

**DEPARTMENT OF THE ARMY
ARMY NATIONAL GUARD**

FISCAL YEAR (FY) 2017

**President's Budget
Submission**

MILITARY CONSTRUCTION



JUSTIFICATION DATA SUBMITTED TO CONGRESS

FEBRUARY 2016

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ARMY NATIONAL GUARD

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The estimated cost of this report for the Department of
Defense is approximately \$6,201.05 for Fiscal Year 2016. This
includes \$433.65 in expenses and \$5,767.40 in DoD labor.

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2017
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Hawaii	150035	Hilo COMBINED SUPPORT MAINTENANCE SHOP	31,000	31,000	C	7
		Subtotal Hilo	\$ 31,000	31,000		
		* TOTAL MCNG FOR Hawaii	\$ 31,000	31,000		
Iowa	190025	Davenport NATIONAL GUARD READINESS CENTER	23,000	23,000	C	15
		Subtotal Davenport	\$ 23,000	23,000		
		* TOTAL MCNG FOR Iowa	\$ 23,000	23,000		
Kansas	200101	Fort Leavenworth National Guard Readiness Center	29,000	29,000	C	23
		Subtotal Fort Leavenworth	\$ 29,000	29,000		
		* TOTAL MCNG FOR Kansas	\$ 29,000	29,000		
New Hampshire	330019	Hooksett NATIONAL GUARD VEHICLE MAINTENANCE SHOP	11,000	11,000	C	29
		Subtotal Hooksett	\$ 11,000	11,000		
	330425	Rochester National Guard Vehicle Maintenance Shop	8,900	8,900	C	37
		Subtotal Rochester	\$ 8,900	8,900		
		* TOTAL MCNG FOR New Hampshire	\$ 19,900	19,900		
Oklahoma	400601	Ardmore NATIONAL GUARD READINESS CENTER	22,000	22,000	C	45
		Subtotal Ardmore	\$ 22,000	22,000		
		* TOTAL MCNG FOR Oklahoma	\$ 22,000	22,000		

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2017
ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Pennsylvania	420354	York NATIONAL GUARD READINESS CENTER	9,300	9,300	C	53
		Subtotal York	\$ 9,300	9,300		
		* TOTAL MCNG FOR Pennsylvania	\$ 9,300	9,300		
Rhode Island	440064	East Greenwich NATIONAL GUARD/ RESERVE CENTER BUILDING	20,000	20,000	C	61
		Subtotal East Greenwich	\$ 20,000	20,000		
		* TOTAL MCNG FOR Rhode Island	\$ 20,000	20,000		
Utah	490601	Camp Williams NATIONAL GUARD READINESS CENTER	37,000	37,000	C	69
		Subtotal Camp Williams	\$ 37,000	37,000		
		* TOTAL MCNG FOR Utah	\$ 37,000	37,000		
Wyoming	560084	Laramie NATIONAL GUARD READINESS CENTER	21,000	21,000	C	77
		Subtotal Laramie	\$ 21,000	21,000		
		* TOTAL MCNG FOR Wyoming	\$ 21,000	21,000		
Worldwide Various	86771	Minor Construction Unspecified Minor Construction	0	12,001		85
		Subtotal Minor Construction	\$ 0	12,001		
	86772	Planning and Design Planning and Design	0	8,729		87
		Subtotal Planning and Design	\$ 0	8,729		
		* TOTAL MCNG FOR Worldwide Various	\$ 0	20,730		

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2017
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
** ARMY NATIONAL GUARD TOTAL			\$	212,200	232,930	
Total Cost of New Mission Projects			(0)	\$	0	
Total Cost of Current Mission Projects			(10)	\$	212,200	
Total Cost of other line items			(2)	\$	20,730	
Total Cost of FY 2017 MCNG Projects			(12)	\$	232,930	

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APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, and contributions therefore, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and Military Construction Authorization Acts \$232,930,000 to remain available until 30 September 2021. Provided, That of the amount appropriated, not to exceed \$8,729,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Director of the Army National Guard 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 therefor.

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**Military Construction Army National Guard, Future Years Defense Program
FY 2017- FY 2021**

<u>Year</u>	<u>State</u>	<u>Town or Installation</u>	<u>Project Title</u>	<u>Budgeted Amount</u>	<u>Budgeted PB16</u>	<u>Change</u>	<u>Explanation</u>	<u>Proj No</u>	<u>Pax No</u>
2017	2017	2017	2017			0		2017	
2017	HI	Hilo	Combined Support Maintenance Shop	31,000	31,000	0		150035	85652
2017	IA	Davenport	National Guard Readiness Center	23,000	23,000	0		190025	84590
2017	KS	Fort Leavenworth	National Guard Readiness Center	29,000	29,000	0		200101	84624
2017	MD	Sykesville	National Guard Readiness Center	0	19,000	(19,000)	Moved 2017 to 2018	240149	86371
2017	MN	Arden Hills	National Guard Readiness Center	0	39,000	(39,000)	Moved 2017 to 2018	270132	85825
2017	NH	Hooksett	National Guard Vehicle Maintenance Shop	11,000	10,600	400	Increased cost.	330019	85632
2017	NH	Rochester	National Guard Vehicle Maintenance Shop	8,900	9,400	(500)	Reduced cost.	330425	86531
2017	NM	Las Cruces	National Guard Readiness Center Addition	0	6,600	(6,600)	Moved 2017 to 2018. Increased cost. Project Number change 350141 to 350200	350200	86770
2017	OK	Ardmore	National Guard Readiness Center	22,000	22,000	0		400601	86761
2017	PA	York	National Guard Readiness Center	9,300	9,300	0		420354	85506
2017	RI	East Greenwich	National Guard/Reserve Center Building (JFHQ)	20,000	18,000	2,000	Increase in funding for Air National Guard share of this Joint Project	440064	86401
2017	UT	Camp Williams	National Guard Readiness Center	37,000	37,000	0		490601	85648
2017	WA	Tumwater	National Guard Readiness Center	0	31,000	(31,000)	Moved 2017 to 2018	530129	85651
2017	WY	Laramie	National Guard Readiness Center	21,000	0	21,000	Moved 2018 to 2017	560084	86780
2017	ZZZ	Various	Unspecified Minor Construction	12,001	12,000	1		990022	86771
2017	ZZZ	Various	Planning and Design	8,729	15,574	(6,845)		990033	86772
Total FY 2017 Program Request				232,930	312,474	-79,544			

**Military Construction Army National Guard, Future Years Defense Program
FY 2017- FY 2021**

<u>Year</u>	<u>State</u>	<u>Town or Installation</u>	<u>Project Title</u>	<u>Budgeted Amount</u>	<u>Budgeted PB16</u>	<u>Change</u>	<u>Explanation</u>	<u>Proj No</u>	<u>Pax No</u>
2018	2018	2018	2018			0		2018	
2018	AK	Joint Base Elmendorf-Richardson	Administrative Building, General Purpose (USFPO)	0	27,000	(27,000)	Moved 2018 to 2019	020143	85622
2018	DE	New Castle	Combined Support Maintenance Shop	36,000	36,000	0		100040	85641
2018	ID	Orchard Training Area	Digital Air/Ground Integration Range	22,000	0	22,000	Moved 2019 to 2018	160176	85669
2018	ME	Presque Isle	National Guard Readiness Center	17,500	17,500	0	Project Number change 230052 to 230135.	230135	86503
2018	MD	Sykesville	National Guard Readiness Center	19,000	0	19,000	Moved 2017 to 2018	240149	86371
2018	MN	Arden Hills	National Guard Readiness Center	39,000	0	39,000	Moved 2017 to 2018	270132	85825
2018	MT	Malta	National Guard Readiness Center	0	15,000	(15,000)	Moved 2018 to 2019	300031	85656
2018	NE	Mead	National Guard Readiness Center	0	29,000	(29,000)	Moved 2018 to 2020	310102	85645
2018	NH	Pembroke	National Guard Readiness Center	0	12,000	(12,000)	Moved 2018 to 2019	330043	85474
2018	NM	Las Cruces	National Guard Readiness Center Addition	8,600	0	8,600	Moved 2017 to 2018. Increased cost. Project Number change 350141 to 350200	350200	86770
2018	VA	Fort Pickett	Training Aids Center	4,550	0	4,550	Moved 2020 to 2018	510417	85727
2018	WA	Tumwater	National Guard Readiness Center	31,000	0	31,000	Moved 2017 to 2018	530129	85651
2018	WY	Laramie	National Guard Readiness Center	0	21,000	(21,000)	Moved 2018 to 2017	560084	86780
2018	ZZZ	Various	Unspecified Minor Construction	16,731	12,000	4,731		990022	86773
2018	ZZZ	Various	Planning and Design	16,271	16,271	0		990033	86774
Total FY 2018 Program Request				210,652	185,771	24,881			

**Military Construction Army National Guard, Future Years Defense Program
FY 2017- FY 2021**

<u>Year</u>	<u>State</u>	<u>Town or Installation</u>	<u>Project Title</u>	<u>Budgeted Amount</u>	<u>Budgeted PB16</u>	<u>Change</u>	<u>Explanation</u>	<u>Proj No</u>	<u>Pax No</u>
2019	2019	2019	2019			0		2019	
2019	AL	Foley	National Guard Readiness Center	0	12,000	(12,000)	Moved 2019 to 2020	010908	85380
2019	AK	Joint Base Elmendorf-Richardson	Administrative Building, General Purpose (USFPO)	27,000	0	27,000	Moved 2018 to 2019	020143	85622
2019	AZ	Queen Creek	National Guard Readiness Center	9,800	9,800	0		040035	84656
2019	AZ	Safford	National Guard Readiness Center	8,300	8,300	0		040038	85639
2019	ID	Orchard Training Area	Digital Air/Ground Integration Range	0	22,000	(22,000)	Moved 2019 to 2018	160176	85669
2019	MN	New Ulm	National Guard Vehicle Maintenance Shop	0	11,200	(11,200)	Moved 2019 to 2020	270203	85448
2019	MS	Camp Shelby	Automated Multipurpose Machine Gun (MPMG) Range	9,100	0	9,100	Moved 2020 to 2019	280408	85731
2019	MT	Malta	National Guard Readiness Center	15,000	0	15,000	Moved 2018 to 2019	300031	85656
2019	NV	North Las Vegas	National Guard Readiness Center	32,000	32,000	0		320157	86532
2019	NH	Pembroke	National Guard Readiness Center	12,000	0	12,000	Moved 2018 to 2019	330043	85474
2019	ND	Fargo	National Guard Readiness Center	32,000	32,000	0		380116	85492
2019	OH	Camp Ravenna	Automated Multipurpose Machine Gun (MPMG) Range	6,400	0	6,400	New Range Program Project	390285	85606
2019	PA	Moon Township	Combined Support Maintenance Shop	0	23,000	(23,000)	Moved 2019 to 2020	420103	85505
2019	ZZZ	Various	Unspecified Minor Construction	15,000	15,000	0		990022	86775
2019	ZZZ	Various	Planning and Design	18,218	18,814	(596)		990033	86776
			Total FY 2019 Program Request	184,818	184,114	704			

**Military Construction Army National Guard, Future Years Defense Program
FY 2017- FY 2021**

<u>Year</u>	<u>State</u>	<u>Town or Installation</u>	<u>Project Title</u>	<u>Budgeted Amount</u>	<u>Budgeted PB16</u>	<u>Change</u>	<u>Explanation</u>	<u>Proj No</u>	<u>Pax No</u>
2020	2020	2020	2020			0		2020	
2020	AL	Foley	National Guard Readiness Center	12,000	0	12,000	Moved 2019 to 2020	010908	85380
2020	CA	Camp Roberts	Automated Multipurpose Machine Gun (MPMG) Range	10,000	0	10,000	New Range Program Project	060441	84634
2020	FL	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range	8,100	0	8,100	New Range Program Project	120213	85610
2020	IN	Shelbyville	National Guard Readiness Center Add/Alt	0	12,000	(12,000)	Moved 2020 to 2021	180202	86480
2020	MD	Havre De Grace	Combined Support Maintenance Shop	12,000	12,000	0		240147	85440
2020	MA	Camp Edwards	Automated Multipurpose Machine Gun (MPMG) Range	9,700	9,700	0		250194	85732
2020	MN	New Ulm	National Guard Vehicle Maintenance Shop	11,200	0	11,200	Moved 2019 to 2020	270203	85448
2020	MS	Jackson	National Guard Vehicle Maintenance Shop	0	10,400	(10,400)	Moved 2020 to 2021	280381	85452
2020	MS	Camp Shelby	Automated Multipurpose Machine Gun (MPMG) Range	0	9,100	(9,100)	Moved 2020 to 2019	280408	85731
2020	MO	Springfield	National Guard Readiness Center	12,000	12,000	0		290186	85457
2020	NE	Mead	National Guard Readiness Center	29,000	0	29,000	Moved 2018 to 2020	310102	85645
2020	NE	North Platte	National Guard Readiness Center	9,300	9,300	0		310113	85464
2020	NH	Concord	National Guard Readiness Center Addition	5,950	5,950	0		330050	85475
2020	OH	Columbus	National Guard Readiness Center	0	15,000	(15,000)	Moved 2020 to 2021	390160	85495
2020	OR	Klamath Falls	Armed Forces Reserve Center Building Addition	9,300	9,300	0		410306	85502
2020	PA	Moon Township	Combined Support Maintenance Shop	23,000	0	23,000	Moved 2019 to 2020	420103	85505
2020	SC	Summerville	National Guard Readiness Center	0	15,000	(15,000)	Moved 2020 to 2021	450109	85519
2020	SC	Camp McCrady	Automated Multipurpose Machine Gun (MPMG) Range	5,400	0	5,400	New Range Program Project	450377	85615
2020	TN	McMinnville	National Guard Readiness Center	0	11,200	(11,200)	Moved 2020 to 2021	470030	85525
2020	UT	Nephi	National Guard Readiness Center	12,000	12,000	0		491201	85532
2020	VA	Fort Pickett	Training Aids Center	0	4,550	(4,550)	Moved 2020 to 2018	510417	85727
2020	WA	Bellingham	National Guard Readiness Center	11,400	11,400	0		531201	85572
2020	WI	Appleton	National Guard Readiness Center Add/Alt	0	11,600	(11,600)	Moved 2020 to 2021	550148	85553
2020	ZZZ	Various	Unspecified Minor Construction	15,000	15,000	0		990022	86777
2020	ZZZ	Various	Planning and Design	20,723	22,434	(1,711)		990033	86778
			Total FY 2020 Program Request	216,073	207,934	8,139			

