ARC). Primary facilities include construction of an ARC Training Building, Organizational Maintenance Shop (OMS), and Unheated Storage Building. Buildings will be of permanent construction with reinforced concrete foundations; concrete floor slabs; reinforced concrete or masonry walls; low-slope or sloped roof; Heating, Ventilation and Air Conditioning (HVAC); and plumbing, mechanical, security and electrical systems. Supporting facilities include a vehicle wash rack/platform, land clearing, paving, fencing, general site improvements and utility connections. Accessibility for the disabled will be provided. Antiterrorism/Force Protection (AT/FP) and physical security measures will be incorporated into the design including maximum standoff distances from roads, parking areas and vehicle unloading areas. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Dispose of 2 buildings at Starkville, MS (Total 1,325 m2/14,258 SF). Air Conditioning (Estimated 348 kW/99 Tons).						
11. REQ: 3,009 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: Construct a 100-member ARC Training Building, OMS, and Unheated Storage Building. (Current Mission)						
REQUIREMENT: Located in the vicinity of Starkville, this project will provide a 100-member training facility with administrative, educational, assembly, library, learning						

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Starkville Mississippi	4. PROJECT TITLE Army Reserve Center
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 16-77163	8. PROJECT COST (\$000) Auth 9,300 Approp 9,300
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REQUIREMENT: (CONTINUED)

center, vault, weapons simulator, and physical fitness areas for six Army Reserve units. The maintenance shop will be constructed to the modified Tactical Equipment Maintenance Facility (TEMF) standard consisting of one mid-size 32' x 64' drive-thru work bay consisting of six work areas, a vehicle wash rack/platform as well as administrative and storage areas. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles.

CURRENT SITUATION: The Guy II & Will Jones Memorial USARC is located in a commercial and residential setting near Mississippi State University. Facilities have been rated "red" or "black" for the past three years for the following reasons: (1) Foundation is settling on the West end of the AR Center; (2) Does not meet AT/FP standards or Americans with Disabilities Act (ADA) requirements; (3) Exposed utility services (4) Vault does not meet Class II storage criteria (4" floor thickness). Upon completion of the project, dispose of the Guy II & Will Jones Memorial USARC (MS017). The Army Reserve Center at Starkville, Mississippi, was authorized in the FY 2015 National Defense Authorization Act at \$9.3 million but no funds were appropriated for the project. The FY 2016 President's Budget submission includes a request for appropriation.

IMPACT IF NOT PROVIDED: If this project is not provided, the units will be forced to operate and train in facilities not properly configured to allow the most effective training to complete mission requirements. This will continue to have a negative impact on training and retention objectives.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project 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	JUN 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	OCT 2015
(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 AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Starkville Mississippi	4. PROJECT TITLE Army Reserve Center
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 16-77163	8. PROJECT COST (\$000) Auth 9,300 Approp 9,300
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	558
(b) All Other Design Costs.....	311
(c) Total Design Cost.....	869
(d) Contract.....	695
(e) In-house.....	174

(4) Construction Contract Award..... MAR 2016

(5) Construction Start..... APR 2016

(6) Construction Completion..... APR 2018

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	OMAR	2017	452
Collateral Equipment	OMAR	2017	392
IDS	OPA	2017	15
Info Sys - ISC	OPA	2017	250
		Total	1,109

Point of Contact: Army Reserve Project Officer, (703) 806-6780

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Orangeburg New York		4. AREA CONSTRUCTION COST INDEX 1.10
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR Tappan, NY 3.00 miles Center USAR Bronx, NY 15.00 miles Center USAR Bronx, NY 17.00 miles Center		
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY		COST DESIGN STATUS
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u> <u>START</u> <u>CMPL</u>
21409 Organizational Maintenance Shop	862 m2 (9,280 SF)	4,200 JUN 2014 OCT 2015
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		
		22 MAY 2014 (Date)
9. LAND ACQUISITION REQUIRED NONE		
		0 (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY		COST
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>
NONE		
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	0	
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.		
11. PERSONNEL STRENGTH AS OF 30 DEC 2014		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	16 0 12 4	358 35 323
ACTUAL	6 0 4 2	324 16 308
12. RESERVE UNIT DATA AUTHORIZED		
	Assigned/Authorized: 90%	STRENGTH
<u>UNIT DESIGNATION</u>		<u>AUTHORIZED</u> <u>ACTUAL</u>
812 CBT SPT CO		169 168
668 VERT CONST CO		158 144
DET 1, 2 BDE, ATD, 75 TNG		30 11
Totals		357 323
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	50	30
TRAILERS	28	17
TOTALS	78	47

