

**DEPARTMENT OF THE ARMY
ARMY NATIONAL GUARD**

FISCAL YEAR (FY) 2016

**President's Budget
Submission**

MILITARY CONSTRUCTION



JUSTIFICATION DATA SUBMITTED TO CONGRESS

FEBRUARY 2015

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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 2015. 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 2016
ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Connecticut	090071	Camp Hartell READY BUILDING	11,000	11,000	C	1
		Subtotal Camp Hartell	\$ 11,000	11,000		
		* TOTAL MCNG FOR Connecticut	\$ 11,000	11,000		
Delaware	100082	Dagsboro NATIONAL GUARD VEHICLE MAINTENANCE SHOP	0	10,800	C	9
		Subtotal Dagsboro	\$ 0	10,800		
		* TOTAL MCNG FOR Delaware	\$ 0	10,800		
Florida	120173	Palm Coast NATIONAL GUARD READINESS CENTER	18,000	18,000	C	15
		Subtotal Palm Coast	\$ 18,000	18,000		
		* TOTAL MCNG FOR Florida	\$ 18,000	18,000		
Illinois	171001	Sparta BASIC 10M-25M FIRING RANGE (ZERO)	1,900	1,900	C	23
		Subtotal Sparta	\$ 1,900	1,900		
		* TOTAL MCNG FOR Illinois	\$ 1,900	1,900		
Kansas	200112	Salina AUTOMATED COMBAT PISTOL/MP FIREARMS QUALIFI	2,400	2,400	C	29
	200113	MODIFIED RECORD FIRE RANGE	4,300	4,300	C	37
		Subtotal Salina	\$ 6,700	6,700		
		* TOTAL MCNG FOR Kansas	\$ 6,700	6,700		

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2016
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STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Maryland	240173	Easton NATIONAL GUARD READINESS CENTER	13,800	13,800	C	45
		Subtotal Easton	\$ 13,800	13,800		
		* TOTAL MCNG FOR Maryland	\$ 13,800	13,800		
Nevada	320075	Reno NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD	8,000	8,000	C	53
		Subtotal Reno	\$ 8,000	8,000		
		* TOTAL MCNG FOR Nevada	\$ 8,000	8,000		
Ohio	390290	Camp Ravenna MODIFIED RECORD FIRE RANGE	3,300	3,300	C	61
		Subtotal Camp Ravenna	\$ 3,300	3,300		
		* TOTAL MCNG FOR Ohio	\$ 3,300	3,300		
Oregon	410301	Salem NATIONAL GUARD/RESERVE CENTER ADD (JFHQ)	16,500	16,500	C	69
		Subtotal Salem	\$ 16,500	16,500		
		* TOTAL MCNG FOR Oregon	\$ 16,500	16,500		
Pennsylvania	420522	Fort Indiantown Gap TRAINING AIDS CENTER	16,000	16,000	C	75
		Subtotal Fort Indiantown Gap	\$ 16,000	16,000		
		* TOTAL MCNG FOR Pennsylvania	\$ 16,000	16,000		

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STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Vermont	500079	North Hyde Park NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD	7,900	7,900	C	81
		Subtotal North Hyde Park	\$ 7,900	7,900		
		* TOTAL MCNG FOR Vermont	\$ 7,900	7,900		
Virginia	510065	Richmond NATIONAL GUARD/RESERVE CENTER BUILDING (JFH	29,000	29,000	C	87
		Subtotal Richmond	\$ 29,000	29,000		
		* TOTAL MCNG FOR Virginia	\$ 29,000	29,000		
Washington	530041	Yakima ENLISTED BARRACKS, TRANSIENT TRAINING	0	19,000	C	95
		Subtotal Yakima	\$ 0	19,000		
		* TOTAL MCNG FOR Washington	\$ 0	19,000		
Worldwide Unspecified						
		Minor Construction				
		Unspecified Minor Construction	0	15,000		101
		Subtotal Minor Construction	\$ 0	15,000		
		Planning and Design				
		Planning and Design	0	20,337		103
		Subtotal Planning and Design	\$ 0	20,337		
		* TOTAL MCNG FOR Worldwide Unspecified	\$ 0	35,337		
** ARMY NATIONAL GUARD TOTAL			\$ 132,100	197,237		

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2016
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
		Total Cost of New Mission Projects	(0)	\$ 0		
		Total Cost of Current Mission Projects	(12)	\$ 161,900		
		Total Cost of other line items	(2)	\$ 35,337		
		Total Cost of FY 2016 MCNG Projects	(16)	\$ 197,237		

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 \$197,237,000 to remain available until 30 September 2020. Provided, That of the amount appropriated, not to exceed \$20,337,000 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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SPECIAL PROGRAM CONSIDERATIONS

SEC. 2612. EXTENSION OF AUTHORIZATION OF CERTAIN FISCAL YEAR 2013 PROJECT.

(a) EXTENSION. Notwithstanding section 2002 of the Military Construction Authorization Act for Fiscal Year 2013 (Division B of Public Law 112-239; 126 Stat. 2133), the authorization set forth in the table in subsection (b), as provided in section 2601 of that Act (126 Stat. 2134), for Camp Smith, New York (Formerly Stormville, New York), shall remain in effect until 30 September 2016, or the date of the enactment of an Act authorizing funds for military construction for fiscal year 2017, whichever is later.

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

Army National Guard: Extension of 2013 Project Authorizations

State	Installation or Location	Project	Amount
New York	Camp Smith (Formerly Stormville)	Combined Support Maintenance Shop Phase 1	\$24,000,000

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**Military Construction Army National Guard, Future Years Defense Program
FY 2016- FY 2020**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB15	Change	Explanation	Proj No	Pax No
2016	2016								
2016	AZ	Queen Creek	National Guard Readiness Center	0	13,000	(13,000)	Moved 2016 to 2019, TAG request, reduced cost	2016 040035	
2016	CT	Camp Hartell	Ready Building (CST-WMD)	11,000	0	11,000	Moved 2017 to 2016	090071	85640
2016	DE	Dagsboro	National Guard Vehicle Maintenance Shop	10,800	10,800	0		100082	85623
2016	FL	Palm Coast	National Guard Readiness Center	18,000	0	18,000	Accelerated from Infrastructure Requirements Plan	120173	85401
2016	IL	Sparta	Basic 10M-25M Firing Range (Zero)	1,900	1,900	0		171001	85626
2016	KS	Salina	Automated Combat Pistol/Military Police Firearms Qualification Course	2,400	2,400	0		200112	85628
2016	KS	Salina	Modified Record Fire Range	4,300	4,300	0		200113	85629
2016	MID	Easton	National Guard Readiness Center	13,800	13,800	0		240173	85835
2016	NV	Reno	National Guard Vehicle Maintenance Shop Add/Alt	8,000	0	8,000	Moved 2017 to 2016	320075	85646
2016	NM	Alamogordo	National Guard Readiness Center Add/Alt	0	5,000	(5,000)	Appropriated in 2015	350029	
2016	OH	Camp Ravenna	Modified Record Fire Range	3,300	3,300	0		390290	85633
2016	OR	Salem	National Guard/Reserve Center Building Add/Alt (JFHQ)	16,500	15,000	1,500	Increase for Air National Guard share & rounding	410301	85635
2016	PA	Fort Indiantown Gap	Training Aids Center	16,000	16,000	0		420522	85636
2016	RI	North Smithfield	National Guard Readiness Center	0	18,000	(18,000)	440040 was exchanged for 440064 and delayed from 2016 to 2017, TAG Request	440040	
2016	VT	North Hyde Park	National Guard Vehicle Maintenance Shop Addition	7,900	0	7,900	Moved 2018 to 2016, increased cost.	500079	85650
2016	VA	Richmond	National Guard/Reserve Center Building (JFHQ)	29,000	27,000	2,000	Increase for Air National Guard share & rounding	510065	85638
2016	WA	Yakima	Enlisted Barracks, Transient Training	19,000	0	19,000	Restored Project. Was last in the FY14-18 FYDP.	530041	84607
2016	ZZZ	Various	Unspecified Minor Construction	15,000	12,734	2,266		990022	86756
2016	ZZZ	Various	Planning and Design	20,337	25,975	(5,638)		990033	86757
			Total FY 2016 Program Request	197,237	169,209	28,028			

**Military Construction Army National Guard, Future Years Defense Program
FY 2016- FY 2020**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB15	Change	Explanation	Proj No	Pax No
2017	2017								
2017	AZ	Safford	National Guard Readiness Center	0	11,000	(11,000)	Moved 2017 to 2019, TAG request, reduced cost	2017 040038	
2017	CT	Camp Hartell	Ready Building (CST-WMD)	0	11,000	(11,000)	Moved 2017 to 2016	090071	
2017	HI	Hilo	Combined Support Maintenance Shop	31,000	31,000	0		150035	85652
2017	IA	Davenport	National Guard Readiness Center	23,000	28,000	(5,000)	Reduced Cost	190025	84590
2017	KS	Fort Leavenworth	National Guard Readiness Center	29,000	0	29,000	Moved 2018 to 2017, Reduced Cost	200101	84624
2017	MD	Ellicott City	National Guard Readiness Center	19,000	16,000	3,000	Increased Cost	240149	86371
2017	MIN	Arden Hills	National Guard Readiness Center	39,000	39,000	0		270132	85825
2017	NV	Reno	National Guard Vehicle Maintenance Shop Add/Alt	0	8,000	(8,000)	Moved 2017 to 2016	320075	
2017	NH	Concord	National Guard Vehicle Maintenance Shop	10,600	10,600	0		330019	85632
2017	NH	Rochester	National Guard Vehicle Maintenance Shop	9,400	9,400	0		330425	86531
2017	NM	Las Cruces	National Guard Readiness Center	6,600	6,600	0		350141	86770
2017	OK	Ardmore	National Guard Readiness Center	22,000	22,000	0		400601	86761
2017	PA	York	National Guard Readiness Center	9,300	0	9,300	Accelerated from Infrastructure Requirements Plan	420354	85506
2017	RI	East Greenwich	National Guard/Reserve Center Building (JFHQ)	18,000	0	18,000	440040 was exchanged for 440064 and delayed from 2016 to 2017, TAG Request	440064	86401
2017	UT	Camp Williams	National Guard Readiness Center	37,000	37,000	0		490601	85648
2017	WA	Olympia	National Guard Readiness Center	31,000	31,000	0		530129	85651
2017	WY	Guernsey	General Instruction Building (RTI)	0	31,000	(31,000)	Removed	560060	
2017	ZZZ	Various	Unspecified Minor Construction	12,000	12,989	(989)		990022	86771
2017	ZZZ	Various	Planning and Design	15,574	19,686	(4,112)		990033	86772
			Total FY 2017 Program Request	312,474	324,275	-11,801			

**Military Construction Army National Guard, Future Years Defense Program
FY 2016- FY 2020**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB15	Change	Explanation	Proj No	Pax No
2018	2018								
2018	AK	Joint Base Elmendorf-Richardson	2018 Administrative Building, General Purpose (USFPO)	27,000	0	27,000	Moved 2019 to 2018	2018 020143	85622
2018	DE	New Castle	Combined Support Maintenance Shop	36,000	36,000	0		100040	85641
2018	KS	Fort Leavenworth	National Guard Readiness Center	0	33,000	(33,000)	Moved 2018 to 2017, Reduced Cost	200101	
2018	ME	Portland	National Guard Readiness Center	17,500	17,500	0		230052	85655
2018	MT	Malta	National Guard Readiness Center	15,000	14,800	200	Increased Cost	300031	85656
2018	NE	Mead	National Guard Readiness Center	29,000	29,000	0		310102	85645
2018	NH	Pembroke	National Guard Readiness Center	12,000	0	12,000	Moved 2019 to 2018	330043	85474
2018	VT	North Hyde Park	National Guard Vehicle Maintenance Shop Addition	0	7,000	(7,000)	Moved 2018 to 2016, increased cost.	500079	
2018	WY	Laramie	National Guard Readiness Center	21,000	22,000	(1,000)	Reduced Cost	560084	86780
2018	ZZZ	Various	Unspecified Minor Construction	12,000	12,000	0		990022	86773
2018	ZZZ	Various	Planning and Design	16,271	21,330	(5,059)		990033	86774
			Total FY 2018 Program Request	185,771	192,630	-6,859			

**Military Construction Army National Guard, Future Years Defense Program
FY 2016- FY 2020**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB15	Change	Explanation	Proj No	Pax No
2019	2019								
2019	AL	Foley	National Guard Readiness Center	12,000	12,000	0		2019 010908	85380
2019	AK	Joint Base Elmendorf-Richardson	Administrative Building, General Purpose (USFPO)	0	27,000	(27,000)	Moved 2019 to 2018	020143	
2019	AZ	Queen Creek	National Guard Readiness Center	9,800	0	9,800	Moved 2016 to 2019, TAG request, reduced cost	040035	84656
2019	AZ	Safford	National Guard Readiness Center	8,300	0	8,300	Moved 2017 to 2019, TAG request, reduced cost	040038	85639
2019	CO	Fort Carson	National Guard Readiness Center	0	16,500	(16,500)	Removed	080115	
2019	ID	Orchard Training Area	Digital Air/Ground Integration Range	22,000	22,000	0		160176	85669
2019	MIN	New Ulm	National Guard Vehicle Maintenance Shop	11,200	0	11,200	Accelerated from Infrastructure Requirements Plan	270203	85448
2019	MS	Camp Shelby	Simulator Bldg (Non-Motion) Ph1	0	10,000	(10,000)	Removed	280230	
2019	NV	North Las Vegas	National Guard Readiness Center	32,000	32,000	0		320157	86532
2019	NH	Pembroke	National Guard Readiness Center	0	12,000	(12,000)	Moved 2019 to 2018	330043	
2019	ND	Fargo	National Guard Readiness Center	32,000	32,000	0		380116	85492
2019	PA	Moon Township	Combined Support Maintenance Shop	23,000	23,000	0		420103	85505
2019	ZZZ	Various	Unspecified Minor Construction	15,000	11,779	3,221		990022	86775
2019	ZZZ	Various	Planning and Design	18,814	10,781	8,033		990033	86776
			Total FY 2019 Program Request	184,114	209,060	-24,946			

**Military Construction Army National Guard, Future Years Defense Program
FY 2016- FY 2020**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB15	Change	Explanation	Proj No	Pax No
2020	2020		2020			0		2020	
2020	IN	Shelbyville	National Guard/Reserve Center Building Add/Alt	12,000	0	12,000	Accelerated from Infrastructure Requirements Plan	180202	86480
2020	MD	Havre De Grace	Combined Support Maintenance Shop	12,000	0	12,000	Accelerated from Infrastructure Requirements Plan	240147	85440
2020	MA	Camp Edwards	Automated Multipurpose Machine Gun (MPMG) Range	9,700	0	9,700	New Range Program Project	250194	85732
2020	MS	Jackson	National Guard Vehicle Maintenance Shop	10,400	0	10,400	Accelerated from Infrastructure Requirements Plan	280381	85452
2020	MS	Camp Shelby	Automated Multipurpose Machine Gun (MPMG) Range	9,100	0	9,100	New Range Program Project	280408	85731
2020	MO	Springfield	National Guard Readiness Center	12,000	0	12,000	Accelerated from Infrastructure Requirements Plan	290186	85457
2020	NE	North Platte	National Guard Readiness Center	9,300	0	9,300	Accelerated from Infrastructure Requirements Plan	310113	85464
2020	NH	Concord	National Guard Readiness Center	5,950	0	5,950	Accelerated from Infrastructure Requirements Plan	330050	85475
2020	OH	Columbus	National Guard/Reserve Center Building	15,000	0	15,000	Accelerated from Infrastructure Requirements Plan	390160	85495
2020	OR	Klamath Falls	Armed Forces Reserve Center Building Add	9,300	0	9,300	Accelerated from Infrastructure Requirements Plan	410306	85502
2020	SC	Summerville	National Guard Readiness Center	15,000	0	15,000	Accelerated from Infrastructure Requirements Plan	450109	85519
2020	TN	McMinnville	National Guard Readiness Center	11,200	0	11,200	Accelerated from Infrastructure Requirements Plan	470030	85525
2020	UT	Nephi	National Guard Readiness Center	12,000	0	12,000	Accelerated from Infrastructure Requirements Plan	491201	85532
2020	VA	Fort Pickett	Training Aids Center	4,550	0	4,550	New Training Program Project	510417	85727
2020	WA	Bellingham	National Guard Readiness Center	11,400	0	11,400	Accelerated from Infrastructure Requirements Plan	531201	85572
2020	WI	Appleton	National Guard Readiness Center Add/Alt	11,600	0	11,600	Accelerated from Infrastructure Requirements Plan	550148	85553
2020	ZZZ	Various	Unspecified Minor Construction	15,000	0	15,000		990022	86777
2020	ZZZ	Various	Planning and Design	22,434	0	22,434		990033	86778
			Total FY 2020 Program Request	207,934	0	207,934			