**Military Construction Army National Guard, Future Years Defense Program
FY 2017- FY 2021**

<u>Year</u>	<u>State</u>	<u>Town or Installation</u>	<u>Project Title</u>	<u>Budgeted Amount</u>	<u>Budgeted PB16</u>	<u>Change</u>	<u>Explanation</u>	<u>Proj No</u>	<u>Pax No</u>
2021	2021	2021	2021			0		2021	
2021	AR	Fort Chaffee	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	050170	85387
2021	CA	Bakersfield	National Guard Vehicle Maintenance Shop	9,300	0	9,300	Accelerated from the Infrastructure Requirements Plan	060261	85389
2021	CO	Fort Carson	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	080295	85390
2021	IL	North Riverside	National Guard Vehicle Maintenance Shop	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	170077	85415
2021	IN	Shelbyville	National Guard Readiness Center Add/Alt	12,000	0	12,000	Moved 2020 to 2021	180202	86480
2021	KY	Frankfort	National Guard/Reserve Center Building	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	210054	85431
2021	LA	Lake Charles	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	220141	85434
2021	MS	Jackson	National Guard Vehicle Maintenance Shop	10,400	0	10,400	Moved 2020 to 2021	280381	85452
2021	NJ	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	340132	85478
2021	NC	McLeansville	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	371103	86696
2021	OH	Columbus	National Guard Readiness Center	15,000	0	15,000	Moved 2020 to 2021	390160	85495
2021	OK	Ardmore	National Guard Vehicle Maintenance Shop	9,800	0	9,800	Accelerated from the Infrastructure Requirements Plan	400602	85570
2021	SC	Summerville	National Guard Readiness Center	15,000	0	15,000	Moved 2020 to 2021	450109	85519
2021	SD	Rapid City	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	460115	85523
2021	TN	McMinnville	National Guard Readiness Center	11,200	0	11,200	Moved 2020 to 2021	470030	85525
2021	TX	Laredo	National Guard Vehicle Maintenance Shop	6,000	0	6,000	Accelerated from the Infrastructure Requirements Plan	481104	86690
2021	TX	Fort Worth	National Guard Vehicle Maintenance Shop	7,800	0	7,800	Accelerated from the Infrastructure Requirements Plan	481315	86691
2021	WI	Appleton	National Guard Readiness Center Add/Alt	11,600	0	11,600	Moved 2020 to 2021	550148	85553
2021	ZZZ	Various	Unspecified Minor Construction	15,000	0	15,000		990022	88445
2021	ZZZ	Various	Planning and Design	16,126	0	16,126		990033	88446
Total FY 2021 Program Request				259,226	0	259,226			

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016			
3. INSTALLATION AND LOCATION Hilo Hawaii	INSNO= 15A10	4. AREA CONSTRUCTION COST INDEX 2.06			
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG	KEALAKEKUA, HI	90.00 miles Readiness Center 1,833 m2 (19,725 SF) 1961			
ARNG	AASF#2 HILO, HI	2.00 miles Aviation Facility 3,897 m2 (41,950 SF) 1978			
USA	POHAKULOA TRAINING A	75.00 miles Range 9,167 m2 (98,675 SF) 1975			
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>			
21419 COMBINED SUPPORT MAINTENA	3,639 m2 (39,175 SF)	31,000 MAY 2015 JUN 2016			
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.		30 JUL 2015 (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): 31,000					
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 02 DEC 2015					
	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	25 0 0 25	0 0 0			
ACTUAL	14 0 0 14	0 0 0			
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>	
(EQP HI ARNG COMBINED)	W8UAAA			<u>AUTHORIZED</u>	<u>ACTUAL</u>
				0	0
				0	0
Assigned/Authorized: 0%					
13. MAJOR EQUIPMENT AND AIRCRAFT					
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED		98	7		
TRAILERS		134	8		
TRACKED		3	0		
EQUIPMENT > 30 FT		17	0		
Fuel Truck		4	0		
HET		0	0		
TOTALS		256	15		

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016						
3. INSTALLATION AND LOCATION Hilo Hawaii		4. AREA CONSTRUCTION INSNO= 15A10 COST INDEX 2.06						
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 ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Hilo Hawaii				4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21419	7. PROJECT NUMBER 85652 150035		8. PROJECT COST (\$000) Approp 31,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						21,512
21419 Maintenance Shop		m2 (SF)	3,217 (34,625)		5,472	(17,603)
21470 Bulk POL Storage		m2 (SF)	23.23 (250)		3,336	(78)
44240 Flammable Materials Facility		m2 (SF)	55.74 (600)		3,229	(180)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		3,229	(90)
44224 Enclosed Unheated Storage		m2 (SF)	315.87 (3,400)		4,306	(1,360)
Total from Continuation page(s)						(2,201)
SUPPORTING FACILITIES						7,033
Electric Service		LS	--		--	(634)
Water, Sewer, Gas		LS	--		--	(1,223)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,541)
Storm Drainage		LS	--		--	(809)
Site Imp(645) Demo(80)		LS	--		--	(725)
Information Systems		LS	--		--	(272)
Antiterrorism Measures		LS	--		--	(478)
Other		LS	--		--	(1,351)
ESTIMATED CONTRACT COST						28,545
CONTINGENCY (5.00%)						1,427
SUBTOTAL						29,972
SUPV, INSP & OVERHEAD (3.43%)						1,028
TOTAL REQUEST						31,000
TOTAL FEDERAL REQUEST						31,000
TOTAL FEDERAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						(3,621)
10. Description of Proposed Construction A specially designed National Guard Combined Support Maintenance Facility of permanent construction. The National Guard Combined Support Maintenance Facility includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, and Electric Power, Photovoltaic. This facility will be designed to meet Industry Standard as well as all local, state, and federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, cranes, roads, sidewalks, curbs, gutters, storm drainage, parking areas, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DOD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA (IE&E) Sustainable Design and Development Policy Updates Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DOD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 38,250 SQFT. Disposal of 7 buildings at Keaukaha Military Reservation Training Site, HI (Total 3,554 m2/38,250 SF). Air Conditioning (Estimated 106 kW/30 Tons).						
11. REQ:		3,639 m2	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Hilo Hawaii				4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21419	7. PROJECT NUMBER 85652 150035		8. PROJECT COST (\$000) Approp 31,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
85210 Organizational Parking, Paved		m2 (SY)	6,480 (7,750)		197.34	(1,279)
81122 Electric Power, Photovoltaic		EA	1 --		500,000	(500)
Sustainability/Energy Measures		LS	--		--	(422)
					Total	2,201
<p><u>PROJECT:</u> To construct a 39,175 SQFT Combined Support Maintenance Shop that supports the maintenance of vehicles and equipment of various HIARNG units at the CSMS, which maintain equipment stored in a geographical location. This facility will be built on State land. (Current Mission)</p> <p><u>REQUIREMENT:</u> The Combined Support Maintenance Shop in Hilo, Hawaii will provide repair and maintenance of vehicles and equipment for various HIARNG units; WX6YT0, WYC7D0, WYKGA1, WYKKC0, WYKKD1, WYKKE1, WYKKT1, WYKGB2, WPDPO(-), WQLVT1 & W90N02 assigned in TS Keaukaha Military Reservation and Kealakekua Readiness Center as well as those from neighbor islands that regularly come to the Big Island (Hawaii County) for training. A second CSMS on the largest island in Hawaii is vital to the overall operation of HIARNG due to geographical constraints intrinsic to an island-state.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Hawaii due to the current situation of training and operations between widely separated and geographically-constrained islands and sites. Moreover, units from Oahu and other neighbor islands, which come to the Big Island to train in KMR and Pohakuloa TA requires close-in maintenance support and equipment storage to cut down on mobilization and transportation costs.</p> <p>The State of Hawaii has conducted a preliminary design on this project and is currently at 35 % Design.</p> <p>The site for this project is in the possession of the state of Hawaii.</p> <p>Currently, the state of Hawaii has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1954.</p> <p>The current Combined Support Maintenance facility consist of small buildings constructed over 50 years ago, do not meet the design and space criteria outlined in NG Pam 415-12, current building codes, ADA, and ATRP requirement. The facility assessment result jeopardizes the mission readiness and exposes soldiers to a life/safety/health hazardous environment.</p> <p>Due to the existing condition of the surface maintenance facility soldiers are exposed to hazardous environment that will significantly jeopardized the timely performance of vehicle maintenance support and services to the supporting units.</p> <p>Prohibitive cost to keep maintaining over 50 yrs old facilities and to bring it to</p>						

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 02 FEB 2016		
3. INSTALLATION AND LOCATION Hilo Hawaii				4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21419		7. PROJECT NUMBER 85652 150035		8. PROJECT COST (\$000) Approp 31,000		
<u>CURRENT SITUATION: (CONTINUED)</u>								
current criteria and standard. High energy cost due to the age of the facility.								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
15A10	7612	21419	501	2015	F4	Q3	C3	KMR
15A10	7612	21407	628	2015	F3	Q3	C3	KMR
15A10	7612	21419	660	2021	F3	Q3	C3	KMR
The existing building does not have a Fire suppression/alarm system, ADA code and building design criteria of a surface maintenance shop.								
Due to the age and current condition of the facility failed to comply with the most current NG Pam 415-12 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), lack adequate training areas, administrative space, supply room space, locker room space, privately owned vehicle parking, military parking and unheated storage space.								
The existing condition of poor quality and lack of required space to perform vehicle maintenance services reduces the level of effectiveness and readiness of the units being supported.								
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the existing facilities will continue to provide the maintenance requirements of its supported units at a diminishing level of efficiency and the maintenance staff will be heavily besieged in timely meeting the mission essential requirements. The overextended use of inadequate facility will adversely impact the training and readiness of the units stationed in Keaukaha Military Reservation and ARNG units from the neighbor islands that are bound for Pohakuloa Training Area. The existing CSMS #2 facilities are clustered into an area that compromises basic force protection and the current state of the buildings is an unattractive showcase for soldier morale, retention and recruiting. Inadequate military vehicle parking and shortage of properly designed vehicle storage building will accelerate the environmentally induced impacts of high and intense rainfall, severe weather events, corrosive sea salt condition, and exposure to acidic volcanic emanations that plague the geologically active Island of Hawaii. Moreover, the existing facilities were not appropriately designed in accordance with the building code that considers the probable ground acceleration and earthquake hazards in Hilo and thus, its continued use may pose serious risks to soldiers and staff working and frequenting the facility.								
<u>ADDITIONAL:</u> 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.								
<u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.								
<u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation								

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Hilo Hawaii	4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21419	7. PROJECT NUMBER 85652 150035	8. PROJECT COST (\$000) Approp 31,000
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ADDITIONAL: (CONTINUED)
antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	MAY 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	NOV 2015
(d) Date Design Complete.....	JUN 2016
(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.....	1,738
(b) All Other Design Costs.....	985
(c) Total Design Cost.....	2,723
(d) Contract.....	2,723
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2017

(5) Construction Start..... APR 2017

(6) Construction Completion..... MAR 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Hilo Hawaii	4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21419	7. PROJECT NUMBER 85652 150035	8. PROJECT COST (\$000) Approp 31,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	1,550
ESS (214L)	OPA	2018	881
Info Sys - ISC	OPA	2018	224
Info Sys - PROP	OMNG	2018	966
		Total	<u>3,621</u>

CFMO Phone 808-672-1530
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016
3. INSTALLATION AND LOCATION Davenport Iowa		4. AREA CONSTRUCTION COST INDEX 1.01
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
ARNG	Davenport, IA	4.00 miles Readiness Center 1,093 m2 (11,763 SF) 1974
ARNG	Davenport, IA	4.00 miles Aviation Facility 4,212 m2 (45,336 SF) 1974
ARNG	Davenport, IA	0.00 miles Maintenance Facility 339 m2 (3,650 SF) 1958
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY		COST
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>DESIGN STATUS</u>
<u>SCOPE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>
17180	NATIONAL GUARD READINESS 8,113 m2 (87,323 SF)	23,000 JAN 2015 OCT 2016
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.		06 AUG 2015 (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>SCOPE</u>		<u>(\$000)</u>
NONE		
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		4,652
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 07 JAN 2016		
	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	28 4 24 0	353 35 318
ACTUAL	23 2 20 1	354 33 321
12. RESERVE UNIT DATA		
		STRENGTH
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>
<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
CO A (BN BRIGADE SPECIAL TR)	WP8WA0	03234
77305RNG05	74	81
CO D (BN INFANTRY BATTALION)	WP5PD0	03234
07215KNG14	79	73
DET 1 (BN BSB IBCT ABN)	WPCRE1	03234
63035KNG02	42	47
HSC (BN AVIATION SUPPORT B)	WX91T0	20133
63475KNG08	147	147
DAVENPORT - AASF RECRUITING (BN IOW)	W90S12	
NGW90SAA	2	2
DET 6, IA ARNG REC & RET BN (BN IOW)	W90SA6	
NGW90SAA	4	4
	348	354
Assigned/Authorized: 102%		