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Orangeburg New York		4. AREA CONSTRUCTION COST INDEX 1.10						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Orangeburg New York				4. PROJECT TITLE Organizational Maintenance Shop		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 21409	7. PROJECT NUMBER CAR 16-86814		8. PROJECT COST (\$000) Auth 4,200 Approp 4,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						2,703
21409 Organizational Maintenance Shop		m2 (SF)	862.14 (9,280)		3,073	(2,650)
Sustainability/Energy Measures		LS	--		--	(53)
<u>SUPPORTING FACILITIES</u>						944
Electric Service		LS	--		--	(50)
Water, Sewer, Gas		LS	--		--	(75)
Paving, Walks, Curbs And Gutters		LS	--		--	(590)
Storm Drainage		LS	--		--	(15)
Site Imp(182) Demo()		LS	--		--	(182)
Information Systems		LS	--		--	(21)
Antiterrorism Measures		LS	--		--	(11)
ESTIMATED CONTRACT COST						3,647
CONTINGENCY (5.00%)						182
SUBTOTAL						3,829
SUPV, INSP & OVERHEAD (5.70%)						218
DESIGN/BUILD-DESIGN COST (4.00%)						153
TOTAL REQUEST						4,200
TOTAL REQUEST (ROUNDED)						4,200
TOTAL RELATED FURNITURE & EQUIP						(211)
10. Description of Proposed Construction Construct an Army Reserve Center (ARC) Organizational Maintenance Shop (OMS). Primary facilities include construction of an OMS. Building will be of permanent construction with reinforced concrete foundations; concrete floor slabs; reinforced concrete or masonry walls; low-slope or sloped roof; Heating, Ventilation and Air Conditioning (HVAC); and plumbing, mechanical, security and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements and utility connections. Accessibility for the disabled will be provided. Antiterrorism/Force Protection (AT/FP) and physical security measures will be incorporated into the design including maximum standoff distances from roads, parking areas and vehicle unloading areas. Sustainability/Energy measures will be provided. Facilities will be designed to a minimum life of 50 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: 862 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: Construct an OMS. (Current Mission)						
REQUIREMENT: Construct an OMS with a 32' x 96' standard size drive-thru work bay and maintenance administrative area using the modified Tactical Equipment Maintenance Facility (TEMF) standard. The project will also provide for adequate Military Equipment Parking (MEP).						
CURRENT SITUATION: Currently the 4,165 SF OMS is located within the Training Building						

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Orangeburg New York	4. PROJECT TITLE Organizational Maintenance Shop
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 21409	7. PROJECT NUMBER CAR 16-86814	8. PROJECT COST (\$000) Auth 4,200 Approp 4,200
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CURRENT SITUATION: (CONTINUED)

of the Orangeburg ARC. The building was constructed in 1989 and is extremely over-utilized at 150% for the OMS and 183% for the training building. The OMS bays are not long enough to handle current equipment assigned to the engineer company at this location. Completion of this project will allow a follow-on Restoration/Modernization project on the Army Reserve Center at a later date.