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE 02 FEB 2015			
3. INSTALLATION AND LOCATION Camp Hartell Connecticut			INSNO= 09B75	4. AREA CONSTRUCTION COST INDEX 1.18			
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	Windsor Locks, CT	1.00 miles	Aviation Facility	8,100 m2 (87,184 SF) 1952			
ANG	East Granby, CT	2.00 miles	Aviation Facility	32,455 m2 (349,340 SF) 1952			
ARNG	Enfield, CT	9.00 miles	Readiness Center	1,669 m2 (17,966 SF) 1965			
ARNG	Rockville, CT	12.00 miles	Readiness Center	1,301 m2 (13,999 SF) 1956			
ARNG	Hartford, CT	13.00 miles	Readiness Center	19,442 m2 (209,269 SF) 1906			
AR	West Hartford, CT	14.00 miles	Readiness Center	4,353 m2 (46,854 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>CMPL</u>			
14132	READY BUILDING	2,207 m2 (23,759 SF)	11,000	OCT 2013 OCT 2015			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				03 APR 2014 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY			SCOPE	COST (\$000)			
<u>CODE</u>	<u>PROJECT TITLE</u>						
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			1,280				
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 05 AUG 2014							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	0	0	0	0	22	7	15
ACTUAL	0	0	0	0	22	7	15
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(DET 14 CST (WMD))	W7LQAA	56951	NGW7LQAA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				22	22		
				22	22		
Assigned/Authorized: 100%							

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015																								
3. INSTALLATION AND LOCATION Camp Hartell Connecticut		4. AREA CONSTRUCTION COST INDEX 1.18																								
13. MAJOR EQUIPMENT AND AIRCRAFT																										
<table> <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>0</td> <td>8</td> </tr> <tr> <td>TRAILERS</td> <td>0</td> <td>4</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>0</td> <td>0</td> </tr> <tr> <td>HET</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTALS</td> <td>0</td> <td>12</td> </tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	0	8	TRAILERS	0	4	TRACKED	0	0	EQUIPMENT > 30 FT	0	0	Fuel Truck	0	0	HET	0	0	TOTALS	0	12		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																								
WHEELED	0	8																								
TRAILERS	0	4																								
TRACKED	0	0																								
EQUIPMENT > 30 FT	0	0																								
Fuel Truck	0	0																								
HET	0	0																								
TOTALS	0	12																								
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																										
<table> <thead> <tr> <th></th> <th>(\$000)</th> </tr> </thead> <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>		(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																		
	(\$000)																									
A. AIR POLLUTION	0																									
B. WATER POLLUTION	0																									
C. OCCUPATIONAL SAFETY AND HEALTH	0																									

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Camp Hartell Connecticut				4. PROJECT TITLE READY BUILDING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 14132	7. PROJECT NUMBER 85640 090071		8. PROJECT COST (\$000) Approp 11,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						8,502
14132 Ready Building		m2 (SF)	2,207 (23,759)		3,450	(7,615)
82182 Heating Plant, Solar		EA	1 --		200,000	(200)
81122 Electric Power, Photovoltaic		EA	1 --		300,000	(300)
81160 Backup/Emergency Generator		EA	1 --		147,059	(147)
85210 Org Vehicle Parking, Paved		m2 (SY)	501.68 (600)		152.43	(76)
Sustainability/Energy Measures		LS	--		--	(164)
SUPPORTING FACILITIES						1,244
Electric Service		LS	--		--	(103)
Water, Sewer, Gas		LS	--		--	(271)
Paving, Walks, Curbs And Gutters		LS	--		--	(187)
Storm Drainage		LS	--		--	(158)
Site Imp(250) Demo()		LS	--		--	(250)
Information Systems		LS	--		--	(9)
Antiterrorism Measures		LS	--		--	(140)
Other		LS	--		--	(126)
ESTIMATED CONTRACT COST						9,746
CONTINGENCY (5.00%)						487
SUBTOTAL						10,233
SUPV, INSP & OVERHEAD (3.50%)						358
DESIGN/BUILD-DESIGN COST (4.00%)						409
TOTAL REQUEST						11,000
TOTAL FEDERAL REQUEST						11,000
TOTAL FEDERAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						(887)
10. Description of Proposed Construction A specially designed National Guard Ready Building of permanent construction. The Ready Building includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Heating Plant (Solar),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 for 26 privately owned vehicles, 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 23,905 SQFT. Disposal of 6 buildings (Total 2,221 m2/23,905 SF). Air Conditioning (Estimated 208 kW/59 Tons).						
11. REQ: 2,207 m2		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: To construct a 23,759 SQFT Ready Building that supports training, administrative, and logistical requirements for the CTARNG. This facility will be built						

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Camp Hartell Connecticut			4. PROJECT TITLE READY BUILDING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 14132	7. PROJECT NUMBER 85640 090071		8. PROJECT COST (\$000) Approp 11,000

PROJECT: (CONTINUED)

on State land. (Current Mission)

REQUIREMENT: The Connecticut Army National Guard formed the 14TH Civil Support Team (UIC: W7LQAA) beginning in FY2003. This unit is comprised of twenty-two Active Guard Reserve personnel who are certified as first responders in homeland defense in the event of a nuclear, biological, chemical and explosive attack. Due to this unique 24 hour a day, 7 day a week mission, the unit has state of the art equipment and facility requirements that are new to readiness center standards for the Army, and which required the release of new military construction regulations specific to this unit. Unit equipment includes SUV-type vehicles with pre-installed communications and specialized equipment, an Analytical Laboratory System, a Unified Command Suite, and other support vehicles. These vehicles contain hyper sensitive instruments which must be stored in a temperature controlled environment and remain on constant electrical power. A portion of a 59 acre state-owned site is available for this project.

CURRENT SITUATION: This project is critical to the state of Connecticut due to the current situation of the existing facility that is currently supporting this mission is located in a converted warehouse that was built in 1964 and does not comply with NG Pam 415-12 dated DEC 2014 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with disabilities Act (ADA), Anti-terrorism Force Protection (ATFP) requirements. The current facilities lack the training area, vehicle bay space and circulation, administrative space, toilets/shower, locker room space, and separation from POV and military vehicle parking. The facility mechanical and electrical systems are original and inadequate to maintain the temperature controlled environment within the vehicle bays space and provide the required electrical power for the hyper sensitive instruments. There is no fire suppression for the protection of life and equipment and lacks fire resistant materials between the vehicle storage bays and the administrative spaces.

The State of Connecticut has conducted a preliminary design on this project and is currently at 65 % Design.

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

Currently, the state of Connecticut has completed/begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1964.

Renovation is not viable because the site has no room for expansion, no additional land is available surrounding the site, and cannot meet the ATFP standoff requirement.

Exterior masonry needs tuck-pointing. The envelope of the building is in poor condition; walls, windows, doors. Due to the age of the facility, the existing concrete roof deck is deteriorating and large pieces of the concrete have fallen in the vehicle bays resulting in possible vehicle damage and injury to personnel. Building is not current to ADA requirements.

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 02 FEB 2015																			
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5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 14132		7. PROJECT NUMBER 85640 090071		8. PROJECT COST (\$000) Approp 11,000																			
<p><u>CURRENT SITUATION: (CONTINUED)</u> High energy costs due to the age of the facility exterior envelop and out dated plumbing and mechanical systems.</p> <table border="1"> <thead> <tr> <th>Site Code</th> <th>Site UID</th> <th>Cat Code</th> <th>FACNO</th> <th>ISR-I Year</th> <th>F Rating</th> <th>Q Rating</th> <th>C Rating</th> <th>Local Name</th> </tr> </thead> <tbody> <tr> <td>09906</td> <td>3689</td> <td>14132</td> <td>00154</td> <td>2014</td> <td>F2</td> <td>Q4</td> <td>C3</td> <td>CST/WMD, AASF Storage</td> </tr> </tbody> </table> <p>Fire alarm system does not meet State code and lacks fire sprinkler system. Building does not meet Federal ADA code.</p> <p>Waiver for AT/FP requirements. Parcel of land is not large enough for proper set-back of parking and perimeter.</p> <p>The current facilities lack the training area, vehicle bay space and circulation, administrative space, toilets/shower, locker room space, and separation from POV and military vehicle parking. The facility mechanical and electrical systems are original and inadequate to maintain the temperature controlled environment within the vehicle bays space and provide the required electrical power for the hyper sensitive instruments. There is no fire suppression for the protection of life and equipment and lacks fire resistant materials between the vehicle storage bays and the administrative spaces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the unit's ability to meet its readiness and training objectives will be adversely affected if the personnel are not provided with proper facilities that are critically needed. Mission accomplishment will deteriorate without adequate space to secure expensive specialized equipment and maintain in climate controlled ready bays. Ultimately, the capability of Federal and State governments to respond to acts of homeland terrorist attacks may be compromised, as well as the untimely wear of sensitive equipment from inadequate storage.</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 during project development. This project is the only feasible option to meet the</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	09906	3689	14132	00154	2014	F2	Q4	C3	CST/WMD, AASF Storage
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1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Camp Hartell Connecticut	4. PROJECT TITLE READY BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14132	7. PROJECT NUMBER 85640 090071	8. PROJECT COST (\$000) Approp 11,000
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ADDITIONAL: (CONTINUED)
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.....	OCT 2013
(b) Percent Complete as of January 2015.....	65
(c) Date 35% Designed.....	JUN 2014
(d) Date Design Complete.....	OCT 2015
(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.....	331
(c) Total Design Cost.....	331
(d) Contract.....	331
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Camp Hartell Connecticut	4. PROJECT TITLE READY BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14132	7. PROJECT NUMBER 85640 090071	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	2017	550
ESS (171R)	OPA	2017	22
Info Sys - ISC	OPA	2017	165
Info Sys - PROP	OMNG	2017	150
		Total	<u>887</u>

CFMO Phone 860-493-2725
Number:

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015																															
3. INSTALLATION AND LOCATION Dagsboro Delaware		4. AREA CONSTRUCTION COST INDEX 1.08																															
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	Seaford, DE	22.00 miles Readiness Center 1,672 m2 (18,000 SF) 1945																															
ARNG	Seaford - Pigman, DE	23.00 miles Readiness Center 2,230 m2 (24,000 SF) 1950																															
ARNG	Georgetown, DE	13.00 miles Readiness Center 2,137 m2 (23,000 SF) 1940																															
ARNG	Bethany Beach, DE	9.00 miles Educational Facility 1,293 m2 (13,920 SF) 2014																															
7. PROJECTS REQUESTED IN THIS PROGRAM																																	
<table style="width:100%; border:none;"> <tr> <td style="width:15%;"><u>CATEGORY</u></td> <td style="width:45%;"></td> <td style="width:15%;"><u>COST</u></td> <td style="width:25%;"><u>DESIGN STATUS</u></td> </tr> <tr> <td><u>CODE</u></td> <td><u>PROJECT TITLE</u></td> <td><u>(\$000)</u></td> <td><u>START</u> <u>CMPL</u></td> </tr> <tr> <td>21407</td> <td>NATIONAL GUARD VEHICLE MA 1,502 m2 (16,166 SF)</td> <td>10,800</td> <td>JUL 2014 JUL 2015</td> </tr> </table>			<u>CATEGORY</u>		<u>COST</u>	<u>DESIGN STATUS</u>	<u>CODE</u>	<u>PROJECT TITLE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>	21407	NATIONAL GUARD VEHICLE MA 1,502 m2 (16,166 SF)	10,800	JUL 2014 JUL 2015																			
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21407	NATIONAL GUARD VEHICLE MA 1,502 m2 (16,166 SF)	10,800	JUL 2014 JUL 2015																														
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION																																	
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		22 APR 2014 (Date)																															
9. LAND ACQUISITION REQUIRED																																	
None		0 (Number of acres)																															
10. PROJECTS PLANNED IN NEXT FOUR YEARS																																	
<table style="width:100%; border:none;"> <tr> <td style="width:15%;"><u>CATEGORY</u></td> <td style="width:45%;"></td> <td style="width:15%;"><u>SCOPE</u></td> <td style="width:25%;"><u>COST</u></td> </tr> <tr> <td><u>CODE</u></td> <td><u>PROJECT TITLE</u></td> <td></td> <td><u>(\$000)</u></td> </tr> <tr> <td>NONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):</td> <td>7,085</td> <td></td> </tr> </table> <p>A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.</p>			<u>CATEGORY</u>		<u>SCOPE</u>	<u>COST</u>	<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>	NONE					DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	7,085																
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11. PERSONNEL STRENGTH AS OF 05 NOV 2014																																	
<table style="width:100%; border:none;"> <tr> <td rowspan="2"></td> <td colspan="4" style="text-align:center;"><u>PERMANENT</u></td> <td colspan="3" style="text-align:center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td style="text-align:center;"><u>TOTAL</u></td> <td style="text-align:center;"><u>OFFICER</u></td> <td style="text-align:center;"><u>ENLISTED</u></td> <td style="text-align:center;"><u>CIVILIAN</u></td> <td style="text-align:center;"><u>TOTAL</u></td> <td style="text-align:center;"><u>OFFICER</u></td> <td style="text-align:center;"><u>ENLISTED</u></td> </tr> <tr> <td>AUTHORIZED</td> <td style="text-align:center;">15</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">15</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">10</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">10</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> </table>				<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	15	0	0	15	0	0	0	ACTUAL	10	0	0	10	0	0	0
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ACTUAL	10	0	0	10	0	0	0																										
12. RESERVE UNIT DATA																																	
<table style="width:100%; border:none;"> <tr> <td style="width:45%;"></td> <td style="width:15%;"></td> <td style="width:15%;"></td> <td style="width:10%;"></td> <td colspan="2" style="text-align:center;"><u>STRENGTH</u></td> </tr> <tr> <td><u>UNIT DESIGNATION</u></td> <td><u>UIC</u></td> <td><u>TPSN</u></td> <td><u>MTOE/TDA</u></td> <td><u>AUTHORIZED</u></td> <td><u>ACTUAL</u></td> </tr> <tr> <td>FMS 05 (HQ ARNG ELMT, JFHQ-DE)</td> <td>W8AF27</td> <td></td> <td></td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> </table> <p style="text-align:right;">Assigned/Authorized: 0%</p>							<u>STRENGTH</u>		<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	FMS 05 (HQ ARNG ELMT, JFHQ-DE)	W8AF27			0	0					0	0							
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13. MAJOR EQUIPMENT AND AIRCRAFT																																	
<table style="width:100%; border:none;"> <tr> <td style="width:60%;"><u>TYPE</u></td> <td style="width:20%;"><u>AUTHORIZED</u></td> <td style="width:20%;"><u>ACTUAL</u></td> </tr> <tr> <td>WHEELED</td> <td style="text-align:center;">110</td> <td style="text-align:center;">3</td> </tr> <tr> <td>TRAILERS</td> <td style="text-align:center;">48</td> <td style="text-align:center;">1</td> </tr> <tr> <td>TRACKED</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> <tr> <td>EQUIPMENT > 30 FT</td> <td style="text-align:center;">22</td> <td style="text-align:center;">0</td> </tr> <tr> <td>Fuel Truck</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> <tr> <td>HET</td> <td style="text-align:center;">0</td> <td style="text-align:center;">0</td> </tr> <tr> <td>TOTALS</td> <td style="text-align:center;">180</td> <td style="text-align:center;">4</td> </tr> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	110	3	TRAILERS	48	1	TRACKED	0	0	EQUIPMENT > 30 FT	22	0	Fuel Truck	0	0	HET	0	0	TOTALS	180	4							
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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Dagsboro Delaware		4. AREA CONSTRUCTION INSNO= 10A10 COST INDEX 1.08						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Dagsboro Delaware				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85623 100082		8. PROJECT COST (\$000) Approp 10,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						5,747
21407 Maintenance Shop		m2 (SF)	1,502 (16,166)		3,229	(4,850)
85210 Org Vehicle Parking, Paved		m2 (SY)	1,024 (1,225)		155.48	(159)
81122 Electric Power, Photovoltaic		EA	1 --		350,000	(350)
82187 Heating Plant, Geothermal		EA	1 --		275,000	(275)
Sustainability/Energy Measures		LS	--		--	(113)
SUPPORTING FACILITIES						3,826
Electric Service		LS	--		--	(46)
Water, Sewer, Gas		LS	--		--	(194)
Paving, Walks, Curbs And Gutters		LS	--		--	(932)
Storm Drainage		LS	--		--	(1,145)
Site Imp(862) Demo(206)		LS	--		--	(1,068)
Information Systems		LS	--		--	(14)
Antiterrorism Measures		LS	--		--	(149)
Other		LS	--		--	(278)
ESTIMATED CONTRACT COST						9,573
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TOTAL REQUEST						10,800
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TOTAL FEDERAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						(636)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Heating Plant (Geothermal), 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. This project will entail a underground storm water management system that is listed in the supporting facilities. 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 20,789 SQFT. Disposal of 1 building at RIVER ROAD TRAINING SITE, DE (Total 560 m2/6,025 SF), 4 buildings at Dagsboro Readiness Center, DE (Total 675 m2/7,261 SF), and 3 buildings at Seaford Readiness Center, DE (Total 697 m2/7,503 SF). Air Conditioning (Estimated 60 kW/17 Tons).						