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016
3. INSTALLATION AND LOCATION Davenport Iowa		4. AREA CONSTRUCTION INSNO= 19B01 COST INDEX 1.01
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	98	98
TRAILERS	83	83
TRACKED	2	2
EQUIPMENT > 30 FT	14	14
Fuel Truck	0	0
HET	0	0
TOTALS	197	197
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Davenport Iowa				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 84590 190025		8. PROJECT COST (\$000) Approp 23,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						17,666
17180 Readiness Center		m2 (SF)	7,967 (85,758)		2,018	(16,075)
44224 Unheated Storage Building		m2 (SF)	98.94 (1,065)		914.95	(91)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		968.78	(27)
44240 Flammable Materials Facility		m2 (SF)	18.58 (200)		968.78	(18)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Total from Continuation page(s)						(1,305)
SUPPORTING FACILITIES						2,710
Electric Service		LS	--		--	(70)
Water, Sewer, Gas		LS	--		--	(213)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,011)
Storm Drainage		LS	--		--	(250)
Site Imp(530) Demo()		LS	--		--	(530)
Information Systems		LS	--		--	(53)
Antiterrorism Measures		LS	--		--	(291)
Other		LS	--		--	(292)
ESTIMATED CONTRACT COST						20,376
CONTINGENCY (5.00%)						1,019
SUBTOTAL						21,395
SUPV, INSP & OVERHEAD (3.50%)						749
DESIGN/BUILD-DESIGN COST (4.00%)						856
TOTAL REQUEST						23,000
TOTAL FEDERAL REQUEST						23,000
TOTAL FEDERAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						(2,028)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, Unheated Storage Building and Heating Plant Geothermal. This project will include comprehensive interior design. This facility will be designed to meet industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, sidewalks, curbs, gutters, storm drainage, parking areas (to include space for 175 POV spaces), and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 96,977 SQFT. Disposal of 4 buildings at Camp Dodge Johnston Training Site, IA (Total 3,975 m2/42,786 SF), 2 buildings at Davenport Readiness Center, IA (Total 2,304 m2/24,795 SF),						

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Davenport Iowa				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 84590 190025		8. PROJECT COST (\$000) Approp 23,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>						
85210 Rigid Pavement for MEP		m2 (SY)	8,863 (10,600)		77.74	(689)
82187 Heating Plant, Geothermal		EA	1 --		270,000	(270)
Sustainability/Energy Measures		LS	--		--	(346)
					Total	1,305
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>						
6 buildings at Davenport Field Maintenance Shop, IA (Total 2,185 m2/23,520 SF), and 2 buildings at Newton Readiness Center, IA (Total 546 m2/5,876 SF). Air Conditioning (Estimated 1,006 kW _r /286 Tons).						
11. <u>REQ:</u> 8,113 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> NONE						
<u>PROJECT:</u> To construct a 87,323 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the IAARNG. This facility will be built on State Land. (Current Mission)						
<u>REQUIREMENT:</u> Davenport is the third largest city in Iowa and the Quad Cities Metropolitan Statistical Area (MSA) has a population of over 376,000. The current facility is in a light business zone and land-locked by small businesses and the Davenport Community School District's property. Current facility was constructed in 1952, and is over 60,000 SQFT deficit in authorized space. Units to be stationed in the new facility are: Co D 1-133 BN Infantry (WP5PD0), Co A BSTB (WP8WA0), Det 1 E Co BSB (WPCRE1), HSC 248th ASB (WX91T0), R&R Det (W90S12, W90SA6). Additionally, the facility will be built with design adjacencies to allow the USAR to construct onto the building as their MILCON budget allows in future years. This supports the Army's goal of joint basing and finding cost savings in all MILCON projects. The National Guard Readiness Center Building supports current criteria and design of modernization by replacing two antiquated and undersized facilities with one new, modern and energy efficient readiness center. This new National Guard Readiness Center Building will also provide the latest IT capability for the new modern digital Army.						
<u>CURRENT SITUATION:</u> This project is critical to the state of Iowa due to the current situation of of the existing Davenport Readiness Center does not meet current Federal code for: fire, electrical, mechanical, energy or ADA. Per the 415-12 space authorization and criteria, the authorized space is more than 60,000 SQFT short of authorized criteria for the units to be stationed there. Additionally, the current land parcel does not allow any expansion or proper AT/FP set-back.						
The State of Iowa has conducted a preliminary design on this project and is currently at 35 % Design.						
The site for this project is in the possession of the state of Iowa.						
Currently, the state of Iowa has completed the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1952.						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Davenport Iowa	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 84590 190025	8. PROJECT COST (\$000) Approp 23,000
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CURRENT SITUATION: (CONTINUED)

The current Davenport ARNG facility is inadequate for authorized space criteria, quality of the facility and property that is landlocked in an older residential section of the city preventing any future expansion or addition/alteration to the existing facility. The facility jeopardizes training for lack of space and current modern IT infrastructure, but more significantly jeopardizes recruiting and retention. The ability of the IA ARNG to recruit and/or retain soldiers from the third largest city in Iowa is directly jeopardized by not having a modern Readiness Center.

Due to the age of the facility there have been recurrent mold issues within the building. Exterior masonry needs tuck-pointing. The envelope of the building is in poor condition; walls, windows, doors. Fire suppression system is antiquated and does not meet code. Building is not current to ADA requirements.

High energy costs due to the age of the facility. Prohibitive cost from the city to upgrade data line to the building.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
19B00	4658	17180	ARM01	2015	F4	Q4	C3	Davenport
19B00	4658	17180	ARM02	2015	F3	Q3	C3	Davenport
19D65	7801	17180	AASF2	2015	F3	Q1	C3	Waterloo
19A25	4095	17180	ARMRY	2015	F3	Q1	C3	Boone
19B05	4657	17180	AASF3	2015	F1	Q1	C3	Davenport
19B30	4768	17180	ARMRY	2015	F1	Q1	C3	Dubuque

Fire alarm system does not meet State code. Building does not meet Federal ADA code.

The current sites require waivers for AT/FP requirements. Parcel of land is not large enough for proper set-back of parking and perimeter.

These facilities do not meet current Federal code for: fire, electrical, mechanical, energy or ADA. Per NG Pam 415-12 criteria the facility is lack adequate training areas, administrative space, supply space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space. Does not meet the Anti-Terrorism Force Protection standoff distance.

Per the IA ARNG RCTMP report the Davenport Metropolitan area is a significant demographic area that is being severely underutilized due to the condition of the facilities.

IMPACT IF NOT PROVIDED: If the project is not approved, the present facilities lack of adequate space will reduce maintenance efficiency, training and mobilization readiness standards will continue to decline. Elements will continue to use facilities with inadequate space, antiquated in design and function, and encroached on all sides by residential or commercial development. The current environment adversely affects training, morale, recruiting, retention, Soldier/unit readiness, and basic force

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Davenport Iowa	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 84590 190025	8. PROJECT COST (\$000) Approp 23,000
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IMPACT IF NOT PROVIDED: (CONTINUED)

protection. Lack of adequate military vehicle parking will cause environmental damage, decrease efficiency and create work backlog. Lack of military parking forces equipment to be stored at alternate locations, reducing the training and maintenance opportunities for the soldiers. If this project is constructed in the year of appropriation the school district will want to renegotiate the land agreement which potentially jeopardizes the project any future construction.

ADDITIONAL: 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.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	JUN 2015
(d) Date Design Complete.....	OCT 2016
(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)

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Davenport Iowa	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 84590 190025	8. PROJECT COST (\$000) Approp 23,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	683
(c) Total Design Cost.....	683
(d) Contract.....	683
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2017
(5) Construction Start.....	APR 2017
(6) Construction Completion.....	MAR 2019

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>
F F & E	OMNG	2018	1,150
Kitchen Equipment (Type C)	OMNG	2018	50
ESS (171R)	OPA	2018	54
Info Sys - ISC	OPA	2018	423
Info Sys - PROP	OMNG	2018	352
		Total	2,028

CFMO Name: 515-252-4316
Phone Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016					
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas		4. AREA CONSTRUCTION COST INDEX 1.05					
5. FREQUENCY AND TYPE OF UTILIZATION Readiness Center 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
DOD	Fort Leavenworth, KS	1.00 miles Installation 92,903 m2 (1,000,000 SF) 1853					
ARNG	Lenexa, KS	38.00 miles Readiness Center 3,266 m2 (35,157 SF) 1988					
ANG	St. Joseph, MO	40.00 miles Installation 11,352 m2 (122,188 SF) 1966					
ARNG	Lawrence, KS	42.00 miles Readiness Center 1,266 m2 (13,624 SF) 1961					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
		<u>DESIGN STATUS</u>					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>					
17180	National Guard Readiness	10,036 m2 (108,031 SF) 29,000 FEB 2013 OCT 2016					
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.		16 NOV 2015 (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 07 DEC 2015							
	<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	33	11	22	0	306	128	178
ACTUAL	28	8	18	2	281	128	153
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>		<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
MOBILE CP A (HHC DIV HQ AND HQ BN)		WV21A0	0110	87000RNG36	109	101	
DET 1 (HHC DIV HQ AND HQ BN)		WV21B1	0010	87000RNG36	91	91	
HHC (HHC DIV HQ AND HQ BN)		WV21T0		87000RNG36	103	86	
REC		KSRECL			3	3	
					306	281	
Assigned/Authorized: 92%							

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016																								
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas		4. AREA CONSTRUCTION COST INDEX 1.05																								
13. MAJOR EQUIPMENT AND AIRCRAFT																										
<table border="0"> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>40</td> <td>40</td> </tr> <tr> <td>TRAILERS</td> <td>30</td> <td>30</td> </tr> <tr> <td>TRACKED</td> <td>0</td> <td>0</td> </tr> <tr> <td>EQUIPMENT > 30 FT</td> <td>1</td> <td>1</td> </tr> <tr> <td>Fuel Truck</td> <td>1</td> <td>1</td> </tr> <tr> <td>HET</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTALS</td> <td>72</td> <td>72</td> </tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	40	40	TRAILERS	30	30	TRACKED	0	0	EQUIPMENT > 30 FT	1	1	Fuel Truck	1	1	HET	0	0	TOTALS	72	72		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																								
WHEELED	40	40																								
TRAILERS	30	30																								
TRACKED	0	0																								
EQUIPMENT > 30 FT	1	1																								
Fuel Truck	1	1																								
HET	0	0																								
TOTALS	72	72																								
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																										
	(\$000)																									
A. AIR POLLUTION	0																									
B. WATER POLLUTION	0																									
C. OCCUPATIONAL SAFETY AND HEALTH	0																									

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Fort Leavenworth Kansas				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 84624 200101		8. PROJECT COST (\$000) Approp 29,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						22,928
17180 Readiness Center		m2 (SF)	9,539 (102,672)		2,155	(20,553)
81160 Backup/Emergency Generator		EA	1 --		195,000	(195)
82187 Heating Plant, Geothermal		EA	1 --		645,000	(645)
21411 Detached Maint Bay		m2 (SF)	497.87 (5,359)		2,180	(1,085)
Sustainability/Energy Measures		LS	--		--	(450)
SUPPORTING FACILITIES						3,760
Electric Service		LS	--		--	(60)
Water, Sewer, Gas		LS	--		--	(187)
Paving, Walks, Curbs And Gutters		LS	--		--	(2,096)
Storm Drainage		LS	--		--	(213)
Site Imp(688) Demo()		LS	--		--	(688)
Information Systems		LS	--		--	(64)
Antiterrorism Measures		LS	--		--	(206)
Other		LS	--		--	(246)
ESTIMATED CONTRACT COST						26,688
CONTINGENCY (5.00%)						1,334
SUBTOTAL						28,022
SUPV, INSP & OVERHEAD (3.49%)						978
TOTAL REQUEST						29,000
TOTAL FEDERAL REQUEST						29,000
TOTAL FEDERAL REQUEST (ROUNDED)						29,000
INSTALLED EQT-OTHER APPROP						(2,628)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Detached Maintenance Facility, and Heating Plant (Geothermal). This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 110,529 SQFT. Disposal of 1 building at Fort Riley, KS (Total 296 m2/3,189 SF), 1 building at Salina Training Center, KS (Total 6,304 m2/67,859 SF), 1 building at Wichita West Readiness Center, KS (Total 1,762 m2/18,969 SF), and 1 building at Wichita East Readiness Center, KS (Total 1,906 m2/20,512 SF). Air Conditioning (Estimated 1,206 kW/343 Tons).						
11. REQ: 10,036 m2		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: To construct a 108,031 SQFT National Guard Readiness Center that supports						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Fort Leavenworth Kansas	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 84624 200101	8. PROJECT COST (\$000) Approp 29,000
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PROJECT: (CONTINUED)

training, administrative, and logistical requirements for the KSARNG. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: The 35th ID is a transformation unit. The Readiness Center facility will serve as Division Headquarters. This facility will house those elements of the 35th Infantry Division assigned to Kansas Army National Guard. It will provide the necessary administrative, training, storage and arms vault areas required to achieve proficiency in required training.

CURRENT SITUATION: This project is critical to the state of Kansas due to the current situation of overcrowding. This HQ 35th ID currently occupies a small portion of facility space (13,975 SF) in Tice Hall (Bldg. #1951) at Ft Leavenworth with the remainder belonging to the National Guard Mission Training Center (MTC). This leaves the Division with an enormous shortfall and makes for exceptionally cramped conditions in the Headquarters. In addition, the MTC's training load has grown in recent years and they now require the entirety of Tice Hall. This facility is inadequate to accommodate the needs of the Division due to the sizeable deficit of classrooms, administrative areas, lockers, showers, restrooms, and physical fitness area.