IMPACT IF NOT PROVIDED: If this project is not provided, the units will be forced to operate and train in facilities not properly configured to allow the most effective training to complete mission requirements. This will continue to have a negative impact on training and retention objectives.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project 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	JUN 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	OCT 2015
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-build	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	252
(b) All Other Design Costs.....	127
(c) Total Design Cost.....	379
(d) Contract.....	303
(e) In-house.....	76

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Orangeburg New York	4. PROJECT TITLE Organizational Maintenance Shop
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 21409	7. PROJECT NUMBER CAR 16-86814	8. PROJECT COST (\$000) Auth 4,200 Approp 4,200
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(4) Construction Contract Award.....	MAR 2016
(5) Construction Start.....	APR 2016
(6) Construction Completion.....	APR 2018

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>
Collateral Equipment	OMAR	2017	159
Furniture	OMAR	2017	35
Info Sys - ISC	OPA	2017	17
		Total	211

Point of Contact: Army Reserve Project Officer, (703) 806-6780

1. COMPONENT AR	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Conneaut Lake Pennsylvania		4. AREA CONSTRUCTION COST INDEX 1.14
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 0 weekends/month 0 nights/week Full-Time Personnel - 0 days/week		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS NONE		
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY	COST	<u>DESIGN STATUS</u>
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CPL</u>
85110 Defense Access Road Highway Improvement	72,696 m2 (86,944 SY)	5,000 JUN 2014 OCT 2015
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		14 AUG 2014 (Date)
9. LAND ACQUISITION REQUIRED		
NONE		0 (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY	SCOPE	COST
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>
NONE		
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0		
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.		
11. PERSONNEL STRENGTH AS OF		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	0 0 0 0	0 0 0
ACTUAL	0 0 0 0	0 0 0
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 0%		<u>STRENGTH</u>
<u>UNIT DESIGNATION</u>		<u>AUTHORIZED</u> <u>ACTUAL</u>
NONE		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
NONE		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Conneaut Lake Pennsylvania				4. PROJECT TITLE Defense Access Road Highway Improvement		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 85110	7. PROJECT NUMBER CAR 16-67701		8. PROJECT COST (\$000) Auth 5,000 Approp 5,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						3,791
85110 Road Prep and Paving		m2 (SY)	30,609 (36,608)		64.14	(1,963)
93210 Road Base and Earthwork		m2 (SY)	42,087 (50,336)		43.44	(1,828)
<u>SUPPORTING FACILITIES</u>						714
Storm Drainage		LS	--		--	(57)
Site Imp(657) Demo()		LS	--		--	(657)
ESTIMATED CONTRACT COST						4,505
CONTINGENCY (5.00%)						225
SUBTOTAL						4,730
SUPV, INSP & OVERHEAD (5.70%)						270
TOTAL REQUEST						5,000
TOTAL REQUEST (ROUNDED)						5,000
TOTAL RELATED FURNITURE & EQUIP						(0)
10. Description of Proposed Construction Upgrade an existing unpaved section of Mike Wood Boulevard. Funds provided will be transferred to the Federal Highway Administration (FHWA) for the Department of Transportation, which is responsible under Title 23 USC 210 for assuring proper execution of the work. This upgrade will accommodate current and projected military vehicle usage to access the Keystone Local Training Area (LTA) and the Equipment Concentration Site (ECS) / Area Maintenance Support Activity (AMSA) 103. The existing unpaved road will be replaced with asphalt, concrete, and aggregate shoulder. Roadway cross-section will be aggregate base, bituminous binder, and bituminous wearing course. Shoulders will be compacted aggregate. Soil stabilization of subgrade will be provided where required. Existing culverts will be replaced and extended where required. Swales for storm water drainage will be excavated, graded, seeded, and mulched.						
11. REQ: 72,696 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Upgrade an existing unpaved section of Mike Wood Boulevard. (Current Mission)						
REQUIREMENT: Upgrade an existing unpaved section of Mike Wood Boulevard (4,576 yards x 8 yards) to meet Pennsylvania Department of Transportation Bureau of Design Publication 13M (DM-2), Design Manual Part 2 Highway Design, and Publication 70 M, Guidelines for the Design of Local Roads and Streets. Upgrade will include reconstruction of roadway subbase and surface, shoulders, culverts, and swales. This project is required to support training activities and military vehicle maintenance and storage capabilities.						
CURRENT SITUATION: Mike Wood Boulevard TR-600 is the only means of access to the Keystone LTA and the ECS/AMSA 103. Existing road surface is a mixture of earth and stone						