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3. INSTALLATION AND LOCATION Dagsboro Delaware				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP																														
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407		7. PROJECT NUMBER 85623 100082		8. PROJECT COST (\$000) Approp 10,800																												
<p>11. REQ: 1,502 m2 ADQT: NONE SUBSTD: NONE</p> <p>PROJECT: To construct 16,166 square feet of a National Guard Vehicle Maintenance Shop that supports training, administrative, and logistical requirements for the DEARNG. This project was authorized in the FY 2015 National Defense Authorization Act at \$10.8 million but no funds were appropriated for the project. The FY 2016 President's Budget submission includes a request for appropriation. This facility will be built on State land. (Current Mission)</p> <p>REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed units authorized 343 soldiers, within the transformed force structure of the DEARNG, to address facility shortages and inadequacies as defined in the ISR-I. This facility is required to support all assigned vehicles to both Field Maintenance Shop (FMS) 04 and FMS 05.</p> <p>CURRENT SITUATION: This project is critical to the state of Delaware due to the current situation of not having maintenance bays sized to accommodate the current assigned vehicles. No overhead lifting capabilities nor adequate egress lanes make maintenance operations very difficult to perform.</p> <p>The State of Delaware 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 Delaware.</p> <p>Currently, the state of Delaware has completed the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1988.</p> <p>This site has a failed Stormwater Retention Basin. This basin does not drain properly and is constantly filled with water. The water attracts geese which leave the parking areas completely covered in excrement year round. The excrement poses a risk to our Soldier's health and safety. To mitigate this risk we are constructing an underground stormwater retention system.</p> <p>This project will mitigate the excrement issue and provide all necessary space required to perform the maintenance operation mission.</p> <p>The current operating and maintenance costs for this facility are high due to the facility being on propane. Combined with there being no insulation in walls and ceiling, the operating costs are extremely high for this type of a facility.</p> <table border="1"> <thead> <tr> <th>Site Code</th> <th>Site UID</th> <th>Cat Code</th> <th>FACNO</th> <th>ISR-I Year</th> <th>F Rating</th> <th>Q Rating</th> <th>C Rating</th> <th>Local Name</th> </tr> </thead> <tbody> <tr> <td>10A65</td> <td>7207</td> <td>21407</td> <td>FMS04</td> <td>2014</td> <td>F4</td> <td>Q4</td> <td>C4</td> <td>Seaford</td> </tr> <tr> <td>10A10</td> <td>4631</td> <td>21407</td> <td>FMS05</td> <td>2014</td> <td>F4</td> <td>Q4</td> <td>C4</td> <td>Dagsboro</td> </tr> </tbody> </table> <p>The current facility does not comply with the Americans with Disability Act, ASHRAE 90.1, current National Electric Code standards.</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	10A65	7207	21407	FMS04	2014	F4	Q4	C4	Seaford	10A10	4631	21407	FMS05	2014	F4	Q4	C4	Dagsboro
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name																										
10A65	7207	21407	FMS04	2014	F4	Q4	C4	Seaford																										
10A10	4631	21407	FMS05	2014	F4	Q4	C4	Dagsboro																										

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Dagsboro Delaware	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85623 100082	8. PROJECT COST (\$000) Approp 10,800
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CURRENT SITUATION: (CONTINUED)

IMPACT IF NOT PROVIDED: If this project is not approved, the working conditions cannot be improved. The current maintenance backlog will continually increase and the supported units will decrease in their readiness posture. The current operations and maintenance costs will continue to increase and cause a burden of funding levels. The current size of these maintenance workbays do not allow the mechanic 360 degree access to the equipment. This causes the Soldier to perform work in the elements or wait until the operation can be safely performed outdoors. The privately owned vehicle lot deficiency for this installation will not be resolved and Soldiers will continue to be forced to park on the shoulder of the highway. With the installation of an underground stormwater management system this project will enable the entire unit, to include the supporting maintenance staff, to park within the site boundaries.

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 (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JUL 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	JUL 2015
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-build	

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Dagsboro Delaware	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85623 100082	8. PROJECT COST (\$000) Approp 10,800
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	326
(c) Total Design Cost.....	326
(d) Contract.....	326
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	273
Info Sys - ISC	OPA	2017	195
Info Sys - PROP	OMNG	2017	168
		Total	636

CFMO Phone 302-326-7130
Number:

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015			
3. INSTALLATION AND LOCATION Palm Coast Florida		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					
ARNG	St. Augustine, FL	35.00 miles Readiness Center 7,081 m2 (76,219 SF) 1992			
ARNG	Palatka, FL	40.00 miles Readiness Center 1,711 m2 (18,421 SF) 1958			
ARNG	Delan, FL	51.00 miles Readiness Center 1,405 m2 (15,123 SF) 1955			
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 7,126 m2 (76,708 SF)	18,000 OCT 2013 JUL 2015			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		06 FEB 2014 (Date)			
9. LAND ACQUISITION REQUIRED					
None		0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY		COST			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>			
		<u>(\$000)</u>			
NONE					
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0			
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.					
11. PERSONNEL STRENGTH AS OF 05 DEC 2014					
	PERMANENT	GUARD/RESERVE			
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>			
AUTHORIZED	45 3 42 0	260 24 236			
ACTUAL	17 3 14 0	253 25 228			
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>
HQB (BN MAMD BN)	WYKVTO		44615RNG17	128	120
BTRY D (BN MAMD BN)	WYKVD0	24401	44615RNG17	69	71
BTRY C (BN MAMD BN)	WYKVC0		44615RNG17	63	62
				260	253
Assigned/Authorized: 97%					

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Palm Coast Florida		4. AREA CONSTRUCTION COST INDEX .95
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	82	82
TRAILERS	34	34
TRACKED	0	0
EQUIPMENT > 30 FT	4	4
Fuel Truck	0	0
HET	0	0
TOTALS	120	120
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Palm Coast Florida				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85401 120173		8. PROJECT COST (\$000) Approp 18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						14,971
17180 Readiness Center		m2 (SF)	6,939 (74,686)		2,037	(14,134)
44224 Unheated Storage Building		m2 (SF)	146.04 (1,572)		1,074	(157)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,014	(28)
44240 Flammable Materials Facility		m2 (SF)	13.94 (150)		1,086	(15)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Total from Continuation page						(487)
SUPPORTING FACILITIES						1,589
Electric Service		LS	--		--	(62)
Water, Sewer, Gas		LS	--		--	(225)
Paving, Walks, Curbs And Gutters		LS	--		--	(749)
Storm Drainage		LS	--		--	(55)
Site Imp(150) Demo()		LS	--		--	(150)
Information Systems		LS	--		--	(34)
Antiterrorism Measures		LS	--		--	(147)
Other		LS	--		--	(167)
ESTIMATED CONTRACT COST						16,560
CONTINGENCY (5.00%)						828
SUBTOTAL						17,388
SUPV, INSP & OVERHEAD (3.52%)						612
TOTAL REQUEST						18,000
TOTAL FEDERAL REQUEST						18,000
TOTAL FEDERAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						(1,834)
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), Unheated Storage Building, Controlled Waste Facility, and Flammable Materials Facility. 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 100,605 SQFT. Disposal of 1 building at Daytona Beach Armed Forces Reserve Center, FL (Total 2,217 m2/23,863 SF), and 1 building at Tampa Readiness Center, FL (Total 5,125 m2/55,166 SF). Air Conditioning (Estimated 939 kW/267 Tons).						
11. REQ:		7,126 m2	ADQT:	NONE	SUBSTD:	NONE

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Palm Coast Florida				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85401 120173		8. PROJECT COST (\$000) Approp 18,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>						
85210 Org Vehicle Parking, Paved		m2 (SY)	5,100 (6,100)		37.91	(193)
Sustainability/Energy Measures		LS	--		--	(294)
					Total	487
<p><u>PROJECT:</u> To construct a 76,708 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the FLARNG. This facility will be built on State land. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is designed to meet the Department of the Army (DA) Modified Table of Organization and Equipment (MTOE) changes for the support of three Air Defense Artillery units with a required strength of 260 soldiers: WYKVT0, 1st Battalion 265th Air Defense Artillery Regiment, Headquarters/Headquarters Battalion, activation date October 1, 1988; WYKVC0, 1st Battalion 265th Air Defense Artillery Regiment, Air Defense Artillery Battery C, activation date October 1, 1988; WYKVD0 , 1st Battalion 265th Air Defense Artillery Regiment, Maintenance Detachment Company D, activation date October 11, 2011. This programmed project will provide the necessary space to supports training, administrative, and logistical requirement to the units that provide air defense for areas and installations against fixed and rotary wing aircraft, Unmanned Aerial Vehicles (UAV), and Remotely Piloted Vehicles (RPV).</p> <p>The units are currently housed in a 23,863 SQFT leased facility constructed in 1964 on a 4 acre parcel in downtown Daytona Beach. To alleviate administrative and training challenges at the facility, temporary (portables) facilities have been set up on the site and at a remote location (Deland Readiness Center). The temporary facilities (portables) include a shower and latrine trailer, two administrative trailers, and offsite MOV parking. Based on the availability of land at the current location, and the scope complexity of the work to be done, the funds available through the sustainment, restoration, and modernization (SRM) program cannot provide the relief necessary to meet the full unit requirements.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Florida due to the current situation of stationing Florida National Guard soldiers at a leased facility with deficiencies that increase the danger to the soliders health and safety. The facility was constructed in 1964, and has been determined to be structurally unfeasible for rehabilitation. The facility is located on a 4 acre parcel in downtown Daytona Beach, Florida. The Daytona Beach facility is a 49 year old former Reserve Center that was acquired by the Florida Army National Guard (FLARNG) in 1983. The facility was constructed, on a dredge spoil peninsula as part of a marina, located adjacent to the inter-coastal waterway. Consequently, the facility shows notable signs of structural damage, due to incremental settling over the past 40 years, as evidenced by increasingly visible settlement cracks along the north wall and foundation.</p> <p>The State of Florida has conducted a preliminary design on this project and is currently at 95 % Design.</p>						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Palm Coast Florida	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85401 120173	8. PROJECT COST (\$000) Approp 18,000
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CURRENT SITUATION: (CONTINUED)

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

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

The facility where the current operations are being conducted was constructed in 1964.

The indoor air quality was brought into question after black mold was identified growing throughout the facility in 2013. A Mold Assessment/Protocol Report was conducted and the documents the existence of "Black Mold" as a Life Health and Safety (LHS) concern. The LHS concerns were remediated in December of 2013, at a cost of \$125,000. It may be impossible to eliminate the reoccurrence of the Black Mold due to the physical condition of the facility, and the external environmental conditions surrounding the facility.

The FLARNG is taking steps to return the property to the City of Daytona Beach, and relocate the units to an alternate lease location. The FLARNG is taking action to enter into a lease with Flagler County at a cost of \$292,080 per year to include repayment of build-out costs in the initial 2 years. The lease will reduce to \$182,220 per year, with an annual increase of approximately 3% based on the consumer price index. An economic analysis has been completed to support the proposed move. The condition and sustainability cost to remain in the Daytona Beach facility is not feasible.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
1218R	4666	17142	20001	2014	F4	Q4	C4	Leased Space

The current facilities do not comply with NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), and lacks adequate training areas, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

The location suffers from corrosive salt air/mist all year round. This environment has had a pronounced negative effect on the masonry walls, windows, roof system, fencing, metal finishes, HVAC/Mechanical system, military vehicles, and equipment.

IMPACT IF NOT PROVIDED: If this project is not provided the units' ability to meet their readiness, training objectives, recruiting and retention will continue to be adversely affected if the personnel are not provided adequate facilities. Unit readiness is dependent in part on requirement specified with NG Pam 415-12. The lack of adequate training areas, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space specified as required space criteria contained in NG Pam 415-12 is detrimental to unit readiness. The location suffers from a

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Palm Coast Florida	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85401 120173	8. PROJECT COST (\$000) Approp 18,000
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IMPACT IF NOT PROVIDED: (CONTINUED)

lack of MOV parking, the corrosive salt air/mist has a pronounced negative effect on all the MOTE equipment, and the advanced electronics associated with the ADA Avenger Platform. Battery C/1-265th ADA had to relocate to the Deland Readiness Center 25 miles west of Daytona Beach to avoid escalating maintenance and replacement costs for the equipment. The remote MOV parking requires the unit to travel in order to fulfill sustainment training on supported MOTE equipment, and the additional travel time reduces training man hours.

The Daytona Beach (leased) facility has the following Operation and Maintenance cost projections: A five year economic analysis cost breakdown was conducted for the Daytona Beach facility list a total cost at \$1,947,150. (The breakdown includes: \$125,000 mold remediation, \$510,230 HVAC replacement, \$159,544 window replacement, \$16,576 door replacement, \$48,000 repair and seal roof, \$25,900 seal building, \$50,000 drainage. Annual maintenance \$108,780 [five year cost \$390,000].)

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 (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date..... OCT 2013

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Palm Coast Florida	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85401 120173	8. PROJECT COST (\$000) Approp 18,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Percent Complete as of January 2015.....	95
(c) Date 35% Designed.....	JUN 2014
(d) Date Design Complete.....	JUL 2015
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(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.....	997
(b) All Other Design Costs.....	565
(c) Total Design Cost.....	1,562
(d) Contract.....	1,562
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	900
Kitchen Equipment (Type C)	OMNG	2017	50
ESS (171R)	OPA	2017	54
Info Sys - ISC	OPA	2017	430
Info Sys - PROP	OMNG	2017	400
		Total	1,834

CFMO Phone Number: 904-823-0250

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION Sparta Illinois		4. AREA CONSTRUCTION COST INDEX 1.19					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 365 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Shiloh, IL	37.00 miles Readiness Center					
ARNG	Carbondale, IL	46.00 miles Readiness Center					
ARNG	East St. Louis, IL	45.00 miles Readiness Center					
		2,682 m2 (28,874 SF) 2010					
		4,535 m2 (48,818 SF) 2010					
		4,231 m2 (45,539 SF) 1952					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
<u>CODE</u> <u>PROJECT TITLE</u>		<u>DESIGN STATUS</u>					
	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>					
17801	BASIC 10M-25M FIRING RANG	3 m2 (32 FP) 1,900 JUN 2014 JAN 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.		17 APR 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u> <u>(\$000)</u>					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 02 DEC 2014							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	6	0	1	5	26	7	19
ACTUAL	6	0	1	5	29	5	24
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(CTR TRAINING CENTER I)	W910AA		NGW910AA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				26	29		
				26	29		
Assigned/Authorized: 112%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED				4	4		
TRAILERS				0	0		
TRACKED				0	0		
EQUIPMENT > 30 FT				0	0		
Fuel Truck				0	0		
HET				0	0		
TOTALS				4	4		

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Sparta Illinois		4. AREA CONSTRUCTION INSNO= 17C27 COST INDEX 1.19						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Sparta Illinois				4. PROJECT TITLE BASIC 10M-25M FIRING RANGE (ZERO)		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17801	7. PROJECT NUMBER 85626 171001		8. PROJECT COST (\$000) Approp 1,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						1,231
17801 Basis 10m-25m Firing Range (Zero		FP	32 --		5,000	(160)
17971 Range Control Tower		m2 (SF)	26.85 (289)		5,597	(150)
17122 Ammo Brkdwn Bldg		m2 (SF)	17.19 (185)		2,529	(43)
75061 Bleacher Enclosure		m2 (SF)	67.45 (726)		1,399	(94)
17804 Relocate High V Power		m (LF)	5,791 (19,000)		131.23	(760)
Sustainability/Energy Measures		LS	--		--	(24)
SUPPORTING FACILITIES						519
Electric Service		LS	--		--	(340)
Storm Drainage		LS	--		--	(36)
Site Imp(65) Demo()		LS	--		--	(65)
Antiterrorism Measures		LS	--		--	(37)
Other		LS	--		--	(41)
ESTIMATED CONTRACT COST						1,750
CONTINGENCY (5.00%)						88
SUBTOTAL						1,838
SUPV, INSP & OVERHEAD (3.37%)						62
TOTAL REQUEST						1,900
TOTAL FEDERAL REQUEST						1,900
TOTAL FEDERAL REQUEST (ROUNDED)						1,900
INSTALLED EQT-OTHER APPROP						(5)
10. Description of Proposed Construction A standard design Basic 10M-25M Firing Range (Zero) of permanent construction. The Range includes the following items that are integral to the facility; Range Control Tower, Ammunition Breakdown Building, Bleacher Enclosure, and the relocation of high voltage power lines within the surface danger area. 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 2,929 SQFT. Disposal of 1 building at Camp Lincoln Training Site, IL (Total 272 m2/2,929 SF). Air Conditioning (Estimated 11 kW/3 Tons).						
11. REQ:		32 FP	ADQT:		NONE	SUBSTD: NONE
PROJECT: To construct a 32 Firing Point Basic 10M-25M Firing Range (Zero) that supports training shot-grouping and zeroing exercises with rifles and machine guns for the ILARNG. This facility will be built on State Land. (Current Mission)						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Sparta Illinois	4. PROJECT TITLE BASIC 10M-25M FIRING RANGE (ZERO)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17801	7. PROJECT NUMBER 85626 171001	8. PROJECT COST (\$000) Approp 1,900
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IMPACT IF NOT PROVIDED: (CONTINUED)
 train on inadequate ranges, and excessive travel distances will continue to reduce limited training time, resulting in reduced training and mobilization readiness standards of the ILARNG. This range is needed to support the qualification requirements for the soldiers of the ILARNG. Currently only 50% of soldiers are able to meet this requirement during inactive duty training. The alternatives result in increased costs and loss of valuable collective training time normally reserved for other Warrior Tasks. Overall, readiness will be degraded without the addition of another range for the State of Illinois. This existing deficiency will continue to adversely affect the training for ILARNG units and their ability to meet mission essential training.
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. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.