The State of Kansas has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of Kansas.

Currently, the state of Kansas has completed the environmental assessment on this project.

There currently is no facility to complete the mission.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
20B96		17180					C3	No Facility

IMPACT IF NOT PROVIDED: If this project is not approved, the current shortfall of space will negatively effect both the MTC and the Division. It will impair the Division's ability to attain required mobilization readiness levels and will adversely affect training and quality of life. Today, meeting the Division's essential training requirements is very difficult. This situation will be made worse with the planned expansion of the MTC training mission which directly competes for space with the Division. By deferring this project, training, administration, and troop morale will suffer, all of which negatively impacts the strength and readiness of the Division.

ADDITIONAL: 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.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Fort Leavenworth Kansas	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 84624 200101	8. PROJECT COST (\$000) Approp 29,000
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ADDITIONAL: (CONTINUED)

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and additional protective measures, above the minimum required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings), are needed to mitigate the threat. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Design Start Date..... FEB 2013
 - (b) Percent Complete as of January 2016..... 65
 - (c) Date 35% Designed..... JUN 2015
 - (d) Date Design Complete..... OCT 2016
 - (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..... 1,625
 - (b) All Other Design Costs..... 921
 - (c) Total Design Cost..... 2,546
 - (d) Contract..... 2,546
 - (e) In-house..... 0

- (4) Construction Contract Award..... MAR 2017

- (5) Construction Start..... APR 2017

- (6) Construction Completion..... MAR 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Fort Leavenworth Kansas	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 84624 200101	8. PROJECT COST (\$000) Approp 29,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	1,450
Kitchen Equipment (Type C)	OMNG	2018	50
ESS (171R)	OPA	2018	54
Info Sys - ISC	OPA	2018	519
Info Sys - PROP	OMNG	2018	555
		Total	<u>2,628</u>

CFMO Phone Number: 785-274-1177

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016					
3. INSTALLATION AND LOCATION Hooksett New Hampshire		4. AREA CONSTRUCTION COST INDEX 1.07					
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for RC Units.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
USAFR	Londonberry, NH	15.00 miles Center	0 m2	(0 SF)	0		
ARNG	Concord, NH	20.00 miles Readiness Center	3,240 m2	(34,877 SF)	1961		
ARNG	Milford, NH	20.00 miles Readiness Center	1,058 m2	(11,385 SF)	1948		
ARNG	Nashua, NH	25.00 miles Readiness Center	1,977 m2	(21,282 SF)	1958		
ARNG	Hillsborough, NH	25.00 miles Readiness Center	1,057 m2	(11,374 SF)	1955		
ARNG	Franklin, NH	40.00 miles Readiness Center	1,368 m2	(14,729 SF)	1965		
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>		
21407	NATIONAL GUARD VEHICLE MA	2,681 m2 (28,855 SF)	11,000	MAY 2015	DEC 2016		
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.				07 MAY 2015 (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>			
17180	NATIONAL GUARD READINESS CENTER	3,159 m2	(34,007 SF)	12,000			
17180	NATIONAL GUARD READINESS CENTER ADD	1,375 m2	(14,798 SF)	6,000			
21407	National Guard Vehicle Maintenance Shop	2,105 m2	(22,653 SF)	8,900			
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):					11,000		
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 01 DEC 2015							
	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	0	0	0	0	0	0	0
ACTUAL	0	0	0	0	0	0	0
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
FMS 03 (EQP NH ARNG FLD MAINT)	W8SN03			<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				0	0		
				0	0		
Assigned/Authorized:							0%

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016
3. INSTALLATION AND LOCATION Hooksett New Hampshire		4. AREA CONSTRUCTION INSNO= 33L56 COST INDEX 1.07
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	158	2
TRAILERS	163	2
TRACKED	0	0
EQUIPMENT > 30 FT	27	0
Fuel Truck	0	0
HET	0	0
TOTALS	348	4
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Hooksett New Hampshire				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85632 330019		8. PROJECT COST (\$000) Approp 11,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						8,070
21407 Maintenance Shop		m2 (SF)	2,416 (26,005)		2,982	(7,205)
21470 Bulk POL Storage		m2 (SF)	32.52 (350)		2,153	(70)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,722	(48)
44224 Enclosed Unheated Storage		m2 (SF)	204.39 (2,200)		1,722	(352)
85210 Organizational Parking, Paved		m2 (SY)	1,735 (2,075)		136.34	(237)
Sustainability/Energy Measures		LS	--		--	(158)
SUPPORTING FACILITIES						1,856
Electric Service		LS	--		--	(40)
Water, Sewer, Gas		LS	--		--	(120)
Paving, Walks, Curbs And Gutters		LS	--		--	(679)
Storm Drainage		LS	--		--	(121)
Site Imp(562) Demo()		LS	--		--	(562)
Information Systems		LS	--		--	(25)
Antiterrorism Measures		LS	--		--	(151)
Other		LS	--		--	(158)
ESTIMATED CONTRACT COST						9,926
CONTINGENCY (5.00%)						496
SUBTOTAL						10,422
SUPV, INSP & OVERHEAD (5.56%)						579
TOTAL REQUEST						11,001
TOTAL FEDERAL REQUEST						11,001
TOTAL FEDERAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop of permanent construction. The National Guard Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Enclosed Unheated Storage and Controlled Waste Facility. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 28,857 SQFT. Disposal of 2 buildings at National Guard Training Site, NH (Total 531 m2/5,716 SF), 4 buildings at State Military Reservation, NH (Total 2,048 m2/22,040 SF), 1 building at Rochester Readiness Center, NH (Total 14 m2/151 SF), and 1 building at Hooksett, NH (Total 88 m2/950 SF). Air Conditioning (Estimated 127 kW/36 Tons).						
11. REQ: 2,681 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct a 28,855 SQFT National Guard Vehicle Maintenance Shop that supports maintenance and repair of combat and tactical vehicles for the NHARNG. This facility will be built on State Land. (Current Mission)						
REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Hooksett New Hampshire	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85632 330019	8. PROJECT COST (\$000) Approp 11,000
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REQUIREMENT: (CONTINUED)
units'; HHC 3643rd BSB (WY2AT0), B Co 3643rd BSB (WY2AB0), B Btry 3-197th FA BN (WP3BB0), 372nd Signal Company (WY3KAA), HHB 197th Fires BDE (WP20AA) and 39th Army Band (WQJ7AA) and provide maintenance and repair of military vehicles. No other adequate facilities are available to support the maintenance requirement of these units. The National Guard Vehicle Maintenance Shop will provide full time ARNG technicians the ability to conduct training and or repair military equipment in a modern, safe, shop that meets NGB criteria.

CURRENT SITUATION: This project is critical to the state of New Hampshire due to the current situation of not having a shop capable of servicing and maintaining the size and type of equipment of supported units in a safe and secure environment. Present facility size and condition causes safety concerns and adversely affects the mission and equipment readiness. Training opportunities will be lost and preventative maintenance delayed.

The State of New Hampshire has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of New Hampshire.

Currently, the state of New Hampshire has begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1937.

Equipment failure will "Likely" result in "Major" property loss and mission failure due to lack of preventive maintenance and improper storage. Workers will "Probably" be subjected to "Minor" loss of health an well being as a result of lacking safety walkways and egress, railings, lead exposure, improper lighting, excessive noise levels and improper ventilation.

Life/Health/Safety issues at current facility as noted by Industrial hygiene evaluation on file #1) Lead exposure OSHA Lead in General Industry Standard, 29 CFR 1910.1025 #2) Mold. Guidelines on Assessment and Remediation of Fungi in Indoor Environments, New York City Department of Health and Mental Hygiene, November 2008 and Mold Remediation in Schools, Commercial Buildings, U.S. Environmental Protection Agency, March 2001, and Army Facilities Management Information Document on Mold Remediation Issues TG277, February 2002 #3) Noise exposure exceeded (DA PAM) 40-501, Medical Service, Hearing Conservation Program, December 10, 1998 and OSHA Occupational Noise Exposure 29 CFR 1910.95 #4) Ventilation system failure Industrial Ventilation - A Manual of Recommended Practice for Design, American Conference of Governmental Industrial Hygienists (ACGIH), 27th edition. #5) Battery vapors. Unified Facilities Criteria 3-410-01 FA Heating, Ventilating, and Air Conditioning, 15 May 2003

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
33A60	6047	21407	0001A	2015	F4	Q4	C4	FMS # 3

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Hooksett New Hampshire				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85632 330019		8. PROJECT COST (\$000) Approp 11,000	
<u>CURRENT SITUATION: (CONTINUED)</u>						
<p>The following items are a description of Federal, State and local code violations; Faulty wiring by use of Romex cable. Lacking hand and safety rails. No Air Conditioning. No ADA ramps. Out of date fire protection.</p> <p>The current facilities do not comply with NG Pam 415-12 criteria and allowances. Lacking spaces include; training, administrative, supply room, tool storage, toilets/showers, locker room, privately owned vehicle parking, military parking and unheated storage space. Installation Status Report (ISR) notes failing ratings Mission and Quality, Some equipment simply cannot fit through over head doors. Structural restrictions such as clearance height in the repair bays preclude the possibility of ever installing lifts or cranes to allow proper servicing of vehicles. Lack of railings/grab bars, bathroom space and ramps make it fail the basic Americans with Disabilities Act (ADA), minimums. Anti-terrorism Force Protection (ATFP) set backs are not met. Most building systems are in the vicinity of 25 years old and beyond their useful life expectancy.</p>						
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided routine maintenance on MTOE equipment cannot be supported. The existing facility's space deficiencies will continue to adversely effect or prevent Level 2 maintenance forcing units to train without their assigned equipment. Lack of Unit Readiness is severely detrimental to their ability to operate within the ARFORGEN cycle and be prepared to deploy at the required level of training. Minimum Life Health Safety standards regarding noise, safety walkways and egress will not be achieved. Parking areas will remain overcrowded, limiting Unit drop offs and not providing proper spill containment or regionally required covered storage causing additional damage to the equipment and the environment. These deficiencies are impacting troop morale due to their inability to train properly. The ability for the Recruiting and Retention Staff to enlist Soldiers is negatively influenced by the haggard public image presented by the facilities. Most importantly, the health and well being of the Soldiers will continue to be placed at risk by the failed safety requirements and not meeting minimum AT/FP standoff distances. Operational short-comings will continue to be conducted off site at the NHARNG's only CSMS, further burdening their work load and creating scheduling difficulties and backed up job orders.</p>						
<p><u>ADDITIONAL:</u> 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>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p>						
<p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p>						
<p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored</p>						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Hooksett New Hampshire	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85632 330019	8. PROJECT COST (\$000) Approp 11,000
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ADDITIONAL: (CONTINUED)
during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	MAY 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	DEC 2015
(d) Date Design Complete.....	DEC 2016
(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.....	600
(b) All Other Design Costs.....	340
(c) Total Design Cost.....	940
(d) Contract.....	940
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2017

(5) Construction Start..... APR 2017

(6) Construction Completion..... MAY 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Hooksett New Hampshire	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85632 330019	8. PROJECT COST (\$000) Approp 11,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	402
Info Sys - ISC	OPA	2018	132
Info Sys - PROP	OMNG	2018	197
		Total	<u>731</u>

CFMO Phone 603-227-1464
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016			
3. INSTALLATION AND LOCATION Rochester New Hampshire	INSNO= 33A90	4. AREA CONSTRUCTION COST INDEX 1.22			
5. FREQUENCY AND TYPE OF UTILIZATION Reservists: 0 nights/week. Full-Time Personnel: 0 days/week.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 0.00 miles 0 (0) 0					
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY		COST DESIGN STATUS			
CODE PROJECT TITLE	SCOPE	(\$000) START Cmpl			
21407 National Guard Vehicle Ma	2,131 m2 (22,941 SF)	8,900 MAY 2015 DEC 2016			
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.		07 MAY 2015 (Date)			
9. LAND ACQUISITION REQUIRED					
None		0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY		COST			
CODE PROJECT TITLE	SCOPE	(\$000)			
21407 NATIONAL GUARD VEHICLE MAINTENANCE SHOP	2,703 m2 (29,099 SF)	10,600			
17180 NATIONAL GUARD READINESS CENTER	2,745 m2 (29,549 SF)	12,000			
17180 NATIONAL GUARD READINESS CENTER ADD	1,375 m2 (14,798 SF)	6,000			
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		9,000			
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 01 DEC 2015					
	PERMANENT	GUARD/RESERVE			
	TOTAL OFFICER ENLISTED CIVILIAN	TOTAL OFFICER ENLISTED			
AUTHORIZED	13 0 0 13	0 0 0			
ACTUAL	13 0 0 13	0 0 0			
12. RESERVE UNIT DATA					
UNIT DESIGNATION	UIC	TPSN	MTOE/TDA	STRENGTH	
FMS 01 (EQP NH ARNG FLD MAINT)	W8SN01			AUTHORIZED	ACTUAL
				0	0
				0	0
				Assigned/Authorized: 0%	
13. MAJOR EQUIPMENT AND AIRCRAFT					
TYPE		AUTHORIZED		ACTUAL	
WHEELED		112		3	
TRAILERS		173		1	
TRACKED		1		0	
EQUIPMENT > 30 FT		74		0	
Fuel Truck		3		0	
HET		0		0	
TOTALS		363		4	