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Conneaut Lake Pennsylvania	4. PROJECT TITLE Defense Access Road Highway Improvement
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 85110	7. PROJECT NUMBER CAR 16-67701	8. PROJECT COST (\$000) Auth 5,000 Approp 5,000
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CURRENT SITUATION: (CONTINUED)
that requires frequent regrading by the local municipality to remove excessive rutting caused by military vehicle traffic. Each regrading event removes more of the aggregate and further degrades the road surface. Since the local municipality that owns the road has limited funds because of its small constituency, it is fiscally incapable of reconstructing and paving the road. The local municipality has notified the Army Reserve that they will be forced to close the road should it continue to degrade.

IMPACT IF NOT PROVIDED: Existing access road will continue to degrade with current and projected military vehicle usage to the point where the road will be impassable. The local municipality will close the road and Army Reserve units will not be able to access the LTA and military vehicles will not be able to access the ECS for storage or the AMSA for maintenance.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy - complying with applicable laws and executive orders. This project has been fully coordinated with and approved by the Surface Deployment and Distribution Command as a valid DAR project.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JUN 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	OCT 2015
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	300
(b) All Other Design Costs.....	134
(c) Total Design Cost.....	434
(d) Contract.....	347
(e) In-house.....	87

1. COMPONENT AR	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Conneaut Lake Pennsylvania	4. PROJECT TITLE Defense Access Road Highway Improvement
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 85110	7. PROJECT NUMBER CAR 16-67701	8. PROJECT COST (\$000) Auth 5,000 Approp 5,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(4) Construction Contract Award.....	MAR 2016
(5) Construction Start.....	APR 2016
(6) Construction Completion.....	APR 2017

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		

Point of Contact: Army Reserve Project Officer, (703) 806-6780

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Unspecified				4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 96200	7. PROJECT NUMBER CAR 16-77797		8. PROJECT COST (\$000) Auth Approp 6,777	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						6,777
96200 Minor Construction Facilities		LS	--		--	(6,777)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						6,777
CONTINGENCY (0.00%)						
SUBTOTAL						6,777
SUPV, INSP & OVERHEAD (.00%)						
TOTAL REQUEST						6,777
TOTAL REQUEST (ROUNDED)						6,777
TOTAL RELATED FURNITURE & EQUIP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funding cost of \$3,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under 10 USC 18233a(a) (1). The funded cost limit can be \$4,000,000 if the project is intended solely to correct a deficiency that is life, health, or safety threatening.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE						
REQUIREMENT: This line item is needed to provide for Unspecified Minor Military Construction Program projects for which the need cannot be reasonably foreseen nor justified in time to be included in this Military Construction, Army Reserve Program.						
CURRENT SITUATION: These unforeseen projects address high priorities such as critical mission requirements, environmental protection, and life, health, or safety threatening conditions. These projects cannot wait until the next budget submission.						

1. COMPONENT AR		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Unspecified				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 96100	7. PROJECT NUMBER CAR 16-77796		8. PROJECT COST (\$000) Auth Approp 9,318	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u> 96100 Planning and Design		LS	--		--	9,318 (9,318)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						9,318
CONTINGENCY (0.00%)						
SUBTOTAL						9,318
SUPV, INSP & OVERHEAD (.00%)						
TOTAL REQUEST						9,318
TOTAL REQUEST (ROUNDED)						9,318
TOTAL RELATED FURNITURE & EQUIP						(0)
10. Description of Proposed Construction This item provides for parametric, concept, and final design of major and unspecified minor military construction projects; value engineering; and the development of standards and criteria for Army Reserve projects.						
11. REQ: NONE		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: This funding is required to provide design and engineering services for Military Construction, Army Reserve (MCAR), and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard (conventional) functional layouts. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contractors, and administrative support functions for projects in FY 2017 and FY 2018.						

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