ECONOMIC ANALYSIS: Project cost <= 2 Million --> No Economic analysis is needed.

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..... JUN 2014
 - (b) Percent Complete as of January 2015..... 35
 - (c) Date 35% Designed..... JAN 2015
 - (d) Date Design Complete..... JAN 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: YES

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Sparta Illinois	4. PROJECT TITLE BASIC 10M-25M FIRING RANGE (ZERO)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17801	7. PROJECT NUMBER 85626 171001	8. PROJECT COST (\$000) Approp 1,900
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Where Design Was Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	105
(b) All Other Design Costs.....	60
(c) Total Design Cost.....	165
(d) Contract.....	165
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2016
(5) Construction Start.....	APR 2016
(6) Construction Completion.....	OCT 2017

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	5
		Total	5

CFMO Phone 217-761-3595
Number:

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION Salina Kansas	INSNO= 20D05	4. AREA CONSTRUCTION COST INDEX .90					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 365 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Salina, KS	11.00 miles Maintenance Facility 1,115 m2 (12,000 SF) 1954					
ARNG	Salina, KS	10.00 miles Aviation Facility 1,301 m2 (14,000 SF) 1992					
ANG	Brookville, KS	3.00 miles Bombing range 1,672 m2 (18,000 SF) 1990					
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>					
17822	AUTOMATED COMBAT PISTOL/M 1 m2 (15 FP)	2,400 JUN 2014 OCT 2015					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		16 JUN 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u> <u>PROJECT TITLE</u>		<u>SCOPE</u> <u>(\$000)</u>					
17180	National Guard Readiness Center	10,650 m2 (114,632 SF) 33,000					
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		1,025					
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 03 DEC 2014							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	14	2	1	11	29	3	26
ACTUAL	14	2	1	11	29	3	26
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(CTR TRAINING CENTER K)	W911AA	56751	NGW911AA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				29	29		
				29	29		
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
WHEELED	0	0					
TRAILERS	0	0					
TRACKED	0	0					
EQUIPMENT > 30 FT	0	0					
Fuel Truck	0	0					
HET	0	0					
TOTALS	0	0					

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Salina Kansas		4. AREA CONSTRUCTION INSNO= 20D05 COST INDEX .90						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Salina Kansas				4. PROJECT TITLE AUTOMATED COMBAT PISTOL/MP FIREARMS QUALIFICATION COURSE		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17822	7. PROJECT NUMBER 85628 200112		8. PROJECT COST (\$000) Approp 2,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						1,476
17822 CPQC		FP	15 --		22,000	(330)
17971 Range Control Tower		m2 (SF)	61.04 (657)		1,399	(85)
17122 Range Ops & Strg		m2 (SF)	74.32 (800)		1,507	(112)
17122 Ammo Brkdwn Bldg		m2 (SF)	17.19 (185)		3,121	(54)
73075 Latrines		m2 (SF)	51.10 (550)		2,798	(143)
Total from Continuation page						(752)
SUPPORTING FACILITIES						733
Electric Service		LS	--		--	(150)
Water, Sewer, Gas		LS	--		--	(145)
Paving, Walks, Curbs And Gutters		LS	--		--	(31)
Storm Drainage		LS	--		--	(38)
Site Imp(95) Demo()		LS	--		--	(95)
Information Systems		LS	--		--	(85)
Antiterrorism Measures		LS	--		--	(32)
Other		LS	--		--	(157)
ESTIMATED CONTRACT COST						2,209
CONTINGENCY (5.00%)						110
SUBTOTAL						2,319
SUPV, INSP & OVERHEAD (3.49%)						81
TOTAL REQUEST						2,400
TOTAL FEDERAL REQUEST						2,400
TOTAL FEDERAL REQUEST (ROUNDED)						2,400
INSTALLED EQT-OTHER APPROP						(541)
10. Description of Proposed Construction A standard design automated Combat Pistol/Military Police Fire Arms Qualification Course of permanent construction. The Range includes the following items that are integral to the facility; Range Control Tower, Range Operation and storage building, Ammunition Breakdown Building, Latrines, Bleacher Enclosure, Range Classroom Building, Mess Shelter and Stationary Infantry Targets (SIT) emplacements. 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 4,688 SQFT. Disposal of 9 buildings at Smoky Hill Maj Training Area, KS (Total 432 m2/4,655 SF). Air Conditioning (Estimated 49 kW/14 Tons).						
11. REQ:		15 FP	ADQT:	NONE	SUBSTD:	NONE
PROJECT: To construct a 15 firing point automated Combat Pistol/Military Police						

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Salina Kansas				4. PROJECT TITLE AUTOMATED COMBAT PISTOL/MP FIREARMS QUALIFICATION COURSE		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17822	7. PROJECT NUMBER 85628 200112		8. PROJECT COST (\$000) Approp 2,400	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>						
17123 Bleacher Enclosure		m2 (SF)	67.45 (726)		1,416	(96)
17123 Range Classroom Buidng		m2 (SF)	74.32 (800)		2,207	(164)
17139 Mess Shelter		m2 (SF)	74.32 (800)		1,406	(104)
17804 SIT-Emplacements		EA	120 --		3,000	(360)
Sustainability/Energy Measures		LS	--		--	(28)
					Total	752
<u>PROJECT: (CONTINUED)</u>						
Firearms Qualification Course and 4,518 SQFT of range support structures. The project has been validated and approved by ARNG-TR. This project will be built on Federal land. (Current Mission)						
<u>REQUIREMENT:</u> This project is designed to meet the individual weapons familiarization, training, and qualification requirements of all units of the Kansas Army National Guard. This range lacks adequate range operations and control area (ROCA) facilities and is in very poor condition. This range has received validation by the Smoky Hill Major Training Area (SHMTA) Range Control Master Plan (RCMP). This project is in accordance with the Smoky Hill Major Training Area (SHMTA) Range Control Master Plan (RCMP). The 2015 Army Range Requirements Model (ARRM) report shows a total requirement of 7.0 Record Days.						
<u>CURRENT SITUATION:</u> This project is critical to the state of Kansas due to the current situation of mission readiness. The current five lane Combat Pistol Course (CPC) does not comply with TC 25-8 "Training Ranges" criteria. It is over utilized and falls well short of achieving required throughput during peak training periods. This range needs to be relocated to a common firing line with the other Smoky Hill MTA ranges safety and operational efficiency. The current Combat Pistol Range is sited behind the common firing line. Use of this range requires vacating most of the other ranges at SHMTA due to surface danger zone overlap. This facility is in poor condition and operating costs are inordinately high for such a small facility. The course has no automation, no computer scoring, and only five of the required fifteen firing points. The range configuration does not support the move-out portion of Table 5 qualification training. This range has only four of the seven required range support buildings.						
The State of Kansas has conducted a preliminary design on this project and is currently at 65 % Design.						
The site for this project is not in the possession of the state of Kansas.						
Currently, the state of Kansas has completed the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1996.						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Salina Kansas	4. PROJECT TITLE AUTOMATED COMBAT PISTOL/MP FIREARMS QUALIFICATION COURSE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17822	7. PROJECT NUMBER 85628 200112	8. PROJECT COST (\$000) Approp 2,400
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CURRENT SITUATION: (CONTINUED)

RAC score Probability Code is C (Possible to Occur in Time) is due to the lack of a common firing line. The current CPC range is located behind the firing line of the ARF and MPMG ranges. The hazard severity code is potentially catastrophic should facilities in the surface danger zone of the CPC range not be cleared prior to going hot.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
20D05	3283	17821	26756	2015	F3	Q3	C4	Smokey Hill MTA

IMPACT IF NOT PROVIDED: If this project is not provided, KSARNG units will continue to train on an obsolete and inadequate small arms range. Soldiers may be unable to adequately meet their training, qualification, and pre-mobilization requirements. The lack of ROCA support facilities degrades training effectiveness. This range cannot handle required throughput during peak periods. Use of this range restricts the use of nearly all other training venues at Smoky Hill MTA. Therefore, readiness will continue to degrade as maintenance cost continues to escalate with ongoing repair of outdated facilities.

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 no physical security measures are required.

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. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.

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..... JUN 2014

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Salina Kansas	4. PROJECT TITLE AUTOMATED COMBAT PISTOL/MP FIREARMS QUALIFICATION COURSE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17822	7. PROJECT NUMBER 85628 200112	8. PROJECT COST (\$000) Approp 2,400
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Percent Complete as of January 2015.....	65
(c) Date 35% Designed.....	NOV 2014
(d) Date Design Complete.....	OCT 2015
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	133
(b) All Other Design Costs.....	75
(c) Total Design Cost.....	208
(d) Contract.....	208
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Barricades	OMNG	2017	15
F F & E	OMNG	2017	72
Targets	OMNG	2017	427
Info Sys - ISC	OPA	2017	23
Info Sys - PROP	OMNG	2017	4
		Total	541

CFMO Phone Number: 785-274-1177

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Salina Kansas	INSNO= 20D05	4. AREA CONSTRUCTION COST INDEX .90
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 365 days/year.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
ARNG Salina, KS	11.00 miles Maintenance Facility	1,115 m2 (12,000 SF) 1954
ARNG Salina, KS	10.00 miles Aviation Facility	1,301 m2 (14,000 SF) 1992
ANG Brookville, KS	3.00 miles Bombing range	1,672 m2 (18,000 SF) 1990
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY	COST	<u>DESIGN STATUS</u>
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>
17806 MODIFIED RECORD FIRE RANG	4 m2 (48 FP)	4,300 AUG 2014 OCT 2015
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		16 JUN 2014 (Date)
9. LAND ACQUISITION REQUIRED		
None		0 (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY	SCOPE	COST
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>
17180 National Guard Readiness Center	10,650 m2 (114,632 SF)	33,000
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 998		
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 2014		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	14 2 1 11	29 3 26
ACTUAL	14 2 1 11	29 3 26
12. RESERVE UNIT DATA		
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>
<u>MTOE/TDA</u>	<u>STRENGTH</u>	
(CTR TRAINING CENTER K)	W911AA	56751
NGW911AA	<u>AUTHORIZED</u>	<u>ACTUAL</u>
	29	29
	29	29
Assigned/Authorized: 100%		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	0	0
TRAILERS	0	0
TRACKED	0	0
EQUIPMENT > 30 FT	0	0
Fuel Truck	0	0
HET	0	0
TOTALS	0	0

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Salina Kansas		4. AREA CONSTRUCTION INSNO= 20D05 COST INDEX .90						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Salina Kansas				4. PROJECT TITLE MODIFIED RECORD FIRE RANGE		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17806	7. PROJECT NUMBER 85629 200113		8. PROJECT COST (\$000) Approp 4,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						3,083
17806 MRF		FP	16 --		73,500	(1,176)
17971 Range Control Tower		m2 (SF)	61.04 (657)		3,681	(225)
17122 Range Ops & Strg		m2 (SF)	74.32 (800)		2,723	(202)
17122 Ammo Brkdwn Bldg		m2 (SF)	34.37 (370)		3,929	(135)
73075 Latrines		m2 (SF)	51.10 (550)		2,540	(130)
Total from Continuation page						(1,215)
SUPPORTING FACILITIES						876
Electric Service		LS	--		--	(200)
Water, Sewer, Gas		LS	--		--	(187)
Paving, Walks, Curbs And Gutters		LS	--		--	(33)
Storm Drainage		LS	--		--	(40)
Site Imp(234) Demo()		LS	--		--	(234)
Information Systems		LS	--		--	(37)
Antiterrorism Measures		LS	--		--	(38)
Other		LS	--		--	(107)
ESTIMATED CONTRACT COST						3,959
CONTINGENCY (5.00%)						198
SUBTOTAL						4,157
SUPV, INSP & OVERHEAD (3.44%)						143
TOTAL REQUEST						4,300
TOTAL FEDERAL REQUEST						4,300
TOTAL FEDERAL REQUEST (ROUNDED)						4,300
INSTALLED EQT-OTHER APPROP						(694)
10. Description of Proposed Construction A standard design Modified Record Fire (MRF) range (ALT) and a standard design 10-Meter/25-Meter (ZERO) range both of permanent construction. The Ranges includes the following items that are integral to the facility; Range Control Tower, Range Operation and Storage Building, Ammunition Breakdown Building, Latrines, Bleacher Enclosure, Range Classroom Building, Mess Shelter, relocation of existing tower/bleacher and Stationary Infantry Targets (SIT) emplacements. 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 4,778 SQFT. Disposal of 1 building at Hiawatha Readiness Center, KS (Total 259 m2/2,790 SF), 1 building at Marysville Readiness Center, KS (Total 18 m2/192 SF), 1 building at Smoky Hill Maj Training Area, KS (Total 45 m2/480 SF), and 4 buildings at JFHQ - KANSAS, KS (Total 122 m2/1,316 SF). Air Conditioning (Estimated 18 kW/5 Tons).						

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Salina Kansas				4. PROJECT TITLE MODIFIED RECORD FIRE RANGE		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17806	7. PROJECT NUMBER 85629 200113		8. PROJECT COST (\$000) Approp 4,300	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>						
17123 Bleacher Enclosure		m2 (SF)	67.45 (726)		2,045	(138)
17123 Range Classroom Buidng		m2 (SF)	74.32 (800)		2,500	(186)
17139 Mess Shelter		m2 (SF)	74.32 (800)		2,476	(184)
17801 10/25 Range		FP	32 --		5,000	(160)
17806 SIT Emplacements		EA	144 --		3,000	(432)
17971 Relocate Existing Tower/Bleacher		m2 (SF)	20.90 (225)		2,530	(53)
Sustainability/Energy Measures		LS	--		--	(62)
					Total	1,215
11. REQ:		48 FP	ADQT:	NONE		SUBSTD: NONE
<u>PROJECT:</u> This project will renovate and convert an existing 12-lane Automated Record Fire (MRF) range to a standard Modified Record Fire (MRF) range with scope of 16 firing points and construct a new 10-Meter/25-Meter (ZERO) range with scope of 32 firing points. This range is used to train and test individual Soldiers on the skills necessary to identify, engage, and defeat stationary infantry targets for day/night qualification requirements with the M16 and M4 series rifles. The project has been validated and approved ARNG-TR. This range will be available for use by other agencies and will be constructed on Federal land. (Current Mission)						
<u>REQUIREMENT:</u> This project is programmed to provide the full requirements of a Modified Record Fire (MRF) range with scope of 16 firing points. In conjunction, a new 10/25-Meter (ZERO) range will be constructed adjacent to MRF along a common firing line with a scope of 32 firing points and range support structures. A complement of eight range support buildings will be constructed with this project. Some of the buildings are to be sited at either range. This range will support the individual weapons familiarization, training, and qualification requirements of all units of the Kansas Army National Guard. This range lacks adequate range operations and control area (ROCA) facilities and lacks required firing points. This range has received validation by the Smoky Hill Major Training Area (SHMTA) Range Control Master Plan (RCMP). The existing MRF and the 10/25 Meter ZERO ranges at Smoky Hill MTA are heavily used. The 2015 Army Range Requirements Model (ARRM) report calculates a total requirement of 22 Record Days for the MRF range and 64.5 Record Days for the 10/25 Meter ZERO range.						
<u>CURRENT SITUATION:</u> This project is critical to the state of Kansas due to the current situation of mission readiness. The facilities currently supporting this mission do not comply with TC 25-8 "Training Ranges" criteria. The current range lacks adequate ROCA facilities, is undersized with only 12 firing positions, and has an obsolete tower. It lacks required automation to meet current standards and the SITs and range wiring need upgrades. Operating costs are high due to the age and condition of range facilities. This project is a renovation of the existing, substandard Automated Record Fire Range.						
The State of Kansas has conducted a preliminary design on this project and is currently at 65 % Design.						