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016						
3. INSTALLATION AND LOCATION Rochester New Hampshire		4. AREA CONSTRUCTION INSNO= 33A90 COST INDEX 1.22						
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 ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Rochester New Hampshire				4. PROJECT TITLE National Guard Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 86531 330425		8. PROJECT COST (\$000) Approp 8,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						6,405
44263 Maintenance Shop		m2 (SF)	2,103 (22,641)		2,708	(5,696)
85210 Organizational Parking, Paved		m2 (SY)	2,174 (2,600)		89.70	(195)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,328	(37)
82187 Heating plant geothermal		EA	1 --		350,000	(350)
Sustainability/Energy Measures		LS	--		--	(127)
SUPPORTING FACILITIES						1,625
Electric Service		LS	--		--	(65)
Water, Sewer, Gas		LS	--		--	(75)
Paving, Walks, Curbs And Gutters		LS	--		--	(674)
Storm Drainage		LS	--		--	(109)
Site Imp(324) Demo()		LS	--		--	(324)
Information Systems		LS	--		--	(27)
Antiterrorism Measures		LS	--		--	(156)
Other		LS	--		--	(195)
ESTIMATED CONTRACT COST						8,030
CONTINGENCY (5.00%)						402
SUBTOTAL						8,432
SUPV, INSP & OVERHEAD (5.55%)						468
TOTAL REQUEST						8,900
TOTAL FEDERAL REQUEST						8,900
TOTAL FEDERAL REQUEST (ROUNDED)						8,900
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop of permanent construction. The National Guard Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Controlled Waste Facility, and Heating plant geothermal. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 23,006 SQFT. Disposal of 1 building at State Military Reservation, NH (Total 20 m2/210 SF), 2 buildings at Dover Readiness Center, NH (Total 1,675 m2/18,030 SF), 1 building at Medical Command, NH (Total 437 m2/4,700 SF), and 1 building at Portsmouth Readiness Center, NH (Total 6 m2/66 SF). Air Conditioning (Estimated 77 kW/22 Tons).						
11. REQ: 2,131 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct a 22,941 SF National Guard Vehicle Maintenance Shop which supports maintenance and repair of combat and tactical vehicles for the NHARNG. This facility will be built on State land. (Current Mission)						
REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Rochester New Hampshire	4. PROJECT TITLE National Guard Vehicle Maintenance Shop
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 86531 330425	8. PROJECT COST (\$000) Approp 8,900
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REQUIREMENT: (CONTINUED)
units'; A Co 3643rd BSB (WY2AA0), DET ARNG Training Site (W77825), 195th RTI (W8F0AA) , E Btry 197th FA TAB (WP68AA), and provide maintenance and repair military vehicles. No other adequate facilities are available to support the maintenance requirement of these units. The National Guard Vehicle Maintenance Shop will provide full time ARNG technicians the ability to conduct training and or repair military equipment in a modern, safe, shop that meets NGB criteria.

CURRENT SITUATION: This project is critical to the state of New Hampshire due to the current situation of not having a shop capable of servicing and maintaining the size and type of equipment of supported units in a safe and secure environment. Present facility size and condition causes safety concerns and adversely affects the mission and equipment readiness. Training opportunities will be lost and preventative maintenance delayed.

The State of New Hampshire has conducted a preliminary design on this project and is currently at 35 % Design.

The site for this project is in the possession of the state of New Hampshire.

Currently, the state of New Hampshire has begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1975.

Equipment failure will "Likely" result in "Major" property loss and mission failure due to lack of preventive maintenance and improper storage. Workers will "Probably" be subjected to "Minor" loss of health an well being as a result of lacking safety walkways and egress, railings, lead exposure, improper lighting, excessive noise levels and improper ventilation.

Life/Health/Safety issues at current facility as noted by Industrial hygiene evaluation on file. #1)Poor lighting RP-1-2004,American National Standards Institute / Illuminating Engineering Society of North America (ANSI/IESNA) and RP-7-2001, ANSI/IESNA Lighting. #2)Lead exposure OSHA Lead in General Industry Standard, 29 CFR 1910.1025 #3) Mold. Guidelines on Assessment and Remediation of Fungi in Indoor Environments, New York City Department of Health and Mental Hygiene, November 2008 and Mold Remediation in Schools, Commercial Buildings, U.S. Environmental Protection Agency, March 2001, and Army Facilities Management Information Document on Mold Remediation Issues TG277, February 2002 #4) Noise exposure exceeded (DA PAM) 40-501, Medical Service, Hearing Conservation Program, December 10, 1998 and OSHA Occupational Noise Exposure 29 CFR 1910.95 #5) Ventilation system failure Industrial Ventilation - A Manual of Recommended Practice for Design, American Conference of Governmental Industrial Hygienists (ACGIH), 27th edition. #6) Battery vapors. Unified Facilities Criteria 3-410-01 FA Heating, Ventilating, and Air Conditioning, 15 May 2003

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
33A95	7316	21407	00002	2015	F4	Q4	C4	FMS #1

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Rochester New Hampshire				4. PROJECT TITLE National Guard Vehicle Maintenance Shop		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 86531 330425		8. PROJECT COST (\$000) Approp 8,900	
<u>CURRENT SITUATION: (CONTINUED)</u>						
<p>The following items are a description of Federal State and local code violations; Faulty wiring by use of Romex cable. Lacking hand and safety rails. Insufficient lighting. No Air Conditioning. No ADA ramps. Out of date fire protection.</p> <p>The current facilities do not comply with NG Pam 415-12 criteria and allowances. Lacking spaces include; training, administrative, supply room, tool storage, toilets/showers, locker room, privately owned vehicle parking, military parking and unheated storage space. Installation Status Report (ISR) notes failing ratings Mission and Quality, Some equipment simply cannot fit through over head doors. Structural restrictions such as clearance height in the repair bays preclude the possibility of ever installing lifts or cranes to allow proper servicing of vehicles. Lack of railings/grab bars, bathroom space and ramps make it fail the basic Americans with Disabilities Act (ADA), minimums. Anti-terrorism Force Protection (ATFP) set backs are not met. Most building systems are in the vicinity of 25 years old and beyond their useful life expectancy.</p>						
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided routine maintenance on MTOE equipment cannot be supported. The existing facility's space deficiencies will continue to adversely effect or prevent Level 2 maintenance forcing units to train without their assigned equipment. Lack of Unit Readiness is severely detrimental to their ability to operate within the ARFORGEN cycle and be prepared to deploy at the required level of training. Minimum Life Health Safety standards regarding noise, safety walkways and egress will not be achieved. Parking areas will remain overcrowded, limiting Unit drop offs and not providing proper spill containment or regionally required covered storage causing additional damage to the equipment and the environment. These deficiencies are impacting troop morale due to their inability to train properly. The ability for the Recruiting and Retention Staff to enlist Soldiers is negatively influenced by the haggard public image presented by the facilities. Most importantly, the health and well being of the Soldiers will continue to be placed at risk by the failed safety requirements and not meeting minimum AT/FP standoff distances. Operational short-comings will continue to be conducted off site at the NHARNG's only CSMS, further burdening their work load and creating scheduling difficulties and backed up job orders.</p>						
<p><u>ADDITIONAL:</u> 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>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p>						
<p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p>						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Rochester New Hampshire	4. PROJECT TITLE National Guard Vehicle Maintenance Shop
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 86531 330425	8. PROJECT COST (\$000) Approp 8,900
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ADDITIONAL: (CONTINUED)
ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	MAY 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	DEC 2015
(d) Date Design Complete.....	DEC 2016
(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.....	481
(b) All Other Design Costs.....	272
(c) Total Design Cost.....	753
(d) Contract.....	753
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2017

(5) Construction Start..... APR 2017

(6) Construction Completion..... MAY 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Rochester New Hampshire	4. PROJECT TITLE National Guard Vehicle Maintenance Shop
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 86531 330425	8. PROJECT COST (\$000) Approp 8,900
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	445
Info Sys - ISC	OPA	2018	40
Info Sys - PROP	OMNG	2018	197
		Total	<u>682</u>

CFMO Phone 603-227-1464
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016			
3. INSTALLATION AND LOCATION Ardmore Oklahoma	INSNO= 40A43	4. AREA CONSTRUCTION COST INDEX .95			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
AR	Ardmore, OK	8.00 miles USAR Center			
ARNG	Durant, OK	53.00 miles Readiness Center			
ARNG	Ada, OK	62.00 miles Readiness Center			
		1,085 m2 (11,678 SF) 1959			
		2,046 m2 (22,026 SF) 1968			
		2,191 m2 (23,584 SF) 1977			
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY		COST			
<u>CODE</u> <u>PROJECT TITLE</u>		<u>DESIGN STATUS</u>			
		<u>(\$000)</u> <u>START</u> <u>CMPL</u>			
17180	NATIONAL GUARD READINESS	7,768 m2 (83,618 SF) 22,000 JAN 2015 SEP 2016			
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.		19 AUG 2015 (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):		2,121			
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 07 DEC 2015					
	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	27 3 24 0	314 33 281			
ACTUAL	20 3 16 1	291 33 258			
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>	
				<u>AUTHORIZED</u>	<u>ACTUAL</u>
HHT (TRP RECONNAISSANCE SQ)	WY24T0	13045	17215RNG58	137	137
CO D (BN BDE SPT BN (IBCT))	WPTLD0	13045	63335RNG81	85	62
CO B (TRP RECONNAISSANCE SQ)	WY24B0	13045	17215RNG58	92	92
				314	291
Assigned/Authorized: 93%					

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016
3. INSTALLATION AND LOCATION Ardmore Oklahoma		4. AREA CONSTRUCTION INSNO= 40A43 COST INDEX .95
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	77	77
TRAILERS	115	80
TRACKED	0	0
EQUIPMENT > 30 FT	12	12
Fuel Truck	0	0
HET	0	0
TOTALS	204	169
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Ardmore Oklahoma				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86761 400601		8. PROJECT COST (\$000) Approp 22,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						15,655
17180 Readiness Center		m2 (SF)	7,671 (82,568)		1,856	(14,239)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,615	(45)
44240 Flammable Materials Facility		m2 (SF)	18.58 (200)		1,076	(20)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Parking, Paved		m2 (SY)	7,462 (8,925)		95.68	(714)
Total from Continuation page(s)						(487)
SUPPORTING FACILITIES						3,843
Electric Service		LS	--		--	(125)
Water, Sewer, Gas		LS	--		--	(375)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,277)
Storm Drainage		LS	--		--	(224)
Site Imp(470) Demo()		LS	--		--	(470)
Information Systems		LS	--		--	(172)
Antiterrorism Measures		LS	--		--	(531)
Other		LS	--		--	(669)
ESTIMATED CONTRACT COST						19,498
CONTINGENCY (5.00%)						975
SUBTOTAL						20,473
SUPV, INSP & OVERHEAD (3.46%)						708
DESIGN/BUILD-DESIGN COST (4.00%)						819
TOTAL REQUEST						22,000
TOTAL FEDERAL REQUEST						22,000
TOTAL FEDERAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROP						(2,012)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Access Control Point Building, Controlled Waste Facility and Flammable Materials Facility. It will include comprehensive design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas, Access Control Building, Controlled Perimeter Fencing, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Enhanced Antiterrorism Measures will be provided in accordance with the DOD Minimum Antiterrorism Measures to include Controlled Perimeter Fencing. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 88,059 SQFT. Disposal of 4 buildings at Ardmore Readiness Center, OK (Total 2,960 m2/31,866 SF), 1 building at Frederick Readiness Center, OK (Total 1,956 m2/21,058 SF), 1 building at Poteau Readiness Center, OK (Total 1,155 m2/12,427 SF), and 1 building at						

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Ardmore Oklahoma				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86761 400601		8. PROJECT COST (\$000) Approp 22,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
14113 Access Control Building		m2 (SF)	51.10 (550)		3,530	(180)
Sustainability/Energy Measures		LS	--		--	(307)
					Total	487
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
Stillwater Readiness Center, OK (Total 2,110 m2/22,708 SF). Air Conditioning (Estimated 932 kW _r /265 Tons).						
11. REQ: 7,768 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 83,618 SQSF National Guard Readiness Center complex that provides training, administrative, and logistical requirements for the OKARNG. This facility will be built on State land. (Current Mission)						
REQUIREMENT: This project will consolidate several units into one facility and close legacy facilities of the Oklahoma Army National Guard. The units will have a well equipped facility to provide support to the citizens of South-Central Oklahoma. This will be a regionally located modern ARNG Readiness Center to support the mission for the following units: UIC: WPTLD0 Co D, 700th Support Battalion (IBCT),26FEB10; UIC: WY24T0 HHT, 1st Sqdn, 180th Cav Reg (IBCT),26AUG46; and UIC: WY24B0 Troop B/1-180th Cavalry Squadron.						
This facility is designed to meet DA directed MTOE changes for the listed units authorized soldiers, within the transformed force structure of the Oklahoma, to address facility shortages and inadequacies as defined in the ISR-I. No other adequate facilities are available to properly support the transformed units of the IBCT.						
CURRENT SITUATION: This project is critical to the state of Oklahoma due to the current situation of stationing actions that fit the TAGs vision in order to support the state's ARNG mission and provide the authorized facilities per NG Pam 415-12 to train and prepare the following units: HHT 180th RSTA currently at McAlester AFRC will move to new Ardmore RC. Co B 180th RSTA currently at Poteau will move to new Ardmore RC. Co C 180th RSTA currently at old Ardmore will move to McAlester AFRC. Co D 700 SPT BN currently at McAlester AFRC will move to new Ardmore RC.						
The State of Oklahoma has conducted a preliminary design on this project and is currently at 35 % Design.						
The site for this project is in the possession of the state of Oklahoma.						
Currently, the state of Oklahoma has begun the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1985.						
This project will mitigate the event of not having a operational facility at Ardmore to train the soldiers of the OKARNG with the exception of the two portable buildings that						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Ardmore Oklahoma	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86761 400601	8. PROJECT COST (\$000) Approp 22,000
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CURRENT SITUATION: (CONTINUED)
are temporarily being used for administrative space at this location. The probability of effecting training is "LIKELY". The results of not having training facilities will cause a "MAJOR" threat to safety and well being of the soldiers of the OKARNG.

The Ardmore Readiness Center is currently vacated due to life, health, safety issues due to water penetration, mold, and foundation damage.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
40A42	3833	17180	AR101	2012	F4	Q4	C3	Ardmore
40A42	3833	61050	AR104	2014	F4	Q3	C3	Ardmore
40A42	3833	61050	AR105	2014	F4	Q4	C3	Ardmore
40D75	6868	17180	POT00	2014	F4	Q4	C3	Poteau

The Ardmore and Poteau facilities are not ADA compliant, do not meet fire and egress codes, does not meet AT/FP standoff distances.

There is no need for any waivers for this project.

The Ardmore and Poteau facilities do not comply with the NG Pam 415-12 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), lack adequate training areas, administrative space, supply room space, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

Ardmore currently has a portable Vault for weapons storage.

IMPACT IF NOT PROVIDED: If this project is not provided, the present facilities' lack of adequate space will reduce training capability, and mobilization readiness standards will continue to decline. Lack of adequate storage facilities places federal property at risk for loss or lack of accountability. Lack of adequate military vehicle parking with the correct security fencing and lighting places federal property at risk for damage or theft. Lack of adequate antiterrorism/force protection measures places Soldiers and State Real Property at risk. The existing facilities would require extensive upgrading to meet mission requirements and would not be cost effective.

ADDITIONAL: 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.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Ardmore Oklahoma	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86761 400601	8. PROJECT COST (\$000) Approp 22,000
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ADDITIONAL: (CONTINUED)
additional protective measures, above the minimum required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings), are needed to mitigate the threat. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	DEC 2015
(d) Date Design Complete.....	SEP 2016
(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.....	0
(b) All Other Design Costs.....	669
(c) Total Design Cost.....	669
(d) Contract.....	669
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2017

(5) Construction Start..... APR 2017

(6) Construction Completion..... MAR 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Ardmore Oklahoma	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86761 400601	8. PROJECT COST (\$000) Approp 22,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	1,100
Kitchen Equipment (Type C)	OMNG	2018	50
ESS (171R)	OPA	2018	54
Info Sys - ISC	OPA	2018	446
Info Sys - PROP	OMNG	2018	362
		Total	<u>2,012</u>

CFMO Phone 405-228-5647
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE 02 FEB 2016			
3. INSTALLATION AND LOCATION York Pennsylvania			INSNO= 42F61	4. AREA CONSTRUCTION COST INDEX 1.04			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Hanover, PA	20.00 miles	Readiness Center	2,701 m2 (29,078 SF) 2010			
ARNG	Carlisle, PA	32.00 miles	Readiness Center	3,460 m2 (37,238 SF) 2009			
ARNG	South Mountain, PA	50.00 miles	Readiness Center	2,449 m2 (26,360 SF) 2010			
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>			
17180	NATIONAL GUARD READINESS	3,628 m2 (39,052 SF)	9,300	OCT 2009 DEC 2014			
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.				11 AUG 2015 (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>(\$000)</u>	<u>(\$000)</u>			
21419	COMBINED SUPPORT MAINTENANCE SHOP	5,990 m2 (64,478 SF)		23,000			
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		2,620					
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 07 DEC 2015							
	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	4	0	4	0	106	4	102
ACTUAL	19	1	5	13	106	4	102
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
TRP C (SQ CAV SQ (ABCT))	WTU4C0	04128	17315RNG29	93	93		
DET 1, CO. D, 228TH (BN BDE SPT BN	WPGZD1			13	13		
				106	106		
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
WHEELED	12	17					
TRAILERS	5	6					
TRACKED	4	4					
EQUIPMENT > 30 FT	0	1					
Fuel Truck	0	0					
HET	0	0					
TOTALS	21	28					

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016						
3. INSTALLATION AND LOCATION York Pennsylvania		4. AREA CONSTRUCTION COST INDEX 1.04						
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 ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION York Pennsylvania				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85506 420354		8. PROJECT COST (\$000) Approp 9,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						9,209
17180 Readiness Center		m2 (SF)	3,591 (38,652)		2,288	(8,215)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,277	(36)
44240 Flammable Materials Facility		m2 (SF)	9.29 (100)		1,481	(14)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Parking, Paved		m2 (SY)	961.55 (1,150)		114.23	(110)
Total from Continuation page(s)						(684)
SUPPORTING FACILITIES						2,205
Electric Service		LS	--		--	(64)
Water, Sewer, Gas		LS	--		--	(298)
Paving, Walks, Curbs And Gutters		LS	--		--	(801)
Storm Drainage		LS	--		--	(233)
Site Imp(276) Demo()		LS	--		--	(276)
Information Systems		LS	--		--	(63)
Antiterrorism Measures		LS	--		--	(174)
Other		LS	--		--	(296)
ESTIMATED CONTRACT COST						11,414
CONTINGENCY (5.00%)						571
SUBTOTAL						11,985
SUPV, INSP & OVERHEAD (3.46%)						415
TOTAL REQUEST						12,400
State Share						3,100
TOTAL FEDERAL REQUEST						9,300
TOTAL FEDERAL REQUEST (ROUNDED)						9,300
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, Electric Power(Photovoltaic), and Heating Plant (Geothermal). This project will include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas including 90 privately owned vehicle parking spaces, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 38,581 SQFT. Disposal of 1 building at Fort Indiantown Gap, PA (Total 54 m2/584 SF), 1 building at Eden Road Readiness Center, PA (Total 1,413 m2/15,206 SF), 8 buildings at Coraopolis Readiness Center, PA (Total 106 m2/1,145 SF), 1 building						

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION York Pennsylvania				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85506 420354		8. PROJECT COST (\$000) Approp 9,300	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)						
82187 Heating Plant, Geothermal		EA	1 --	291,260	(291)	
81122 Electric Power, Photovoltaic		EA	1 --	212,242	(212)	
Sustainability/Energy Measures		LS	--	--	(181)	
				Total	684	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
at Pine Grove Readiness Center, PA (Total 204 m2/2,193 SF), 2 buildings at Grant Rd Readiness Center, PA (Total 22 m2/232 SF), and 3 buildings at George St Readiness Center, PA (Total 1,840 m2/19,805 SF). Air Conditioning (Estimated 454 kW/129 Tons).						
11. REQ: 3,628 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 39,052 SQFT National Guard Readiness Center Complex that supports training, administrative, and logistical requirements for the PAARNG. This facility will be built on State Land. (Current Mission)						
REQUIREMENT: This project is being built for Troop C 1-104 CAV and attachments to provide modern Readiness Center facilities for mission training/readiness and Defense Support of Civil Authorities operations. This project is to fulfill the requirement that is a result of unforeseen damage from Hurricane Irene and Lee.						
CURRENT SITUATION: This project is critical to the state of Pennsylvania due to the current situation of the facility being uninhabitable by soldiers since 2011. The land on which the facility sits on has significant geological problems that have resulted in settling of the foundation and is non-SRM repairable. The cracks that have resulted from this settling allow for water infiltration into the facility. This has resulted in dangerous mold growth. Available for review are geologic studies, Karst 3D charts, and occupational and safety reports verifying this information. Water infiltration is also occurring due to damage received from Hurricanes Lee and Irene. This has compounded the water infiltration issues and increased the humidity level to the extent that mold growth has become excessive. The structure was built in 1947 and originally intended to be temporary. The roof is a metal clad roof that also functions as the walls. Replacement of this style of construction is not feasible and it has been repaired repeatedly over the years. SRM funding is no longer a viable option to bring this facility back to a usable state. The walls and roof are the same entity and would require replacement of both as well as the walls on the interior due to water damage. This would leave the steel arch supports as the only remaining part of the original building. Replacement of the damaged areas of the facility will exceed 50% of the replacement value of the structure. This would then trigger the requirement to have the facility meet LEED Silver which is not possible on a metal building that has single pane 75 year old windows. The unit that was forced to vacate this facility is currently double stacked in another readiness center. This has resulted in double occupancy of offices, lockers on the drill hall floor, and increased maintenance costs due to overloading on the HVAC and plumbing systems.						
The State of Pennsylvania has conducted a preliminary design on this project and is						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION York Pennsylvania	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85506 420354	8. PROJECT COST (\$000) Approp 9,300
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CURRENT SITUATION: (CONTINUED)
currently at 35 % Design.

The site for this project is in the possession of the state of Pennsylvania.

Currently, the state of Pennsylvania has completed the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1947.

The RAC score was determined by evaluating the health risk to Soldiers by continuing to use the York Eden road facility. Due to the significant structural issues and damaged caused by two hurricanes there is a likely probability that an injury or damage would occur. With water infiltration and structural damage, anyone inside the facility is vulnerable to exposure to mold or falling debris. In the event that a structural member of the facility fell and hit a soldier that injury could be catastrophic. THE overall RAC Score is "Critical"

Due to the extensive Life/Health/Safety issues at the York Eden Rd facility it was closed by the PA TAG in 2011. Soldiers could not stay in the facility due to the extensive mold growth caused by water infiltration nor was it safe to be inside the building during heavy winds due to the structure showing deflection. Several ceiling panels have already fallen from the roof due to the excessive weight of being water saturated.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
42440		17180	0001	2011	F4	Q4	C3	York Eden Rd

This facility violates ADA compliance codes and indoor air quality codes for OSHA.

This facility isn't compliant with any aspect of NG
IMPACT IF NOT PROVIDED: If this project is not provided the unit's readiness will continue to degrade as all full-time staff, not to mention drilling unit, functions do not have the space to execute required tasks. For example, due to crowded conditions in the weapons vault it takes a longer time to issue weapons to soldiers thus decreasing training time. The facility has seen a significant increase in O & M costs due to the increased number of personnel utilizing the facility. The costs, including the replacement of a 157 ton chiller, relate to the additional load that is placed on the cooling system in the summer due to the extra heat generated by the added digital equipment and personnel in the facility. In addition there have been additional costs associated with repair of the sewer system that could be a direct result of the increased demand placed on it. The decreased amount of time soldiers have to execute vehicle maintenance due to overcrowded vehicle equipment maintenance parking areas incurs other costs. This overcrowding causes soldiers to wait or have to move the equipment to other locations before performing PMCS. This diminishes the time available to complete this to standard and can result in damage to the vehicles. Waiting for weapons and dealing with broken-down vehicles demoralizes soldiers with a direct negative impact on retention. Also by not providing this project soldiers park in unauthorized locations which

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION York Pennsylvania	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85506 420354	8. PROJECT COST (\$000) Approp 9,300
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IMPACT IF NOT PROVIDED: (CONTINUED)
increases the maintenance costs of surrounding areas that need to be repaired, re-graded, re-seeded, or paved. Military vehicles are double-parked and by not providing this project that will continue to degraded readiness and increase maintenance costs. By not providing this project physical security will continue to be degraded because vehicles must park to close to the fence so that all of them can fit inside the existing motor pool. By not providing this project organizational storage and equipment accountability is almost impossible.

ADDITIONAL: 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.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Design Start Date..... OCT 2009
- (b) Percent Complete as of January 2016..... 65
- (c) Date 35% Designed..... OCT 2014
- (d) Date Design Complete..... DEC 2014
- (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

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION York Pennsylvania	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85506 420354	8. PROJECT COST (\$000) Approp 9,300
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	687
(b) All Other Design Costs.....	389
(c) Total Design Cost.....	1,076
(d) Contract.....	1,076
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2017
(5) Construction Start.....	APR 2017
(6) Construction Completion.....	MAR 2019

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>
F F & E	OMNG	2018	610
Kitchen Equipment (Type C)	OMNG	2018	50
ESS (171R)	OPA	2018	54
Info Sys - ISC	OPA	2018	139
Info Sys - PROP	OMNG	2018	91
		Total	944

CFMO Phone 717-861-8634
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE 02 FEB 2016			
3. INSTALLATION AND LOCATION East Greenwich Rhode Island			INSNO= 44111	4. AREA CONSTRUCTION COST INDEX 1.20			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	East Greenwich, RI	1.00 miles	Readiness Center	1,863 m2 (20,048 SF) 1956			
ARNG	Warwick, RI	11.00 miles	Readiness Center	5,110 m2 (55,000 SF) 1951			
ARNG	Cranston, RI	11.00 miles	Readiness Center	5,641 m2 (60,724 SF) 1962			
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>		
17142	NATIONAL GUARD/ RESERVE C	7,503 m2 (80,766 SF)		20,000	JAN 2015 DEC 2016		
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 JOINT CONSTRUCTION.				26 MAY 2015 (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):		5,400					
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 07 DEC 2015							
	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	48	20	27	1	189	95	94
ACTUAL	100	23	27	50	189	95	94
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
SRAAG RI (DET HQ USA RC SPT TM)	W49Q2U	46031		1	1		
DET 2 (DET TRIAL DEFENSE TEA)	WPXNA2		27543RNG40	1	1		
(HQ ARMY ELE JFHQ-RI)	W93KAA		NGW93KAA	3	3		
RI JFHQ ANG	RIANG1			20	20		
(HQ ARNG ELMT, JFHQ-RI)	W8BEAA	56751	NGW8BEAA	164	164		
				189	189		
Assigned/Authorized: 100%							