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 02 FEB 2015																			
3. INSTALLATION AND LOCATION Salina Kansas				4. PROJECT TITLE MODIFIED RECORD FIRE RANGE																					
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17806		7. PROJECT NUMBER 85629 200113		8. PROJECT COST (\$000) Approp 4,300																			
<p><u>CURRENT SITUATION: (CONTINUED)</u> 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. The facility where the current operations are being conducted was constructed in 1990. RAC score Probability Code is C (Possible to Occur in Time) is due to the lack of a common firing line with the current Zero range located behind the firing line of the ARF and MPMG ranges. The hazard severity code is potentially catastrophic should facilities in the surface danger zone of the Zero range not be cleared prior to going hot.</p> <table border="1"> <thead> <tr> <th>Site Code</th> <th>Site UID</th> <th>Cat Code</th> <th>FACNO</th> <th>ISR-I Year</th> <th>F Rating</th> <th>Q Rating</th> <th>C Rating</th> <th>Local Name</th> </tr> </thead> <tbody> <tr> <td>20D05</td> <td>3283</td> <td>17805</td> <td>26754</td> <td>2014</td> <td>F3</td> <td>Q1</td> <td>C4</td> <td>Smokey Hill MTA</td> </tr> </tbody> </table> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, KSARNG units will continue to train on an archaic and undersized Automated Record Fire range and an aging 10-Meter/25-Meter (ZERO) that lacks an operations building, classroom, and latrine. The existing 12-lane ARF range cannot handle required throughput during peak periods and the operations and maintenance cost is escalating rapidly due to ageing facilities. By not moving the 10-Meter/25-Meter (ZERO) to the common firing line, training efficiency is seriously impaired at the Smoky Hill MTA due to the requirement to vacate other venues. KSARNG Soldiers find it increasingly difficult to fulfill their training, qualification, and pre-mobilization requirements. Therefore, readiness will be degraded.</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 no physical security measures are required.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> 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. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.</p> <p><u>ECONOMIC ANALYSIS:</u> An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has not been considered for joint use potential. The facility will not be available for use by other components.</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	20D05	3283	17805	26754	2014	F3	Q1	C4	Smokey Hill MTA
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name																	
20D05	3283	17805	26754	2014	F3	Q1	C4	Smokey Hill MTA																	

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Salina Kansas	4. PROJECT TITLE MODIFIED RECORD FIRE RANGE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17806	7. PROJECT NUMBER 85629 200113	8. PROJECT COST (\$000) Approp 4,300
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	AUG 2014
(b) Percent Complete as of January 2015.....	65
(c) Date 35% Designed.....	NOV 2014
(d) Date Design Complete.....	OCT 2015
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	237
(b) All Other Design Costs.....	134
(c) Total Design Cost.....	371
(d) Contract.....	371
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	158
Targets	OMNG	2017	504
Info Sys - ISC	OPA	2017	23
Info Sys - PROP	OMNG	2017	8
CFMO Name:	785-274-1177	Total	694
Phone Number:			

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015		
3. INSTALLATION AND LOCATION Easton Maryland	INSNO= 24A75	4. AREA CONSTRUCTION COST INDEX .99		
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 Queen Anne, MD	20.00 miles Readiness Center	1,630 m2 (17,542 SF) 1977		
ARNG Annapolis, MD	44.00 miles Readiness Center	3,718 m2 (40,023 SF) 1959		
ARNG Salisbury, MD	46.00 miles Readiness Center	3,072 m2 (33,070 SF) 1959		
7. PROJECTS REQUESTED IN THIS PROGRAM				
CATEGORY	SCOPE	COST (\$000) DESIGN STATUS START Cmpl		
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u> <u>START</u> <u>Cmpl</u>		
17180 NATIONAL GUARD READINESS	4,114 m2 (44,279 SF)	13,800 OCT 2012 OCT 2015		
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION				
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		23 APR 2014 (Date)		
9. LAND ACQUISITION REQUIRED				
None		0 (Number of acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY	SCOPE	COST (\$000)		
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>		
NONE				
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		9,139		
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 2014				
	PERMANENT	GUARD/RESERVE		
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>		
AUTHORIZED	5 0 5 0	100 5 95		
ACTUAL	5 0 5 0	99 8 91		
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>
DET 1 729TH BSC (BFSB)	WY5NA1	34958	63367RNG13	55 52
TRP B (BN RECON & SURVEILLAN)	WY5SB0	34958	17225RNG58	45 47
				100 99
Assigned/Authorized: 99%				
13. MAJOR EQUIPMENT AND AIRCRAFT				
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED	31	31		
TRAILERS	26	26		
TRACKED	0	0		
EQUIPMENT > 30 FT	4	4		
Fuel Truck	1	1		
HET	0	0		
TOTALS	62	62		

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Easton Maryland		4. AREA CONSTRUCTION INSNO= 24A75 COST INDEX .99						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Easton Maryland				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85835 240173		8. PROJECT COST (\$000) Approp 13,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						11,512
17180 Readiness Center		m2 (SF)	3,974 (42,779)		2,457	(9,764)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,238	(35)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Org Vehicle Parking, Paved		m2 (SY)	2,926 (3,500)		155.48	(455)
14179 Overhead Protection		m2 (SF)	111.48 (1,200)		731.97	(82)
Total from Continuation page						(1,026)
SUPPORTING FACILITIES						3,456
Electric Service		LS	--		--	(92)
Water, Sewer, Gas		LS	--		--	(307)
Paving, Walks, Curbs And Gutters		LS	--		--	(894)
Storm Drainage		LS	--		--	(228)
Site Imp(345) Demo(807)		LS	--		--	(1,152)
Information Systems		LS	--		--	(69)
Antiterrorism Measures		LS	--		--	(234)
Other		LS	--		--	(480)
ESTIMATED CONTRACT COST						14,968
CONTINGENCY (5.00%)						748
SUBTOTAL						15,716
SUPV, INSP & OVERHEAD (6.24%)						981
DESIGN/BUILD-DESIGN COST (4.00%)						629
TOTAL REQUEST						17,326
State Share						2,374
Other Non-DoD Component Share						1,152
TOTAL FEDERAL REQUEST						13,800
TOTAL FEDERAL REQUEST (ROUNDED)						13,800
INSTALLED EQT-OTHER APPROP						(1,195)
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), Overhead Protection Structure, Controlled Waste 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 48,555 SQFT. Disposal of 1 building at BG Louis G Smith Readiness Center, MD (Total 2,058 m2/22,154 SF), and 1 building at Towson Readiness Center, MD (Total 2,453 m2/26,401 SF).						

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 02 FEB 2015		
3. INSTALLATION AND LOCATION Easton Maryland				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180		7. PROJECT NUMBER 85835 240173		8. PROJECT COST (\$000) Approp 13,800		
9. COST ESTIMATES (CONTINUED)								
ITEM		UM (M/E)		QUANTITY		UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)								
82187 Heating Plant, Geothermal		EA		1 --		800,000	(800)	
Sustainability/Energy Measures		LS		--		--	(226)	
						Total	1,026	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)								
Air Conditioning (Estimated 503 kW/143 Tons).								
11. REQ: 4,114 m2		ADQT: NONE		SUBSTD: NONE				
PROJECT: To construct a 44,279 SF National Guard Readiness Center which supports training, administrative, and logistical requirements for the MDARNG. This facility will be built on State land. (Current Mission)								
REQUIREMENT: This facility is designed to meet DA directed MTOE changes for Troop B, 1-158th Cavalry, as well as the facility requirements of Detachment 1, 729th Brigade Support Company, consisting of vehicles and trailers, and other authorized MTOE equipment.								
CURRENT SITUATION: This project is critical to the state of Maryland due to the current situation of inadequate and improperly configured space for two equipment-dense, dual gender units. The two units are currently housed in a facility built for a single (all-male) infantry unit. The building has insufficient administrative, storage, military parking, training, maintenance and classroom space to meet the combined requirements of the tenant units. For example, it contains just 44% of required military vehicle parking, 33% of required office/administrative space, 14% of required classroom space, and 45% of required shower/latrine space. The original vault has been de-certified, and both units share a single vault, which creates over-crowding and complicates physical security.								
The State of Maryland has conducted a preliminary design on this project and is currently at 65 % Design.								
The site for this project is in the possession of the state of Maryland.								
Currently, the state of Maryland has completed the environmental assessment on this project.								
The facility where the current operations are being conducted was constructed in 1976.								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
24A75	4022	17180	00001	2014	F3	Q3	C2	BG Louis G Smith
Per ISR-I evaluation December 2014:								
- 60% of exterior doors are damaged, with pins removable from the outside.								
- No building or site security alarm systems								

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Easton Maryland				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85835 240173		8. PROJECT COST (\$000) Approp 13,800	
<p><u>CURRENT SITUATION: (CONTINUED)</u></p> <ul style="list-style-type: none"> - Kitchen: hood ventilation inoperable, no dishwasher, no bumper rails - No janitorial supply area; storage in boiler room - Exterior: gutters and downspouts are draining back into the building <ol style="list-style-type: none"> 1. ISR-I: facility is inadequately sized and improperly configured and cannot meet requirements. 2. ADA: building is not compliant; lacks handicapped accessible restroom facilities. 3. Functional areas per NG Pam 415-12: <ol style="list-style-type: none"> a. Facility lacks adequate female locker and latrine facilities. b. Half of the male locker area is converted space, not co-located with toilet and shower areas. c. Total toilet and shower space is just 40% of required net space. d. Kitchen provides only 16% of required net space. e. Single classroom provides less than 18% of required net space. f. Administrative space provides just 36% of required net space. g. Climate-controlled storage (including vault) is less than 45% of required space. h. MOV parking is just 46% of required space. i. No Family Readiness office. j. No Maintenance Training Bay. k. No multi-purpose training room. k. No break room/vending area. <p><u>IMPACT IF NOT PROVIDED:</u> If not provided, both affected units will continue to operate from inadequate and improperly configured space which cannot effectively support unit administration, soldier training and equipment storage. Inadequate locker space will require 10-20 female soldiers to store individual equipment offsite. Lack of a maintenance training bay negatively impacts maintenance training and materiel readiness (R-level). The single vault requires both units to share vault space, complicating physical security procedures. A 400 SF area was converted to provide an orderly room for the maintenance detachment; this area lacks private offices, complicating the exercise of leader functions. Continued use of obsolete and under-sized facilities negatively impacts both units' ability to train on and maintain equipment, with an adverse impact soldier and unit readiness for both federal deployments and state civil support missions. A lack suitably sized and configured space leads to overuse, deteriorating the facility more quickly and reducing the useful life of the structure. Lack of space to support training leads to scheduling complications, and overall increased travel costs to train at alternative sites. The significant lack of space for organizational and individual equipment storage in Easton, along with inadequate MOV operational and storage space, decreases the efficacy of equipment inventories and maintenance operations, negatively impacting material readiness (R-level) and increasing the potential for equipment losses (i.e., reduced S-level).</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>						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Easton Maryland	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85835 240173	8. PROJECT COST (\$000) Approp 13,800
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ADDITIONAL: (CONTINUED)

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 2012
(b) Percent Complete as of January 2015.....	65
(c) Date 35% Designed.....	NOV 2013
(d) Date Design Complete.....	OCT 2015
(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.....	509
(c) Total Design Cost.....	509
(d) Contract.....	8
(e) In-house.....	501

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

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Easton Maryland	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85835 240173	8. PROJECT COST (\$000) Approp 13,800
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

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

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	570
Kitchen Equipment (Type C)	OMNG	2017	50
ESS (171R)	OPA	2017	54
Info Sys - ISC	OPA	2017	302
Info Sys - PROP	OMNG	2017	219
		Total	1,195

CFMO Phone Number: 410-576-6067

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION Reno Nevada		4. AREA CONSTRUCTION COST INDEX 1.16					
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							
USN	Stead, NV 2.00 miles Center	3,346 m2 (36,014 SF) 1972					
ARNG	Stead, NV 2.00 miles Center	4,199 m2 (45,200 SF) 1968					
ARNG	Reno, NV 15.00 miles Readiness Center	1,101 m2 (11,851 SF) 1971					
ANG	Reno, NV 15.00 miles Base	41,887 m2 (450,871 SF) 1975					
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>					
21407	NATIONAL GUARD VEHICLE MA 1,883 m2 (20,272 SF)	8,000 FEB 2014 OCT 2015					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		05 MAR 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		8,600					
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 24 DEC 2014							
PERMANENT				GUARD/RESERVE			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	44	0	0	44	0	0	0
ACTUAL	44	0	0	44	0	0	0
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>		
FMS 02 (EQP NV ARNG FLD MAINT)	W8SR02			0	0		
				0	0		
						Assigned/Authorized:	0%
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
WHEELED	340	4					
TRAILERS	102	0					
TRACKED	0	0					
EQUIPMENT > 30 FT	64	0					
Fuel Truck	8	0					
HET	0	0					
TOTALS	514	4					

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Reno Nevada		4. AREA CONSTRUCTION COST INDEX 1.16						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Reno Nevada				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD/ALT		
5. PROGRAM ELEMENT 0505896a		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85646 320075		8. PROJECT COST (\$000) Approp 8,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						6,257
21407 Maintenance Shop Addition		m2 (SF)	1,261 (13,574)		3,778	(4,764)
21407 Maintenance Shop Alteration		m2 (SF)	539.02 (5,802)		793.09	(427)
21470 Bulk POL Storage		m2 (SF)	37.16 (400)		2,032	(76)
44240 Flammable Materials Facility		m2 (SF)	18.21 (196)		1,351	(25)
44228 Controlled Waste Facility		m2 (SF)	27.87 (300)		1,372	(38)
Total from Continuation page						(927)
SUPPORTING FACILITIES						1,105
Electric Service		LS	--		--	(30)
Water, Sewer, Gas		LS	--		--	(139)
Paving, Walks, Curbs And Gutters		LS	--		--	(547)
Storm Drainage		LS	--		--	(108)
Site Imp(63) Demo()		LS	--		--	(63)
Information Systems		LS	--		--	(36)
Antiterrorism Measures		LS	--		--	(129)
Other		LS	--		--	(53)
ESTIMATED CONTRACT COST						7,362
CONTINGENCY (5.00%)						368
SUBTOTAL						7,730
SUPV, INSP & OVERHEAD (3.49%)						270
TOTAL REQUEST						8,000
TOTAL FEDERAL REQUEST						8,000
TOTAL FEDERAL REQUEST (ROUNDED)						8,000
INSTALLED EQT-OTHER APPROP						(873)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop Addition/Alteration of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, Bulk POL Storage Building, Heating Plant (Geothermal), 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 will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 16,612 SQFT. Disposal of 2 buildings at South Carson Complex, NV (Total 1,543 m2/16,612 SF). Air Conditioning (Estimated 81 kW _r /23 Tons).						
11. REQ: 1,883 m2		ADQT: NONE		SUBSTD: 539 m2		

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 02 FEB 2015											
3. INSTALLATION AND LOCATION Reno Nevada				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD/ALT													
5. PROGRAM ELEMENT 0505896a		6. CATEGORY CODE 21407		7. PROJECT NUMBER 85646 320075		8. PROJECT COST (\$000) Approp 8,000											
9. COST ESTIMATES (CONTINUED)																	
ITEM		UM (M/E)		QUANTITY		UNIT COST	COST (\$000)										
<u>PRIMARY FACILITY (CONTINUED)</u>																	
85210 Org Vehicle Parking, Paved		m2 (SY)		2,383 (2,850)		152.43	(363)										
82187 Heating Plant, Geothermal		EA		1 --		245,098	(245)										
81122 Electric Power, Photovoltaic		EA		1 --		196,078	(196)										
Sustainability/Energy Measures		LS		--		--	(123)										
						Total	927										
<p><u>PROJECT:</u> To construct 20,272 SQFT National Guard Vehicle Maintenance Shop that supports field maintenance repair requirements to combat and tactical vehicles for the NVARNG. The site is located on State land. (Current Mission)</p> <p><u>REQUIREMENT:</u> TThis facility is designed to maintain surface equipment to the highest possible operational state of readiness to support training, natural disaster relief, and/or combat operations for the 889 Soldiers and 460 pieces of equipment supporting all 17 units in Elko, Winnemucca, Carlin, and Reno covering over a 300 mile radius.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Nevada due to the current situation of the existing facility not being large enough to accommodate the equipment assigned to it requiring the NVARNG to transport the equipment to Carson City which is 100 miles round trip.</p> <p>The State of Nevada has conducted a preliminary design on this project and is currently at 65 % Design.</p> <p>The site for this project is in the possession of the state of Nevada.</p> <p>Currently, the state of Nevada has completed the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1984.</p> <p>There is currently a life/health/safety issue in the lack of emergency showers.</p> <p>NVARNG sustains high fuel expenditures to move vehicles 100 miles to and from Carson City for maintenance due to limited capacity at the site.</p>																	
Site Code		Site UID		Cat Code		FACNO		ISR-I Year		F Rating		Q Rating		C Rating		Local Name	
32A84		326896		21407		FMS02		2014		F3		Q4		C4		FMS 02	
<p>The only code violation is the lack of proper emergency showers.</p> <p>This facility fails to comply with current standards listed in NG Pam 415-12 dated 1 June 2011, as well as Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disabilities Act (ADA) & Anti-terrorism Force Protection</p>																	

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Reno Nevada			4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD/ALT		
5. PROGRAM ELEMENT 0505896a		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85646 320075		8. PROJECT COST (\$000) Approp 8,000
<p><u>CURRENT SITUATION: (CONTINUED)</u> (ATFP) requirements.</p> <p>Due to building layout there is poor traffic flow & insufficient storage is causing overcrowded storage areas which in turn leads to alternate/creative storage solutions that are inefficient and a safety hazard. The current facility supports all equipment (400+ pieces) in the northern part of the state including the cities of Reno, Winnemucca, Stead, Carlin, and Elko - a distance of 300 miles. Due to the limited size of the facility, over half of the supported equipment is transported 50 miles further to Carson City for maintenance (100 miles round trip). This forces our mechanics to spend several hours driving vehicles to and from Carson City instead of working on the vehicles. This puts additional strain on the maintenance facility in Carson City speeding up the life cycle of that facility and adds a substantial cost in man hours and operating dollars for the current facility. The movement of equipment along the 100 mile trip on a routine basis increases the risk factor for our Soldiers and equipment, while also further limiting the facility's ability to accomplish its mission as personnel are busy transporting equipment, not maintaining it.</p> <p>Expanding this maintenance shop will save man hours lost and reduce the chance of accidents caused by transporting vehicle to Carson City and save wear and tear on the vehicles.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the NVARNG mechanics will be required to continue transporting vehicles to the Carson City FMS. The current facility is too small and outdated to support the 13 units (with over 400 pieces of equipment). This addition/alteration to the current facility will remove the need for a 100-mile round trip to the closest FMS in Carson City. By cutting this unnecessary travel requirement, the NVARNG will save valuable OPTEMPO dollars and training hours.</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 during project development. This project is the only feasible option to meet the requirement.</p>					

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Reno Nevada	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD/ALT
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5. PROGRAM ELEMENT 0505896a	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85646 320075	8. PROJECT COST (\$000) Approp 8,000
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ADDITIONAL: (CONTINUED)

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has not been considered for joint use potential. This facility will not be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	FEB 2014
(b) Percent Complete as of January 2015.....	65
(c) Date 35% Designed.....	OCT 2014
(d) Date Design Complete.....	OCT 2015
(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.....	442
(b) All Other Design Costs.....	250
(c) Total Design Cost.....	692
(d) Contract.....	692
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Reno Nevada	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD/ALT
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5. PROGRAM ELEMENT 0505896a	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85646 320075	8. PROJECT COST (\$000) Approp 8,000
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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	2017	400
Info Sys - ISC	OPA	2017	244
Info Sys - PROP	OMNG	2017	229
Total			873

CFMO Phone 775-887-7285
Number :

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION Camp Ravenna Ohio		4. AREA CONSTRUCTION COST INDEX .97					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 365 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Youngstown, OH	12.00 miles Readiness Center 3,590 m2 (38,644 SF) 1977					
ARNG	Alliance, OH	20.00 miles Readiness Center 1,550 m2 (16,689 SF) 1976					
ARNG	Chagrin Falls, OH	25.00 miles Readiness Center 1,244 m2 (13,392 SF) 1956					
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>					
17806	MODIFIED RECORD FIRE RANG 1 m2 (16 FP)	3,300 OCT 2014 OCT 2015					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		12 JUN 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u> <u>PROJECT TITLE</u>		<u>SCOPE</u> <u>(\$000)</u>					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0							
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 05 DEC 2014							
	PERMANENT		GUARD/RESERVE				
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	2	0	2	0	41	10	31
ACTUAL	0	0	0	0	44	8	36
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>	
(CTR TRAINING CENTER O)		W92FAA		NGW92FAA	41	44	
					41	44	
Assigned/Authorized: 107%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED				0	0		
TRAILERS				0	0		
TRACKED				0	0		
EQUIPMENT > 30 FT				0	0		
Fuel Truck				0	0		
HET				0	0		
TOTALS				0	0		

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Camp Ravenna Ohio		4. AREA CONSTRUCTION COST INDEX .97						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Camp Ravenna Ohio				4. PROJECT TITLE MODIFIED RECORD FIRE RANGE		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17806	7. PROJECT NUMBER 85633 390290		8. PROJECT COST (\$000) Approp 3,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						2,179
17806 Modified Record Fire (MRF) Range		FP	16 --		36,875	(590)
17971 Range Control Tower		m2 (SF)	61.04 (657)		5,382	(329)
17122 Range Ops & Strg		m2 (SF)	74.32 (800)		2,110	(157)
17122 Ammo Brkdwn Bldg		m2 (SF)	22.30 (240)		3,422	(76)
73075 Latrines		m2 (SF)	30.66 (330)		3,520	(108)
Total from Continuation page						(919)
SUPPORTING FACILITIES						860
Electric Service		LS	--		--	(404)
Storm Drainage		LS	--		--	(81)
Site Imp(239) Demo()		LS	--		--	(239)
Information Systems		LS	--		--	(69)
Antiterrorism Measures		LS	--		--	(28)
Other		LS	--		--	(39)
ESTIMATED CONTRACT COST						3,039
CONTINGENCY (5.00%)						152
SUBTOTAL						3,191
SUPV, INSP & OVERHEAD (3.42%)						109
TOTAL REQUEST						3,300
TOTAL FEDERAL REQUEST						3,300
TOTAL FEDERAL REQUEST (ROUNDED)						3,300
INSTALLED EQT-OTHER APPROP						(639)
10. Description of Proposed Construction A standard designed Modified Record Fire (MRF) Range of permanent construction. The Range includes the following items that are integral to the facility; Range Control Tower, Range Operation and Storage Building, Ammunition Breakdown Building, Latrines, Bleacher Enclosure, Range Classroom Building, Mess Shelter, and Stationary Infantry Targets (SIT) emplacements. 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, 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 4,860 SQFT. Disposal of 1 building at Eaton Readiness Center, OH (Total 1,307 m2/14,069 SF). Air Conditioning (Estimated 11 kW/3 Tons).						
11. REQ:		16 FP	ADQT:	NONE	SUBSTD:	NONE
PROJECT: To construct a 16-Lane Modified Record Fire (MRF)Range with 4,298 SF of range						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Camp Ravenna Ohio	4. PROJECT TITLE MODIFIED RECORD FIRE RANGE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17806	7. PROJECT NUMBER 85633 390290	8. PROJECT COST (\$000) Approp 3,300
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
17123 Bleacher Enclosure	m2 (SF)	67.45 (726)	1,345	(91)
17123 Range Classroom Buidng	m2 (SF)	74.32 (800)	2,695	(200)
17139 Mess Shelter	m2 (SF)	74.32 (800)	1,119	(83)
17806 SIT - Emplacements	EA	144 --	3,500	(504)
Sustainability/Energy Measures	LS	--	--	(41)
			Total	919

PROJECT: (CONTINUED)

support structures, for the OHARNG to train and test individuals on the skills necessary to detect, identify, engage, and defeat stationary infantry targets (SITs) in a tactical array. This range has been validated by ARNG-TRS. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: This project is required to support individual weapons familiarization and qualification requirements for the M16 and M4 rifle. This range combines the capabilities of the automated field fire (17803) and automated record fire (17805) to reduce land and maintenance requirements and increase efficiencies. The range will be used to train and test Soldiers on the skills necessary to zero, detect, identify, engage, and defeat stationary infantry targets in a tactical array; to satisfy the training and qualification requirements as outlined in TC 25-8. This range is supported by the Army Range Requirements Model (ARRM) with a delta of -.04, and has received the training validation letter from ARNG-TRS.

CURRENT SITUATION: This project is critical to the state of Ohio due to the current situation of Ohio Army National Guard (OHARNG) Soldiers utilize the MRF range at Camp Perry (CPJTC); however, the majority of OHARNG Soldiers drill at Readiness Centers located over 120 miles away. The present location where training is being conducted severely impacts readiness due to a host of issues; It does not have the required number of lanes, there is a boat marina in the range fan that prevents firing in good weather and requires patrol boats during use. There are no ROCA assets to support operations. For Soldiers to receive the realism in training to meet combat training objectives the Soldier must travel a distance greater than 6 hours to the next closest DOD facility that has a MRF Range. The OHARNG currently has a deficit of MRF ranges for the state. The range will be an additional asset.

The State of Ohio 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 Ohio.

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

There currently is no facility to complete the mission.

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Camp Ravenna Ohio	4. PROJECT TITLE MODIFIED RECORD FIRE RANGE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17806	7. PROJECT NUMBER 85633 390290	8. PROJECT COST (\$000) Approp 3,300
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CURRENT SITUATION: (CONTINUED)
The reason for the RAC Score is that this project will mitigate the event of not having a Modified Record Fire Range to train the Soldiers of the OHARNG while at CRJMTC. Since currently there is not a MRF Range to accomplish the training objectives, the lack of a facility has a "LIKELY" effecting on training. The result of not having the range facility will cause a "MAJOR" threat to the safety and well being of the Soldiers of the OHARNG and other Soldiers that will train at CRJMTC.

The Life/Health/Safety issues are currently due to the distance that Soldiers have to commute from the duty station to a MRF Range. Soldiers are driving over 12 hours in a weekend in military vehicles to conduct range qualification at CPJTC. This causes Soldiers addition fatigue that can be catastrophic. CPJTC is the only MRF Range in Ohio and with the high volume of units on this range, causes Soldiers to qualify in inclement weather. The range is on Lake Erie, which has dramatic lake effects weather conditions and cause unnecessary dangers to Soldiers.

There are significant costs associated with transportation of Soldiers to CPJTC to utilize Ohio's only MRF Range. The locality of CPJTC requires Soldiers to drive additional time across the state in order to qualify on their weapons and with the limited time units have with their Soldiers; this eliminates two days of training. The current location causes over 50+ companies to take commercial busses costing each company \$10,000 on average.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
39D75	4280	17806	R5200	2014	F2	Q3	C4	Camp Perry CTC

There are no current code violations at the proposed site of the range.
Waivers are required to in order to qualify Soldiers who are assigned a M16 or M4 on a non standard alternate type "C" (paper targets) course of fire on locally available Basic 10M-25M Firing Ranges designed for zeroing a rifle. Also because of the limitations of the current MRF Range simulated night and NBC fire, due to restriction on conducting night fire into Lake Erie because of visibility of the lake or when it is frozen.

Other pertinent condition of CPJTC's MRF Range requires Soldiers to drive on average 12 hours across the state in order to qualify on their weapons and eliminates two days of training.

IMPACT IF NOT PROVIDED: If this project is not provided Soldier readiness will continue to deteriorate over time. The overall readiness is currently degraded for the OHARNG due to inadequate training resources for Soldiers to be properly trained and tested on a MRF range. The nearest DOD installation with a MRF range is located at Camp Atterbury, IN and requires Soldiers to travel up to 366 miles to properly conduct the individual training requirements of the M16 or M4 rifles. These alternative locations result in increased fuel consumption, military vehicle maintenance, meals, and lodging costs. The time and effort spent traveling to these alternative locations increase the chances of an

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Camp Ravenna Ohio	4. PROJECT TITLE MODIFIED RECORD FIRE RANGE
--	--

5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17806	7. PROJECT NUMBER 85633 390290	8. PROJECT COST (\$000) Approp 3,300
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IMPACT IF NOT PROVIDED: (CONTINUED)
Army accident and results in a loss of valuable individual training time normally reserved for other Warrior Tasks.
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. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.
ECONOMIC ANALYSIS: An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy 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. The facility will not 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 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	OCT 2015
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

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

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

(a) Production of Plans and Specifications.....	182
(b) All Other Design Costs.....	103

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Camp Ravenna Ohio	4. PROJECT TITLE MODIFIED RECORD FIRE RANGE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17806	7. PROJECT NUMBER 85633 390290	8. PROJECT COST (\$000) Approp 3,300
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(c) Total Design Cost.....	285
(d) Contract.....	285
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2016
(5) Construction Start.....	APR 2016
(6) Construction Completion.....	MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	105
Targets	OMNG	2017	504
Info Sys - ISC	OPA	2017	26
Info Sys - PROP	OMNG	2017	5
		Total	639

CFMO Phone 614-336-7036
Number:

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Salem Oregon	INSNO= 41C03	4. AREA CONSTRUCTION COST INDEX 1.09
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 Salem, OR	1.00 miles Readiness Center	8,046 m2 (86,610 SF) 1988
ARNG Salem, OR	1.00 miles Maintenance Facility	1,682 m2 (18,102 SF) 1976
ARNG Salem, OR	1.00 miles Readiness Center	1,511 m2 (16,266 SF) 1954
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>
17142	NATIONAL GUARD/RESERVE CE 5,117 m2 (55,078 SF)	16,500 JUN 2014 OCT 2015
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE JOINT CONSTRUCTION.		26 JUN 2014 (Date)
9. LAND ACQUISITION REQUIRED		
None		0 (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
CATEGORY		COST
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
<u>SCOPE</u>		<u>(\$000)</u>
NONE		
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		2,760
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 05 AUG 2014		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	389 6 207 176	301 124 177
ACTUAL	389 6 207 176	301 124 177
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>
(HQ ARNG ELMT, JFHQ-OR)	W8BAAA	56751
NGW8BAAA	149	149
AIR NATIONAL GUARD TECH DA (AIR FOR	ANG001	
	22	22
OREGON (BN ARNG RECRUIT & RET)	W77740	56751
NGW777AA	27	27
(DET REGIONAL TRIAL DE)	WPR3AA	56751
27543RNG28	4	4
(HQ ARMY ELE JFHQ-OR)	W93GAA	
NGW93GAA	99	99
	301	301
Assigned/Authorized: 100%		

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Salem Oregon		4. AREA CONSTRUCTION COST INDEX 1.09
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	127	127
TRAILERS	12	12
TRACKED	8	8
EQUIPMENT > 30 FT	9	9
Fuel Truck	2	2
HET	0	0
TOTALS	158	158
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Salem Oregon				4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER ADD (JFHQ)		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 85635 410301		8. PROJECT COST (\$000) Approp 16,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						13,602
17142 NG/RC BLDG Addition		m2 (SF)	5,117 (55,078)		2,508	(12,833)
81122 Electric Power, Photovoltaic		EA	1 --		247,000	(247)
Sustainability/Energy Measures		LS	--		--	(262)
Additional ATFP		LS	--		--	(260)
SUPPORTING FACILITIES						1,230
Electric Service		LS	--		--	(79)
Water, Sewer, Gas		LS	--		--	(277)
Paving, Walks, Curbs And Gutters		LS	--		--	(46)
Storm Drainage		LS	--		--	(163)
Site Imp(401) Demo()		LS	--		--	(401)
Information Systems		LS	--		--	(55)
Antiterrorism Measures		LS	--		--	(148)
Exterior Fire Protection		LS	--		--	(61)
ESTIMATED CONTRACT COST						14,832
CONTINGENCY (5.00%)						742
SUBTOTAL						15,574
SUPV, INSP & OVERHEAD (3.53%)						550
DESIGN/BUILD-DESIGN COST (4.00%)						623
TOTAL REQUEST						16,747
Other Non-DoD Component Share						247
TOTAL FEDERAL REQUEST						16,500
TOTAL FEDERAL REQUEST (ROUNDED)						16,500
INSTALLED EQT-OTHER APPROP						(2,349)
10. Description of Proposed Construction A specially designed National Guard/Reserve Center Joint Force Headquarters (JFHQ)of permanent construction. The JFHQ includes the following items that are integral to the facility; Additional ATFP 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 and 90-400. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas for POVs 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. 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), will be provided to mitigate the threat. This project will comply with the Army 1 SQ FT for 1 SQ FT disposal policy through the disposal of 59,581 SQ FT. Disposal of 4 buildings at Camp Withycombe, OR (Total 462 m2/4,975 SF), 3 buildings at Lake Oswego Readiness Center, OR (Total 2,436 m2/26,226 SF), 2 buildings at Oregon City Readiness Center, OR (Total 1,317 m2/14,180 SF), 1 building at Maison Readiness Center, OR (Total 242 m2/2,600 SF), and 1 building at Silverton Armory, OR (Total 1,078 m2/11,600 SF). Air Conditioning (Estimated 605 kW/172						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Salem Oregon	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER ADD (JFHQ)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85635 410301	8. PROJECT COST (\$000) Approp 16,500
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
Tons).

11. REQ: 5,117 m2 ADQT: 7,103 m2 SUBSTD: NONE

PROJECT: To construct a 55,078 SQ FT addition of the existing National Guard/Reserve Center (Joint Force Headquarters) that supports training, administrative, and logistical requirements for the ORARNG. This facility will be built on State land. The ANG has a \$1,351,000 joint share for this project and the State of OR has a \$247,000 share based on state requirements. (Current Mission)

REQUIREMENT: Currently we have turned every available space in the Owen Summers Readiness center (JFHQ) and the Anderson Readiness Center a half a mile away into office space plus rent additional office space. This project will allow the ORANG to consolidate departments and open up conference rooms to their original purpose and dispose of the old Army Reserve center back to the Oregon Department of Administrative Services. This facility is designed to meet MTOE changes for the assigned units along with the functions of the Joint Force Headquarters within the transformed force structure of the Oregon National Guard. This building will provide a modern, state of the art facility to promote unit readiness, training and unit administration. State is providing funds for Electric Power, Photovoltaic renewable energy. The building is programmed for the W8BAAA Hqs Army Ele, JFHQ, G-Staff, W93GAA Hqs Army Element, JFHQ, J-Staff, AIR NATIONAL GUARD TECH, W77740 OREGON BN ARNG RECRUIT & RET, WPR3AA DET REGIONAL TRIAL DET.