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016																								
3. INSTALLATION AND LOCATION East Greenwich Rhode Island		4. AREA CONSTRUCTION COST INDEX 1.20																								
13. MAJOR EQUIPMENT AND AIRCRAFT																										
<table border="0"> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>77</td> <td>76</td> </tr> <tr> <td>TRAILERS</td> <td>13</td> <td>13</td> </tr> <tr> <td>TRACKED</td> <td>0</td> <td>0</td> </tr> <tr> <td>EQUIPMENT > 30 FT</td> <td>0</td> <td>0</td> </tr> <tr> <td>Fuel Truck</td> <td>2</td> <td>2</td> </tr> <tr> <td>HET</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTALS</td> <td>92</td> <td>91</td> </tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	77	76	TRAILERS	13	13	TRACKED	0	0	EQUIPMENT > 30 FT	0	0	Fuel Truck	2	2	HET	0	0	TOTALS	92	91		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																								
WHEELED	77	76																								
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EQUIPMENT > 30 FT	0	0																								
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HET	0	0																								
TOTALS	92	91																								
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																										
<table border="0"> <tbody> <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> </tbody> </table>	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0	(\$000)																			
A. AIR POLLUTION	0																									
B. WATER POLLUTION	0																									
C. OCCUPATIONAL SAFETY AND HEALTH	0																									

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION East Greenwich Rhode Island				4. PROJECT TITLE NATIONAL GUARD/ RESERVE CENTER BUILDING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 86401 440064		8. PROJECT COST (\$000) Approp 20,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST(\$000)	
<u>PRIMARY FACILITY</u>					20,365	
17142 Readiness Center		m2 (SF)	7,503 (80,766)	2,633	(19,756)	
81160 Backup/Emergency Generator		EA	1 --	150,000	(150)	
85210 Organizational Parking, Paved		m2 (SY)	501.68 (600)	119.60	(60)	
Sustainability/Energy Measures		LS	--	--	(399)	
<u>SUPPORTING FACILITIES</u>					2,580	
Electric Service		LS	--	--	(40)	
Water, Sewer, Gas		LS	--	--	(90)	
Paving, Walks, Curbs And Gutters		LS	--	--	(1,046)	
Storm Drainage		LS	--	--	(277)	
Site Imp(611) Demo()		LS	--	--	(611)	
Information Systems		LS	--	--	(17)	
Antiterrorism Measures		LS	--	--	(288)	
Other		LS	--	--	(211)	
ESTIMATED CONTRACT COST					22,945	
CONTINGENCY (5.00%)					1,147	
SUBTOTAL					24,092	
SUPV, INSP & OVERHEAD (3.61%)					870	
TOTAL REQUEST					24,962	
Other Non-DoD Component Share					4,962	
TOTAL FEDERAL REQUEST					20,000	
TOTAL FEDERAL REQUEST (ROUNDED)					20,000	
INSTALLED EQT-OTHER APPROP					(2,993)	
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism Measures in accordance with the DOD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 88,157 SQFT. Disposal of 2 buildings at Camp Fogarty Training Site, RI (Total 181 m2/1,950 SF), 4 buildings at North Smithfield Readiness Center, RI (Total 1,333 m2/14,352 SF), 2 buildings at Mounted CMDs Readiness Center, RI (Total 2,422 m2/26,066 SF), 1 building at Command Readiness Center Ring, RI (Total 3,124 m2/33,630 SF), and 1 building at Coventry Air National Guard, RI (Total 1,130 m2/12,159 SF). Air Conditioning (Estimated 1,122 kW/319 Tons).						
11. REQ: 7,503 m2		ADQT: NONE		SUBSTD: NONE		

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 02 FEB 2016		
3. INSTALLATION AND LOCATION East Greenwich Rhode Island				4. PROJECT TITLE NATIONAL GUARD/ RESERVE CENTER BUILDING				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142		7. PROJECT NUMBER 86401 440064		8. PROJECT COST (\$000) Approp 20,000		
<p><u>PROJECT:</u> To construct a 80,766 SF National Guard Readiness Center that supports training, administrative, and logistical requirements for the RIARNG and ANG. This facility will be built on federal land. The ANG has a \$1,205,000 joint share for this project and the State of Rhode Island as a \$4,962,000 share based on sole use space. (Current Mission)</p> <p><u>REQUIREMENT:</u> This re-stationing is for increased command and control. The new facility will also incorporate all ATRFP requirements. The current JFHQ shares a building with the EMA on State land and is very over crowded. The current JFHQ lacks administrative space and parking space for both military vehicles and POV's, with no potential for expansion. The new JFHQ will be built on Federal land, and will combine personnel currently located in the Command Readiness Center and the Schofield Armory. This is a joint project with the Air National Guard.</p> <p>The following units will be served by this project: UIC-W49Q2U SRAAG RI (DET HQ USA RC SPT TM), UIC-WPXNA2 DET Trial Defense Team, UIC-W93KAA HQ Army Element JFHQ-RI, UIC-RIANG1 RI JFHQ ANG, UIC-W8BEAA HQ ARNG Element, JFHQ-RI.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Rhode Island due to the current situation of not having adequate administrative space for assigned personnel. Not having an assembly hall for unit formations and other functions. Not having adequate Force Protection, parking for assigned personnel or visitors to the JFHQ. Not having locker room space to secure any type of equipment.</p> <p>The State of Rhode Island has conducted a preliminary design on this project and is currently at 35 % Design.</p> <p>The site for this project is in the possession of the state of Rhode Island.</p> <p>Currently, the state of Rhode Island has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1989.</p> <p>This project will mitigate the event of not having classroom facilities to train the soldiers of the RIARNG. Currently there are no training facilities in Cranston, RI to accomplish the training objectives, the probability of effecting training is "LIKELY". The result of not having training facilities will cause a "MAJOR" threat to the safety and well being of the soldiers of the RIARNG.</p> <p>Currently the soldiers are left with having classes in storage areas of the building which do not have egress, HVAC or meet fire code.</p> <p>There currently is no facility that is generating a sustainment need. To improve the temporary facility to a permanent fix will exceed SRM allowances.</p>								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
44B10	4521	17142	00001	2014	F4	Q3	C4	Command Readiness

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION East Greenwich Rhode Island				4. PROJECT TITLE NATIONAL GUARD/ RESERVE CENTER BUILDING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 86401 440064		8. PROJECT COST (\$000) Approp 20,000	
<u>CURRENT SITUATION: (CONTINUED)</u>						
Center (JFHQ)						
<p>The temporary classroom space is located in storage areas that do not meet fire or egress codes.</p> <p>These facilities do not comply with the NG Pam 415-12 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans and Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), lack adequate training areas, administrative space, supply room space, privately owned vehicle parking, military parking and unheated storage space.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The scattered locations will continue to adversely impact the Command's ability to provide services, particularly during unit mobilizations and demobilizations when all staff sections are needed to process the units in one location. By failing to consolidate, communication among staff sections and subordinate commands will continue to be adversely impacted by the need to drive to meetings several times per week. Many man-hours of productivity will continue to be lost as Soldiers drive 20 miles/40 minutes round-trip per event. Finally, the headquarters will remain vulnerable to surveillance and external threats in its current exposed location.</p> <p>If this project is not provided, a critical shortfall of space will remain at the Command Readiness Center and the Schofield Armory. The existing facilities space deficiencies will continue to adversely affect the units' ability to meet its readiness, recruiting and retention, and training objectives. Lack of adequate administrative space, classrooms, supply area, and assembly hall adversely affect the training and quality of life of the JFHQ and make meeting their mission difficult. These deficiencies in the existing facilities make for a poor work environment. There is not enough POV parking at the current location during weekend drill periods, and there is no additional military vehicle parking during the week or on the drill weekends. A limited parking situation will continue, especially during state emergencies, and it will be out of compliance with ATFP standards. By deferring this project, troop morale will suffer and state readiness and administrative functions will degrade.</p> <p><u>ADDITIONAL:</u> 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>PHYSICAL SECURITY:</u> This project has been coordinated with the installation AT plan, and all physical security measures are included.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p>						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION East Greenwich Rhode Island	4. PROJECT TITLE NATIONAL GUARD/ RESERVE CENTER BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 86401 440064	8. PROJECT COST (\$000) Approp 20,000
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ADDITIONAL: (CONTINUED)
ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	DEC 2015
(d) Date Design Complete.....	DEC 2016
(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.....	1,376
(b) All Other Design Costs.....	780
(c) Total Design Cost.....	2,156
(d) Contract.....	2,156
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2017

(5) Construction Start..... APR 2017

(6) Construction Completion..... MAR 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION East Greenwich Rhode Island	4. PROJECT TITLE NATIONAL GUARD/ RESERVE CENTER BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 86401 440064	8. PROJECT COST (\$000) Approp 20,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	1,000
ESS (171R)	OPA	2018	992
Info Sys - ISC	OPA	2018	515
Info Sys - PROP	OMNG	2018	486
MUE	OMNG	2018	202
		Total	<u>3,195</u>

CFMO Phone 401-275-4664
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016					
3. INSTALLATION AND LOCATION Camp Williams Utah		4. AREA CONSTRUCTION COST INDEX 1.07					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 3-4 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	LEHI, UT	7.00 miles Readiness Center 1,524 m2 (16,400 SF) 1958					
ARNG	DRAPER, UT	9.00 miles Readiness Center 29,756 m2 (320,286 SF) 1988					
ARNG	AM FORK, UT	13.00 miles Readiness Center 1,065 m2 (11,462 SF) 1956					
ARNG	WEST JORDAN, UT	15.00 miles Readiness Center 7,528 m2 (81,036 SF) 1993					
ARNG	OREM, UT	25.00 miles Readiness Center 6,984 m2 (75,178 SF) 2000					
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>CMP</u>					
17180	NATIONAL GUARD READINESS	13,071 m2 (140,700 SF) 37,000 MAR 2015 SEP 2016					
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.		11 MAR 2015 (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>					
17180	National Guard Readiness Center	5,278 m2 (56,807 SF) 12,000					
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 07 DEC 2015							
	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	57	12	45	0	498	104	394
ACTUAL	43	8	27	8	498	104	394
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
HHD (BN SF BN, SF GP (ABN))	WTN6T0	23101	NGWTN699	22	65		
(AUG SF BN 01 ABN AUG)	WTN699	23101	NGWTN699	36	36		
CO D (BN SF BN, SF GP (ABN))	WTN6D0	23101	NGWTN699	63	63		
CO B (BN SF BN, SF GP (ABN))	WTN6B0	23101	NGWTN699	87	88		
(CO GRP SPECIAL TROOPS)	WYLMAA	23102	NGWYLM99	125	127		
(HHC , SF GPS (ABN))	WP6GAA	23100	31812GNG31	68	116		
(AUG SF CO SPT CO A)	WYLM99	23102	NGWYLM99	3	3		
				404	498		
Assigned/Authorized: 123%							

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016
3. INSTALLATION AND LOCATION Camp Williams Utah		4. AREA CONSTRUCTION INSNO= 49911 COST INDEX 1.07
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	80	239
TRAILERS	132	150
TRACKED	0	0
EQUIPMENT > 30 FT	0	7
Fuel Truck	0	0
HET	0	0
TOTALS	212	396
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Camp Williams Utah				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85648 490601		8. PROJECT COST (\$000) Approp 37,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						30,609
17180 Readiness Center		m2 (SF)	13,025 (140,200)		2,217	(28,881)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,194	(33)
44240 Flammable Materials Facility		m2 (SF)	18.58 (200)		1,215	(23)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Parking, Paved		m2 (SY)	13,357 (15,975)		42.82	(572)
Total from Continuation page(s)						(950)
SUPPORTING FACILITIES						3,434
Electric Service		LS	--		--	(50)
Water, Sewer, Gas		LS	--		--	(110)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,779)
Storm Drainage		LS	--		--	(50)
Site Imp(918) Demo()		LS	--		--	(918)
Information Systems		LS	--		--	(52)
Antiterrorism Measures		LS	--		--	(265)
Other		LS	--		--	(210)
ESTIMATED CONTRACT COST						34,043
CONTINGENCY (5.00%)						1,702
SUBTOTAL						35,745
SUPV, INSP & OVERHEAD (3.51%)						1,255
TOTAL REQUEST						37,000
TOTAL FEDERAL REQUEST						37,000
TOTAL FEDERAL REQUEST (ROUNDED)						37,000
INSTALLED EQT-OTHER APPROP						(3,178)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, and Heating Plant (Geothermal). It will include a dive locker and comprehensive design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas including parking stalls for privately owned vehicles, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 147,503 SQFT. Disposal of 79 buildings at MTA-L Camp Williams, UT (Total 10,714 m2/115,322 SF), 2 buildings at American Fork Readiness Ctr and FMS 6, UT (Total 121 m2/1,307 SF), 4 buildings at Lehi Readiness Center, UT (Total 1,650 m2/17,763 SF), 3 buildings at Murray Field Maintenance Shop, UT (Total 633 m2/6,810 SF), 1 building at Richfield Readiness Center and FMS 5A, UT (Total 10 m2/105 SF), 1 building at Sustained Airborne Training						