CURRENT SITUATION: This project is critical to the state of Oregon due to the current situation of the existing building is 89,182 SQFT and is only 61% of the total authorized square footage. The current facility is unable to meet the requirements for the increased numbers in force structure. These facilities do not comply with the NG Pam 415-12 dated 1 June 2011 criteria. Addition is viable, by building more square footage we will eliminate overcrowding in the current building.

The State of Oregon has conducted a preliminary design on this project and is currently at 65 % Design.

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

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

The facility where the current operations are being conducted was constructed in 2002.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
41C03	3806	17142	10510	2013	F1	Q1	C3	

The readiness rating per the Infrastructure Status Report 2013 is "Green" indicating the facility is adequate for interim use but it is deficient in office space, conference, and class rooms.

IMPACT IF NOT PROVIDED: If this project is not provided, there will continue to be a deficit of administrative space to support headquarters functions for the state and

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Salem Oregon	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER ADD (JFHQ)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85635 410301	8. PROJECT COST (\$000) Approp 16,500
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IMPACT IF NOT PROVIDED: (CONTINUED)
 impact security, emergency preparedness and combat readiness. The current building is just over half the authorized size, forcing the state to split offices up and spread them out among several installations. Crowded office space will continue to impact productivity and reduce morale.

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 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..... JUN 2014
 - (b) Percent Complete as of January 2015..... 65
 - (c) Date 35% Designed..... OCT 2014
 - (d) Date Design Complete..... OCT 2015
 - (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

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Salem Oregon	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER ADD (JFHQ)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85635 410301	8. PROJECT COST (\$000) Approp 16,500
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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.....	0
(b) All Other Design Costs.....	504
(c) Total Design Cost.....	504
(d) Contract.....	504
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2016
(5) Construction Start.....	APR 2016
(6) Construction Completion.....	MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	750
ESS (171R)	OPA	2017	50
Info Sys - ISC	OPA	2017	1,186
Info Sys - PROP	OMNG	2017	362
		Total	2,349

CFMO Phone 503-584-3503
Number:

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION Fort Indiantown Gap Pennsylvania		4. AREA CONSTRUCTION COST INDEX 1.09					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 365 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
USA	New Cumberland, PA	30.00 miles Base					
		994,944 m2 (10,709,494 SF)					
USN	Mechanicsburg, PA	30.00 miles Base					
		1,987 m2 (21,390 SF)					
USA	Carlisle, PA	40.00 miles Base					
		722,152 m2 (7,773,182 SF)					
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>					
14129	TRAINING AIDS CENTER	6,535 m2 (70,343 SF) 16,000 JAN 2014 AUG 2015					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		14 AUG 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		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 05 AUG 2014							
	PERMANENT		GUARD/RESERVE				
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	1	0	0	1	129	20	109
ACTUAL	1	0	0	1	129	20	109
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>	
(CTR TRAINING CENTER P)		W92JAA	8T400	NGW92JAA	129	129	
					129	129	
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED				83	83		
TRAILERS				0	0		
TRACKED				7	7		
EQUIPMENT > 30 FT				4	4		
Fuel Truck				0	0		
HET				0	0		
TOTALS				94	94		

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION Fort Indiantown Gap Pennsylvania		4. AREA CONSTRUCTION INSNO= 42307 COST INDEX 1.09						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Fort Indiantown Gap Pennsylvania				4. PROJECT TITLE TRAINING AIDS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 14129	7. PROJECT NUMBER 85636 420522		8. PROJECT COST (\$000) Approp 16,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						13,180
14129 TAC		m2 (SF)	6,514 (70,118)		1,823	(11,873)
89123 Storage Shed		m2 (SF)	20.90 (225)		915.07	(19)
85210 Org Vehicle Parking, Paved		m2 (SY)	2,090 (2,500)		131.56	(275)
81122 Electric Power, Photovoltaic		EA	1 --		180,000	(180)
82187 Heating Plant, Geothermal		EA	1 --		575,000	(575)
Sustainability/Energy Measures		LS	--		--	(258)
SUPPORTING FACILITIES						1,541
Electric Service		LS	--		--	(30)
Water, Sewer, Gas		LS	--		--	(327)
Paving, Walks, Curbs And Gutters		LS	--		--	(189)
Storm Drainage		LS	--		--	(250)
Site Imp(395) Demo(150)		LS	--		--	(545)
Information Systems		LS	--		--	(12)
Antiterrorism Measures		LS	--		--	(94)
Other		LS	--		--	(94)
ESTIMATED CONTRACT COST						14,721
CONTINGENCY (5.00%)						736
SUBTOTAL						15,457
SUPV, INSP & OVERHEAD (3.51%)						543
TOTAL REQUEST						16,000
TOTAL FEDERAL REQUEST						16,000
TOTAL FEDERAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROP						(1,316)
10. Description of Proposed Construction A specially designed National Guard Training Aids Center (TAC) of permanent construction. The TAC includes the following items that are integral to the facility; Storage Shed, Organizational Vehicle Parking (Paved), Electric Power (Photovoltaic), 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 70,400 SQFT. Disposal of 14 buildings (Total 6,540 m2/70,400 SF). Air Conditioning (Estimated 823 kW _r /234 Tons).						
11. REQ: 6,535 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct a 70,343 SF Training Aids Center (TAC) that supports training, administration, maintenance and logistical requirements for the PAARNG. This facility will built on Federal land. (Current Mission)						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Fort Indiantown Gap Pennsylvania	4. PROJECT TITLE TRAINING AIDS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14129	7. PROJECT NUMBER 85636 420522	8. PROJECT COST (\$000) Approp 16,000
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REQUIREMENT: The TAC facility is designed to meet training support requirements for the PAARNG, neighboring ARNG units, USAR, and AC Soldiers in excess of 20,000 total Soldiers. Range Facility Management Support System (RFMSS) for each fiscal year throughput exceeds 800,000 man days. Maximum use of the existing World War II facility is predicated on the RFMSS data, while AR 5-9 and area of responsibility covered by the current Training Aids Center as detailed in the 12 April 10 Memo "Authorization to Realign AR 5-9 Training Support [Aids] Center Area of Support at Fort Indiantown Gap and Fort Dix, NJ" likewise support the facilities requirement.

CURRENT SITUATION: This project is critical to the state of Pennsylvania due to the current situation of the existing facility being used as a Training Aids Center (TAC) is a temporary WWII facility which is not adequate for its required mission at Ft Indiantown Gap (FTIG). Proposed facility will greatly enhance training of 800,000 man-days supported by FTIG each year with a modern TAC to store and issue modern simulation devices, training aids, and other equipment to conduct realistic training. PAARNG conducted a Planning and Programming Development Charette the existing facility being used as a Training Aids Center (TAC). It is a temporary WWII facility which is not adequate for its required mission at Ft Indiantown Gap (FTIG).

Existing facility currently supporting this mission was built 75 years ago is temporary and therefore not rated in ISR. It does not comply with NGB PAM 415-12, current code requirements, ADA, or ATPFP. Current facility also has mold and other Life, Health, Safety issues.

Renovation or addition/alteration is not a viable option.

The State of Pennsylvania 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 Pennsylvania.

Currently, the state of Pennsylvania 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
42307	5015	14129						No Facility

IMPACT IF NOT PROVIDED: If this project is not provided, sustainment costs and safety issues will continue to rise with the increasing age of the facilities. Without sufficient space Ft Indiantown Gap will continue to store TADSS in sea-land containers. At some point in the near future the facilities will become unsafe to use. In combination with the current facilities' space deficiencies, this will negatively impact the Unit Readiness and the quality of life for current units and their ability to meet mission essential training requirements. The site is located in the "World War II era" facilities and are classified as temporary and are not rated in the ISR; however, if they were, the

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Fort Indiantown Gap Pennsylvania	4. PROJECT TITLE TRAINING AIDS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14129	7. PROJECT NUMBER 85636 420522	8. PROJECT COST (\$000) Approp 16,000
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IMPACT IF NOT PROVIDED: (CONTINUED)
overall rating for these facilities would be RED or BLACK due to their overall poor condition.

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 (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.....	JAN 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	AUG 2015
(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.....	883

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Fort Indiantown Gap Pennsylvania	4. PROJECT TITLE TRAINING AIDS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14129	7. PROJECT NUMBER 85636 420522	8. PROJECT COST (\$000) Approp 16,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) All Other Design Costs.....	501
(c) Total Design Cost.....	<u>1,384</u>
(d) Contract.....	<u>1,384</u>
(e) In-house.....	<u>0</u>
(4) Construction Contract Award.....	<u>MAR 2016</u>
(5) Construction Start.....	<u>APR 2016</u>
(6) Construction Completion.....	<u>MAR 2017</u>

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>
ESS	OPA	2017	54
F F & E	OMNG	2017	659
Info Sys - ISC	OPA	2017	478
Info Sys - PROP	OMNG	2017	125
		Total	<u>1,316</u>

CFMO Phone 717-861-8634
Number:

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION North Hyde Park Vermont		4. AREA CONSTRUCTION COST INDEX .91					
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	Waterbury, VT	19.00 miles Readiness Center 1,047 m2 (11,273 SF) 1956					
ARNG	Berlin, VT	35.00 miles Readiness Center 1,897 m2 (20,419 SF) 1970					
ARNG	Enosburg, VT	36.00 miles Readiness Center 1,253 m2 (13,482 SF) 1960					
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>					
21407	NATIONAL GUARD VEHICLE MA	3,740 m2 (40,256 SF) 7,900 FEB 2012 NOV 2015					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		14 JUL 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		1,945					
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 05 DEC 2014							
PERMANENT				GUARD/RESERVE			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	45	0	0	45	0	0	0
ACTUAL	45	0	0	45	0	0	0
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>		
FMS 05 (EQP VT ARNG FLD MAINT)	W8T605			0	0		
				0	0		
Assigned/Authorized:							0%
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
WHEELED	244	11					
TRAILERS	104	0					
TRACKED	30	0					
EQUIPMENT > 30 FT	6	2					
Fuel Truck	15	2					
HET	0	0					
TOTALS	399	15					

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015						
3. INSTALLATION AND LOCATION North Hyde Park Vermont		4. AREA CONSTRUCTION INSNO= 50420 COST INDEX .91						
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION North Hyde Park Vermont				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85650 500079		8. PROJECT COST (\$000) Approp 7,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						6,204
21407 Maintenance Shop Addition		m2 (SF)	2,755 (29,656)		1,827	(5,034)
44263 Unheated Encl/Shed Vhcl Strg		m2 (SF)	743.22 (8,000)		861.12	(640)
44224 Enclosed Unheated Storage		m2 (SF)	241.55 (2,600)		861.11	(208)
82187 Heating Plant Geothermal		LS	--		--	(200)
Sustainability/Energy Measures		LS	--		--	(122)
<u>SUPPORTING FACILITIES</u>						1,066
Water, Sewer, Gas		LS	--		--	(49)
Paving, Walks, Curbs And Gutters		LS	--		--	(569)
Storm Drainage		LS	--		--	(115)
Site Imp(186) Demo()		LS	--		--	(186)
Information Systems		LS	--		--	(11)
Antiterrorism Measures		LS	--		--	(62)
Loading Dock		LS	--		--	(74)
ESTIMATED CONTRACT COST						7,270
CONTINGENCY (5.00%)						364
SUBTOTAL						7,634
SUPV, INSP & OVERHEAD (3.48%)						266
TOTAL REQUEST						7,900
TOTAL FEDERAL REQUEST						7,900
TOTAL FEDERAL REQUEST (ROUNDED)						7,900
INSTALLED EQT-OTHER APPROP						(684)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop Addition of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Unheated Enclosed/Shed Vehicle Storage, Enclosed Unheated Storage, 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, supression, 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 41,249 SQFT. Disposal of 2 buildings at So Burlington Readiness Center, VT (Total 405 m2/4,360 SF), 1 building at Ethan Allen Range Training Site, VT (Total 167 m2/1,800 SF), 1 building at Gosse Court Readiness Center, VT (Total 2,065 m2/22,226 SF), and 3 buildings at St Albans Field Maintenance Shop 6, VT (Total 1,195 m2/12,863 SF). Air Conditioning (Estimated 169 kW/48 Tons).						
11. REQ:		3,740 m2	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT		FY 2016 MILITARY CONSTRUCTION PROJECT DATA				2. DATE	
ARNG						02 FEB 2015	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
North Hyde Park Vermont				NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
0505896A		21407		85650 500079		Approp 7,900	

PROJECT: To construct a 40,256 SQFT National Guard Vehicle Maintenance Shop Addition that supports field maintenance shops to repair combat and tactical vehicles for the VTARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This facility is designed to meet maintenance readiness requirements for the supported units of the 86th IBCT (MTN). This project is needed to replace two shops from the 1950's which are less than 6,000 SQFT. This project will improve ISR, safety, and equipment readiness.

CURRENT SITUATION: This project is critical to the state of Vermont due to the current situation of the combined existing shops fall short of the required space by nearly 30,000 sf. Due to the shortage of space on existing lots, renovating the existing buildings would not be feasible. Currently, units are supported by facilities greater than 30 miles further due to inadequate space and ability of the current facilities.

The State of Vermont 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 Vermont.

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

The facility where the current operations are being conducted was constructed in 1957.

No changing room, no showers, no lifting devices, vehicle exhaust system does not meet requirements, lack of storage areas create crowding and fire hazards. Exterior lighting is inadequate, not ADA compliant, inadequate number of latrines, no central fire alarm

The current facility is not energy efficient. Additional travel time and distance costs for vehicles that cannot be serviced at current facilities (ie. 60 miles round trip to the nearest adequate shop.)

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
50A87	7375	21407	OMS 6	2014	F3	Q3	C3	St Albans
50A53	5988	21407	OMS 5	2014	F4	Q3	C3	Lyndonville

The current facilities do not comply with the NG Pam 415-12 dated 1 June 2011 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.

IMPACT IF NOT PROVIDED: If this project is not provided Soldiers will continue to work in undersized bays and continue working to expose the soldiers to safety hazards related

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION North Hyde Park Vermont	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85650 500079	8. PROJECT COST (\$000) Approp 7,900
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IMPACT IF NOT PROVIDED: (CONTINUED)
to lack of required space. The current facilities do not comply with NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Force Protection (ATFP). This facility has been written up by the safety OIC many times for unsafe working conditions. The lack of adequate maintenance bay space cannot support some of the items on the current inventory. Lack of space will continue to negatively impact the unit Organizational Readiness posture. There is not enough administrative space, supply room space, break room space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space. There is not enough land to consider addition or alterations to the existing facility.

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 (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Design Start Date.....	FEB 2012
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	NOV 2015
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be	

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION North Hyde Park Vermont	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP ADD
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85650 500079	8. PROJECT COST (\$000) Approp 7,900
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	437
(b) All Other Design Costs.....	247
(c) Total Design Cost.....	684
(d) Contract.....	684
(e) In-house.....	0

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

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

(6) Construction Completion..... MAR 2018

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	395
Physical Fitness	OMNG	2017	39
Info Sys - ISC	OPA	2017	60
Info Sys - PROP	OMNG	2017	191
		Total	684

CFMO Phone 802-338-3041
Number:

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015					
3. INSTALLATION AND LOCATION Richmond Virginia		4. AREA CONSTRUCTION COST INDEX .91					
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	Sandston, VA	10.00 miles Readiness Center					
ARNG	Petersburg, VA	10.00 miles Readiness Center					
ARNG	Richmond - CSMS, VA	1.00 miles Readiness Center					
AR	Richmond - MONTEITH	5.00 miles Readiness Center					
AR	Richmond - DERVISHIA	5.00 miles Readiness Center					
AR	Richmond - RICHMOND	5.00 miles Readiness Center					
		4,253 m2 (45,780 SF) 1990					
		2,786 m2 (29,993 SF) 1971					
		1,971 m2 (21,214 SF) 1950					
		2,160 m2 (23,247 SF) 1960					
		4,682 m2 (50,401 SF) 1975					
		4,211 m2 (45,330 SF) 1989					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
<u>CODE</u> <u>PROJECT TITLE</u>		<u>DESIGN STATUS</u>					
	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>					
17142	NATIONAL GUARD/RESERVE CE 9,795 m2 (105,434 SF)	29,000 FEB 2014 AUG 2015					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE JOINT CONSTRUCTION.		12 AUG 2014 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		900					
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 05 AUG 2014							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	77	18	21	38	104	24	80
ACTUAL	77	18	21	38	186	72	114
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	STRENGTH			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
(HQ ARMY ELE JFHQ-VA)	W93RAA	56751	NGW93RAA	0	87		
CO B (BN BSB IBCT ABN)	WZGEB0	07129	63335RNG70	84	79		
HQS, VAANG (ANG)	F8BJ01			20	20		
VA STATE EMPLOYEES	VASTAT			0	0		
				104	186		
Assigned/Authorized: 179%							

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Richmond Virginia		4. AREA CONSTRUCTION COST INDEX .91
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	38	38
TRAILERS	28	28
TRACKED	0	0
EQUIPMENT > 30 FT	6	6
Fuel Truck	0	0
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Richmond Virginia				4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING (JFHQ)		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 85638 510065		8. PROJECT COST (\$000) Approp 29,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						23,488
17142 NG/RC BLDG		m2 (SF)	9,513 (102,401)		2,007	(19,098)
44224 Unheated Storage Building		m2 (SF)	281.77 (3,033)		905.05	(255)
81160 Backup/Emergency Generator		EA	1 --		180,000	(180)
81122 Electric Power Photovoltaic		EA	1 --		1998000	(1,998)
82187 Heating Plant Geothermal		EA	87 --		17,200	(1,496)
Sustainability/Energy Measures		LS	--		--	(461)
SUPPORTING FACILITIES						3,607
Electric Service		LS	--		--	(161)
Water, Sewer, Gas		LS	--		--	(471)
Paving, Walks, Curbs And Gutters		LS	--		--	(610)
Storm Drainage		LS	--		--	(250)
Site Imp(705) Demo()		LS	--		--	(705)
Information Systems		LS	--		--	(74)
Antiterrorism Measures		LS	--		--	(214)
Other		LS	--		--	(1,122)
ESTIMATED CONTRACT COST						27,095
CONTINGENCY (5.00%)						1,355
SUBTOTAL						28,450
SUPV, INSP & OVERHEAD (3.50%)						996
TOTAL REQUEST						29,446
Other Non-DoD Component Share						446
TOTAL FEDERAL REQUEST						29,000
TOTAL FEDERAL REQUEST (ROUNDED)						29,000
INSTALLED EQT-OTHER APPROP						(2,191)
10. Description of Proposed Construction A specially designed National Guard /Reserve Center Building Joint Force Headquarters (JFHQ)of permanent construction. The JFHQ includes the following items that are integral to the facility; Backup/ Emergency Generator, Unheated Storage Building, Heating Plant (Geothermal) 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 and 90-400. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas for 175 privately owned vehicles, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Criteria (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance 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 107,718 SQFT. Disposal of 5 buildings at Sandston Readiness Center, VA (Total 576 m2/6,200 SF), and 13 buildings at Fort Pickett, VA (Total 9,431 m2/101,518 SF). Air Conditioning (Estimated 1,203 kW/342 Tons).						
11. REQ:		9,795 m2	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Richmond Virginia			4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING (JFHQ)		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 85638 510065		8. PROJECT COST (\$000) Approp 29,000

PROJECT: To construct a 105,802 sf National Guard / Reserve Center Building that supports training, administrative, and logistical requirements for the VAARNG. This facility will be built on Federal land. The ANG has a \$1,022,000 joint share for this project and the State of VA has a \$446,000 share based on sole use space. (Current Mission)

REQUIREMENT: The facility is required to replace 1950s vintage facilities at Defense Supply Center - Richmond (DSC-R) that house the Soldiers of Company B, 429th Brigade Support Battalion (UIC: WZGEB0) and provide space to re-station the Soldiers of Army Element, Joint Force Headquarters - Virginia (-) (UIC: W93RAA); Airmen of Headquarters, Virginia Air National Guard (UIC: F8BJ01) and 5 state employees of Virginia Department of Military Affairs (UIC: VASTAT) currently stationed in Sandston, Virginia. The facility at DSC-R is over 100% utilized and does not provide space necessary to effectively support unit operations including critical components, such as classrooms, assembly hall, and locker room. The facility at Sandston is over 100% utilized and does not provide space necessary to effectively support the command, control and communication mission of the Army Element, Joint Force Headquarters - Virginia (-), including general administrative space necessary for staff coordination functions, unit storage space, including locker room space, necessary to adequately safeguard Federal property, and adequate space to support the Virginia National Guard IT and communication requirement as well as the capability to coordinate with external agencies supporting homeland security and defense support to civilian agency missions.

CURRENT SITUATION: This project is critical to the state of Virginia due to the current situation of the existing Sandston Armory site does not provide adequate space for the units stationed there. Btry A, 1st Bn, 111th Fld Arty soldiers, including Full Time Manning, must use a building that was initially constructed to house a FireFinder Radar; the building does not have adequate latrines and the soldiers must use portable latrines. The facility at Defense Supply Center - Richmond occupied by Co B, 429th Bde Spt Bn was constructed in 1950. It has not been renovated or updated to keep pace with Army transformation and modernization. Overcrowding exists because the unit is located in the same compound as the VAARNG CSMS which results in incompatible activities in a relatively small, confined area on Defense Supply Center - Richmond. This creates a situation where neither the CSMS nor Co B, 429th Bde Spt Bn has adequate space to support the state surface equipment maintenance mission or the unit administrative, logistical or training missions.

The facilities currently supporting this mission were built in 1950 and 1990 and do not comply with NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with disabilities Act (ADA), Anti-terrorism Force Protection (ATFP) requirements. 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. Renovation is not viable because there are no existing facilities in the Richmond, Virginia Metropolitan Area that can support the requirement for a Joint Force Headquarters - Virginia Armed Forces Readiness Center and readiness center requirements for Co B, 429th Bde Spt Bn.

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Richmond Virginia	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING (JFHQ)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85638 510065	8. PROJECT COST (\$000) Approp 29,000
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CURRENT SITUATION: (CONTINUED)
The Army Element of the Joint Force Headquarters - Virginia; along with Headquarters, Virginia Air National Guard; Virginia Department of Military Affairs and Btry A, 1st Bn, 111th Fld Arty are housed in the Sandston Armory readiness center. Co B, 429th Bde Spt Bn is housed at Defense Supply Center - Richmond along with the VAARNG Combined Support Maintenance Shop (CSMS). Neither site provides adequate 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 for the units stationed at these two sites.

The State of Virginia 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 Virginia.

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

The facility where the current operations are being conducted was constructed in 1950.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
51415	7162	17180	00001	2013		Q2	C4	Sandston

The total required readiness center space necessary to support the Joint Force Headquarters - Virginia and Co B, 429th Bde Spt Bn mission is 115,821 sf; the buildings currently occupied by the two units provide 66,994 sf or 58% of the requirement. Having 58% of the required space equates to a C4 ISR-I rating.

IMPACT IF NOT PROVIDED: If this project is not provided the Army Element of the Joint Force Headquarters - Virginia and Btry A, 1st Bn, 111th Fld Arty will remain housed in inadequate facilities at Sandston Armory. The Joint Force Headquarters - Virginia facilities will be inadequate to serve as the senior National Guard Joint command and control element for the Army and Air National Guard units assigned to Virginia which has the potential to degrade overall readiness of the Virginia National Guard. Btry A, 1st Bn, 111th Fld Arty soldiers will continue to work from a FireFinder Radar building that fails to provide minimum administrative, logistical, operational or maintenance space or latrines. Co B, 429th Bde Spt Bn will continue to be housed in buildings that were constructed in the early 1950s and not designed to support current operational demands of a transformed and modern Army National Guard. Additionally, Co B, 429th Bde Spt Bn will continue to share space with the VAARNG CSMS which creates a situation where unit administrative, logistical, operational and training activities are occurring in close proximity to large scale surface equipment maintenance activities. The close proximity of these two activities is a detriment to both.

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.

1. COMPONENT ARNG		FY 2016 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Richmond Virginia			4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING (JFHQ)		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 85638 510065		8. PROJECT COST (\$000) Approp 29,000

ADDITIONAL: (CONTINUED)

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.....	FEB 2014
(b) Percent Complete as of January 2015.....	35
(c) Date 35% Designed.....	JAN 2015
(d) Date Design Complete.....	AUG 2015
(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.....	1,626
(b) All Other Design Costs.....	921
(c) Total Design Cost.....	2,547
(d) Contract.....	2,547
(e) In-house.....	0

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

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Richmond Virginia	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING (JFHQ)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85638 510065	8. PROJECT COST (\$000) Approp 29,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

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

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	1,350
ESS (171R)	OPA	2017	54
Kitchen Equipment (Type C)	OMNG	2017	50
Info Sys - ISC	OPA	2017	357
Info Sys - PROP	OMNG	2017	381
		Total	2,191

CFMO Phone 434-298-6423
Number:

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1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015			
3. INSTALLATION AND LOCATION Yakima Washington	INSNO= 53C15	4. AREA CONSTRUCTION COST INDEX 1.07			
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 294 days/year.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG	Yakima Training Cent	0.00 miles Readiness Center			
AR	Armed Forces Reserve	0.00 miles USAR Center			
DOD	Yakima Training Cent	0.00 miles Base			
		2,399 m2 (25,821 SF) 1994 824 m2 (8,873 SF) 2010 9,290,300 m2 (99,999,999 SF)1940			
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>			
72114	ENLISTED BARRACKS, TRANSI	5,084 m2 (54,722 SF)			
		19,000 MAY 2012 MAR 2015			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		16 JUL 2014 (Date)			
9. LAND ACQUISITION REQUIRED					
None		0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY		COST			
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>			
NONE					
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 6,051					
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 29 DEC 2014					
	PERMANENT	GUARD/RESERVE			
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>			
AUTHORIZED	31 0 31 0	105 19 86			
ACTUAL	20 3 11 6	93 19 74			
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>	
1/20 (GS) (HQ WESTERN LDRSHIP TN)	W8FFA1	66751	NGW8FFAA	<u>AUTHORIZED</u>	<u>ACTUAL</u>
2ND BN (OCS/WOCS) (HQ WESTERN LDRSH (HQ WESTERN LDRSHIP TN)	W8FFA2	66751	NGW8FFAA	65	54
	W8FFAA	66751	NGW8FFAA	26	25
				14	14
				105	93
Assigned/Authorized: 89%					

1. COMPONENT ARNG	FY 2016 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 02 FEB 2015
3. INSTALLATION AND LOCATION Yakima Washington		4. AREA CONSTRUCTION COST INDEX 1.07
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	0	2
TRAILERS	0	0
TRACKED	0	0
EQUIPMENT > 30 FT	0	0
Fuel Truck	0	0
HET	0	0
TOTALS	0	2
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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Yakima Washington				4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 72114	7. PROJECT NUMBER 84607 530041		8. PROJECT COST (\$000) Approp 19,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						14,141
72114 Billets		m2 (SF)	4,322 (46,522)		2,476	(10,700)
17120 Educational Facility		m2 (SF)	172.52 (1,857)		2,476	(427)
72212 Dining Facility		m2 (SF)	589.28 (6,343)		4,229	(2,492)
Sustainability/Energy Measures		LS	--		--	(273)
Additional ATRP		LS	--		--	(249)
SUPPORTING FACILITIES						2,901
Electric Service		LS	--		--	(134)
Water, Sewer, Gas		LS	--		--	(422)
Paving, Walks, Curbs And Gutters		LS	--		--	(506)
Storm Drainage		LS	--		--	(206)
Site Imp(1,251) Demo()		LS	--		--	(1,251)
Information Systems		LS	--		--	(92)
Antiterrorism Measures		LS	--		--	(102)
Other		LS	--		--	(188)
ESTIMATED CONTRACT COST						17,042
CONTINGENCY (5.00%)						852
SUBTOTAL						17,894
SUPV, INSP & OVERHEAD (6.18%)						1,106
TOTAL REQUEST						19,000
TOTAL FEDERAL REQUEST						19,000
TOTAL FEDERAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						(1,631)
10. Description of Proposed Construction A specially designed Enlisted Barracks (RTI) Facility of permanent construction. The Enlisted Barracks Complex includes the following items that are integral to the facility; Educational Facility, Dining Facility and Additional ATRP. 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 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 54,773 SQFT. Disposal of 1 building at Camp Murray, WA (Total 40 m2/432 SF), 1 building at Bremerton Readiness Center, WA (Total 9 m2/100 SF), 5 buildings at Pier 91 Readiness Center, WA (Total 2,935 m2/31,596 SF), and 4 buildings at Toppenish Readiness Center, WA (Total 2,104 m2/22,645 SF). Air Conditioning (Estimated 570 kW/162 Tons).						
11. REQ: 5,084 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct 54,722 SQFT of Enlisted Barracks, Transient Training, Education						

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Yakima Washington	4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 72114	7. PROJECT NUMBER 84607 530041	8. PROJECT COST (\$000) Approp 19,000
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PROJECT: (CONTINUED)
 Facility and a Dining Facility, Transient Training that supports TRADOC requirements for WAARNG Regional Training Institute. The total number of enlisted beds in this project is 128. This project was authorized in the FY 2015 National Defense Authorization Act at \$19 million but no funds were appropriated for the project. The FY 2016 President's Budget submission includes a request for appropriation. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: The WAARNG RTI requires TRADOC Standard approved barracks to maintain their accreditation. The WAARNG has no TRADOC approved barracks space and must construct them to maintain the accreditation of the RTI and to meet transient student soldier billeting load. The WAARNG has a extremely limited Barracks space which is documented in RPLANS.

CURRENT SITUATION: This project is critical to the state of Washington due to the current situation of The WAARNG does not have adequate barracks space to house RTI transient student loads at Redmond or Yakima Training Center (YTC) and the YTC barracks have also been rated by TRADOC as substandard. Fort Lewis the nearest Army base which is 145 miles away and on the other side of a mountain range with snow and ice problems from YTC and its facilities are currently at maximum to above full capacity. Due to the lack of space and condition of existing barracks, the RTI students (WOCS/NCOES/OCS) are currently billeted at Redmond, Fort Lewis and Yakima Training Center (YTC) barracks, or housed off base in commercial hotels at government expense, or a combination of all four.

The State of Washington has conducted a preliminary design on this project and is currently at 95 % Design.

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

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

There currently is no facility to complete the mission.

Due to the lack of facilities, WAARNG must utilize commercial billeting and commerial feeding to meet the operational needs of the schools. Transportation for students to and from the school house for sleeping and meals is costly in terms of both dollars and time. Cadre lose valuable training time with their students in order to facilitate the transportation of Soldiers to and from meals and billeting.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
		72114					C4	No Facility

When available to use, the World War II Barracks at Yakima Training Center are considered substandard by TRADOC. They do not meet most current Federal, State and or local codes regarding electrical and plumbing.

IMPACT IF NOT PROVIDED: The WAARNG RTI will continue to be cited for billeting

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Yakima Washington	4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 72114	7. PROJECT NUMBER 84607 530041	8. PROJECT COST (\$000) Approp 19,000
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IMPACT IF NOT PROVIDED: (CONTINUED)
facilities not meeting TRADOC standards in annual inspections. Billeting and dining facilities not located at YTC greatly impact the NCOES/WOCS and OCS programs. If these billets and dining facility are not funded this will negatively impact the WAARNG RTI's ability to compete for courses it would otherwise be completely qualified to deliver. Lack of billeting and dining facilities cost the government more money to house and feed Soldiers in commercial facilities off post. Currently, the WAARNG is transporting Soldiers twice a day, to and from, hotels and restaurants. Logistically this becomes a training distracter and hindrance as additional time and funds are expended.

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 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 (Installation and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Design Start Date..... MAY 2012
- (b) Percent Complete as of January 2015..... 95
- (c) Date 35% Designed..... JUN 2013
- (d) Date Design Complete..... MAR 2015
- (e) Parametric Cost Estimating Used to Develop Costs.. NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Yakima Washington	4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 72114	7. PROJECT NUMBER 84607 530041	8. PROJECT COST (\$000) Approp 19,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	1,020
(b) All Other Design Costs.....	578
(c) Total Design Cost.....	1,598
(d) Contract.....	1,598
(e) In-house.....	0

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

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

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

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2017	950
Kitchen Equipment (Type C)	OMNG	2017	100
Info Sys - ISC	OPA	2017	326
Info Sys - PROP	OMNG	2017	256
		Total	1,631

CFMO Phone 253-512-8702
Number:

1. COMPONENT ARNG	FY 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Unspecified		4. PROJECT TITLE Unspecified Minor Construction			
5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86756 0	8. PROJECT COST (\$000) Approp 15,000		
9. COST ESTIMATES					
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>					15,000
00000 Unspecified Minor Construction		LS	--	--	(15,000)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					15,000
CONTINGENCY (0.00%)					
SUBTOTAL					15,000
SUPV, INSP & OVERHEAD (0.00%)					
TOTAL REQUEST					15,000
TOTAL FEDERAL REQUEST					15,000
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 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Minor Construction Worldwide Unspecified	4. PROJECT TITLE Unspecified Minor Construction
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86756 0	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Percent Complete as of January 2015.....	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 2016 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2015	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Unspecified				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT		6. CATEGORY CODE 00000	7. PROJECT NUMBER 86757 0		8. PROJECT COST (\$000) Approp 20,337	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						20,337
00000 Planning and Design		LS	--		--	(20,337)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						20,337
CONTINGENCY (0.00%)						
SUBTOTAL						20,337
SUPV, INSP & OVERHEAD (0.00%)						
TOTAL REQUEST						20,337
TOTAL FEDERAL REQUEST						20,337
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 MCNG 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 2016 program; for advancement to final design of projects in FY 2017 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 2016 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2015
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3. INSTALLATION AND LOCATION Planning and Design Worldwide Unspecified	4. PROJECT TITLE Planning and Design
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86757 0	8. PROJECT COST (\$000) Approp 20,337
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	_____
(b) Percent Complete as of January 2015.....	_____ 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		