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Camp Williams Utah				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85648 490601		8. PROJECT COST (\$000) Approp 37,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)						
82187 Heating Plant, Geothermal		EA	1 --	350,000	(350)	
Sustainability/Energy Measures		LS	--	--	(600)	
				Total	950	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
Facility, UT (Total 91 m2/975 SF), 2 buildings at Utah County South Readiness Ctr and FMS 9, UT (Total 177 m2/1,902 SF), and 3 buildings at E J Garn Readiness Center & Field Maint Shop, UT (Total 308 m2/3,319 SF). Air Conditioning (Estimated 1,653 kW/470 Tons).						
11. REQ: 13,071 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 140,700 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the UTARNG. This facility will be built on State land. (Current Mission)						
REQUIREMENT: his facility is designed to meet DA directed MTOE changes for the listed units authorized soldiers, within the transformed force structure of the UTARNG, to address facility shortages and inadequacies as defined in the ISR-I. The following units will be served by this Readiness Center: WP6GAA; WTN6B0; WTN6D0; WTN6T0; WYLMMAA; WTN699; WYLM99. The existing facilities do not meet current mission or standards. The RC will have a specially designed area for a dive locker, and space for training and storage of equipment unique to these units. This site has the acreage needed to support the MVP/POV parking requirements.						
CURRENT SITUATION: This project is critical to the state of Utah due to the current situation of these units are spread over a large geographical area, including equipment is stored off site or at other facilities and detracts from training. The units rely on training as large groups to create the required continuity and do not have adequate facilities to meet this requirement without this project.						
The State of Utah has conducted a preliminary design on this project and is currently at 35 % Design.						
The site for this project is in the possession of the state of Utah.						
Currently, the state of Utah has completed the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 0.						
The current facilities do not provide adequate training space, storage for equipment, or provide the soldiers with areas to store personnel equipment which leads to lost equipment and delayed training times.						
High Energy costs due to aged facilities components. Building envelope and components are not adequate and do not allow the facility to meet the current energy requirements						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Camp Williams Utah	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85648 490601	8. PROJECT COST (\$000) Approp 37,000
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CURRENT SITUATION: (CONTINUED)
for reduction.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
49911		17180	3010	2013	F2	Q3	C3	Bldg 3010
49911		17180	5020	2013	F3	Q3	C3	Bldg 5020
49911		17180	6040	2013	F1	Q1	C3	Bldg 6040
49911		17180	6060	2013	F2	Q2	C3	Bldg 6060
49911		17180	5170	2013	F3	Q3	C3	Bldg 5170
49911		17180	5160	2013	F2	Q2	C3	Bldg 5160
49911		17180	1830	2013	F1	Q2	C3	Bldg 1830
49911		17180	1810	2013	F2	Q2	C3	Bldg 1810
49911		17180	1800	2013	F3	Q1	C3	Bldg 1800
49A55		17180	0001	2013	F3	Q3	C3	Lehi Armory
49A90		17180	0001	2013	F4	Q3	C3	Ogden Browning Armory

Does not meet current ADA standards, or stand off distances.

Requires waivers for stand off distances for those facilities not located on Camp Williams.

Cannot comply with current NG Pam 415-12. The current facilities lack the training area, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military vehicle parking, and unheated storage space. Current facilities do not comply with American with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), and fail to comply with current code requirements.

Renovation on all the facilities is not viable because these facilities were not designed for this type of use and those outside of Camp Williams sit on less than one (1) acre parcels. This does not allow for expansion, nor does it allow for adequate parking, storage, and meet current AT/FP requirements. The only option to meet all current requirements is to construct a new facility that will allow room to meet current and future requirements of the 19th SF Group.

IMPACT IF NOT PROVIDED: The impact of not providing this project will reflect insufficient facility space to train and maintain the level of readiness required by the Army for the newly transformed units. The Army has directed that these new units be manned, equipped, and trained within the Army Froce Generation cycle. At the present facility status and current square footage available, it is not possible for the units to meet this goal without MILCON Funding. Their training evaluation scores are currently documented as "Untrained" due to the lack of equipment and their current facilities and adequate space. This evaluation will continue with no indication of improvement without the additional facilities. The operational capability and day-to-day function of the organizations will continue to deteriorate without the adequate space for administrative work, training, and storage. Training hours will continue to be wasted by the units

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Camp Williams Utah	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85648 490601	8. PROJECT COST (\$000) Approp 37,000
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IMPACT IF NOT PROVIDED: (CONTINUED)

continually having to utilize other facilities for training and storage of their equipment will cost an additional \$250k in training dollars a year annually. This also increases the risk and cost of training with the added commuting time to retrieve equipment. The non construction of these facilities will prevent the Army from completing the full spectrum of operations, eliminating the ability to provide training support systems.

ADDITIONAL: Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 11988, and 11990 and other applicable laws and Executive Orders. This project complies with the scope and design criteria of National Guard Pamphlet 415-12.

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	MAR 2015
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	SEP 2015
(d) Date Design Complete.....	SEP 2016
(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)

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Camp Williams Utah	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85648 490601	8. PROJECT COST (\$000) Approp 37,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(a) Production of Plans and Specifications.....	2,034
(b) All Other Design Costs.....	1,152
(c) Total Design Cost.....	3,186
(d) Contract.....	3,186
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2017
(5) Construction Start.....	APR 2017
(6) Construction Completion.....	MAR 2019

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>
F F & E	OMNG	2018	1,850
Kitchen Equipment (Type C)	OMNG	2018	50
ESS (171R)	OPA	2018	50
Info Sys - ISC	OPA	2018	731
Info Sys - PROP	OMNG	2018	497
		Total	3,178

CFMO Phone 801-432-4440
Number:

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1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016					
3. INSTALLATION AND LOCATION Laramie Wyoming		4. AREA CONSTRUCTION COST INDEX .97					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Cheyenne, WY	50.00 miles JFRC	12,593 m2 (135,552 SF)	2010			
ARNG	Cheyenne, WY	50.00 miles CST Ready Building	2,088 m2 (22,479 SF)	1980			
ARNG	Cheyenne, WY	50.00 miles Readiness Center	2,670 m2 (28,740 SF)	1966			
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>			
17180	NATIONAL GUARD READINESS	9,444 m2 (101,650 SF)	21,000	OCT 2014 OCT 2016			
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.				02 APR 2015 (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>(\$000)</u>			
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			1,872				
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 07 DEC 2015							
	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	20	4	16	0	160	18	142
ACTUAL	12	2	8	2	140	9	131
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(TRP TROOP CMD)	W79DAA	46761	NGW79DAA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
(CO ENG SPT CO (RECAP))	WY2FAA	20515	05419RNG53	30	11		
(DET PUBLIC AFFAIRS DE)	WX9BAA	34502	45500GNG22	120	120		
RECRUITING/RETENTION (BN WYOMING RE	W91M08		NGW91MAA	8	7		
				2	2		
				160	140		
Assigned/Authorized: 88%							

1. COMPONENT ARNG	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2016
3. INSTALLATION AND LOCATION Laramie Wyoming		4. AREA CONSTRUCTION COST INDEX .97
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	61	62
TRAILERS	24	24
TRACKED	6	6
EQUIPMENT > 30 FT	23	23
Fuel Truck	0	0
HET	0	0
TOTALS	114	115
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Laramie Wyoming				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86780 560084		8. PROJECT COST (\$000) Approp 21,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						20,440
17180 Readiness Center		m2 (SF)	5,420 (58,342)		2,544	(13,786)
44224 Unheated Storage Building		m2 (SF)	413.05 (4,446)		1,259	(520)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,259	(35)
44240 Flammable Materials Facility		m2 (SF)	9.29 (100)		1,335	(12)
44263 Unheated Encl/Shed-TP Vhcl Strg		m2 (SF)	3,573 (38,462)		1,284	(4,587)
Total from Continuation page(s)						(1,500)
SUPPORTING FACILITIES						3,389
Electric Service		LS	--		--	(83)
Water, Sewer, Gas		LS	--		--	(167)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,294)
Storm Drainage		LS	--		--	(750)
Site Imp(408) Demo()		LS	--		--	(408)
Information Systems		LS	--		--	(69)
Antiterrorism Measures		LS	--		--	(180)
Other		LS	--		--	(438)
ESTIMATED CONTRACT COST						23,829
CONTINGENCY (5.00%)						1,191
SUBTOTAL						25,020
SUPV, INSP & OVERHEAD (3.49%)						873
DESIGN/BUILD-DESIGN COST (4.00%)						1,001
TOTAL REQUEST						26,894
State Share						1,345
Other Non-DoD Component Share						4,551
TOTAL FEDERAL REQUEST						20,998
TOTAL FEDERAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						(1,975)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Unheated Unit Storage Building, Unheated Motor Vehicle Storage Building, Backup/Emergency Generator, Overhead Protection for Wash Rack, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility and Electric Power, Photovoltaic. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project is exempt from the Army 1 SQ FT for 1 SQ FT disposal policy. Disposal of 1 building at Cody Readiness Center, WY (Total 1,638 m2/17,629 SF), 3 buildings at Camp Guernsey Maneuver						

1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Laramie Wyoming				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86780 560084		8. PROJECT COST (\$000) Approp 21,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Parking, Paved		m2 (SY)	1,840 (2,201)		98.07	(180)
14955 Over Head protection/veh wash		EA	1 --		720,000	(720)
81122 Electric Power, Photovoltaic		EA	1 --		50,000	(50)
Sustainability/Energy Measures		LS	--		--	(400)
					Total	1,500
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
Training Ctr-Heavy, WY (Total 104 m2/1,118 SF), and 1 building at Laramie Readiness Center, WY (Total 2,936 m2/31,599 SF). Air Conditioning (Estimated 700 kW/199 Tons).						
11. REQ: 9,444 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 101,650 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the WYARNG. This facility will be built on State Land. (Current Mission)						
REQUIREMENT: This facility is designed to meet the full requirements of all Wyoming Army National Guard elements to be stationed at this site, to include: 133 ENG CO (WY2FAA), 94th Troop Command (W79DAA), 197th Public Affairs Det. (WX9BAA), and WY Recruiting and Retention Det. (W91M08). The current utilization rate of existing facilities is 188%. New construction is required to provide adequate administrative, training, maintenance and storage facilities for assigned units.						
CURRENT SITUATION: This project is critical to the state of Wyoming due to the current situation of the facility is undersized and the City of Laramie has denied requests for addition/alteration construction activities at the current site. The WY Adjutant General has determined that the re-stationing of assigned units away from this area would be disadvantageous to the WYARNGs mission accomplishment, as well as recruiting and retention of the WYARNG force.						
The State of Wyoming has conducted a preliminary design on this project and is currently at 35 % Design.						
The site for this project is in the possession of the state of Wyoming.						
Currently, the state of Wyoming has begun the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1959.						
Due to inadequate space, soldiers are forced to perform Preventive Maintenance in unsafe conditions with proximity to functional areas that are not compliant with NG PAM 415-12 and do not meet required facility occupancy limits to support the number of soldiers stationed and training at the current site. The probability that risk is being taken on a daily basis was derived with these variables in mind. It is determined that the probability of an accident occurring is very "Probable". The severity was determined to						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Laramie Wyoming	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86780 560084	8. PROJECT COST (\$000) Approp 21,000
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ADDITIONAL: (CONTINUED)

ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2014
(b) Percent Complete as of January 2016.....	65
(c) Date 35% Designed.....	NOV 2015
(d) Date Design Complete.....	OCT 2016
(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.....	0
(b) All Other Design Costs.....	807
(c) Total Design Cost.....	807
(d) Contract.....	807
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2017

(5) Construction Start..... MAY 2017

(6) Construction Completion..... MAR 2019

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Laramie Wyoming	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86780 560084	8. PROJECT COST (\$000) Approp 21,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2018	1,050
Kitchen Equipment (Type C)	OMNG	2018	50
ESS (171R)	OPA	2018	50
Info Sys - ISC	OPA	2018	360
Info Sys - PROP	OMNG	2018	465
		Total	<u>1,975</u>

CFMO Phone 307-836- 760
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1. COMPONENT ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT		6. CATEGORY CODE 00000	7. PROJECT NUMBER 86771 86771		8. PROJECT COST (\$000) Approp 12,001	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						12,001
00000 Unspecified Minor Construction		LS	--		--	(12,001)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						12,001
CONTINGENCY (0.00%)						
SUBTOTAL						12,001
SUPV, INSP & OVERHEAD (0.00%)						
TOTAL REQUEST						12,001
TOTAL FEDERAL REQUEST						12,001
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Unspecified Minor Military Construction (UMMC) 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						
PROJECT: For Unspecified Minor Military Construction (UMMC) projects						
REQUIREMENT: This line item is needed to provide for Unspecified Minor Military Construction (UMMC) Program projects for which the need cannot be reasonably foreseen nor justified in time to be included in this Military Construction, Army National Guard 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.						
12. SUPPLEMENTAL DATA:						
A. Estimated Design Data:						
(1) Status:						
(a) Design Start Date.....						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Minor Construction Worldwide Various	4. PROJECT TITLE Unspecified Minor Construction
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86771 86771	8. PROJECT COST (\$000) Approp 12,001
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Percent Complete as of January 2016.....	0
(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: NO

(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 ARNG		FY 2017 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2016	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT		6. CATEGORY CODE 00000	7. PROJECT NUMBER 86772 86772		8. PROJECT COST (\$000) Approp 8,729	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						8,729
00000 Planning and Design		LS	--		--	(8,729)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						8,729
CONTINGENCY (0.00%)						
SUBTOTAL						8,729
SUPV, INSP & OVERHEAD (0.00%)						
TOTAL REQUEST						8,729
TOTAL FEDERAL REQUEST						8,729
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 ARNG facilities						
11. REQ: NONE ADQT: NONE SUBSTD: NONE						
PROJECT: Planning and design funds.						
REQUIREMENT: These funds are required to provide Planning and Design funds (P&D) for regular Army National Guard Military Construction (MCNG) and Unspecified Minor projects. Included within the design and engineering services is 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 National Guard's MCNA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used for 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 2017 program; for advancement to final design of projects in FY 2018 and for initiation of design of projects in FY 2018. The funds request for the annual planning and design requirement includes specially designs based on Army National Guard Criteria and Army regulations.						

1. COMPONENT ARNG	FY 2017 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2016
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3. INSTALLATION AND LOCATION Planning and Design Worldwide Various	4. PROJECT TITLE Planning and Design
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86772 86772	8. PROJECT COST (\$000) Approp 8,729
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Design Start Date.....
 - (b) Percent Complete as of January 2016..... 0
 - (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: NO

- (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		