

**DEPARTMENT OF THE ARMY
ARMY NATIONAL GUARD**

FISCAL YEAR (FY) 2018

Budget Estimates

MILITARY CONSTRUCTION



JUSTIFICATION DATA SUBMITTED TO CONGRESS

MAY 2017

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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 2017. This
includes \$438.65 in expenses and \$5,967.40 in DoD labor.

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2018
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Delaware	100040	New Castle COMBINED SUPPORT MAINTENANCE SHOP	36,000	36,000	C	1
		Subtotal New Castle	\$ 36,000	36,000		
		* TOTAL MCNG FOR Delaware	\$ 36,000	36,000		
Idaho	160176	Orchard Training Area Digital Air/Ground Integration Range	22,000	22,000	C	9
		Subtotal Orchard Training Area	\$ 22,000	22,000		
		* TOTAL MCNG FOR Idaho	\$ 22,000	22,000		
Maine	230135	Presque Isle National Guard Readiness Center	17,500	17,500	C	17
		Subtotal Presque Isle	\$ 17,500	17,500		
		* TOTAL MCNG FOR Maine	\$ 17,500	17,500		
Maryland	240149	Sykesville NATIONAL GUARD READINESS CENTER	19,000	19,000	C	23
		Subtotal Sykesville	\$ 19,000	19,000		
		* TOTAL MCNG FOR Maryland	\$ 19,000	19,000		
Minnesota	270132	Arden Hills NATIONAL GUARD READINESS CENTER	39,000	39,000	C	31
		Subtotal Arden Hills	\$ 39,000	39,000		
		* TOTAL MCNG FOR Minnesota	\$ 39,000	39,000		

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2018
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
New Mexico	350200	Las Cruces NATIONAL GUARD READINESS CENTER ADD	8,600	8,600	C	39
		Subtotal Las Cruces	\$ 8,600	8,600		
		* TOTAL MCNG FOR New Mexico	\$ 8,600	8,600		
Virginia	510417	Fort Pickett TRAINING AIDS CENTER	4,550	4,550	C	47
		Subtotal Fort Pickett	\$ 4,550	4,550		
		* TOTAL MCNG FOR Virginia	\$ 4,550	4,550		
Washington	530129	Tumwater NATIONAL GUARD READINESS CENTER	31,000	31,000	C	53
		Subtotal Tumwater	\$ 31,000	31,000		
		* TOTAL MCNG FOR Washington	\$ 31,000	31,000		
Worldwide Various	990022	Minor Construction Unspecified Minor Construction	0	16,731		61
		Subtotal Minor Construction	\$ 0	16,731		
	990033	Planning and Design Planning and Design	0	16,271		63
		Subtotal Planning and Design	\$ 0	16,271		
		* TOTAL MCNG FOR Worldwide Various	\$ 0	33,002		
** ARMY NATIONAL GUARD TOTAL			\$ 177,650	210,652		

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2018
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	(8)	\$ 177,650		
		Total Cost of other line items	(2)	\$ 33,002		
		Total Cost of FY 2018 MCNG Projects	(10)	\$ 210,652		

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APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, and contiguous therefore, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and Military Construction Authorization Acts \$210,652,000 to remain available until 30 September 2022. Provided, that of the amount appropriated, not to exceed \$16,271,000 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 purposed and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

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**Military Construction Army National Guard, Future Years Defense Program
FY 2018- FY 2022**

<u>Year</u>	<u>State</u>	<u>Town or Installation</u>	<u>Project Title</u>	<u>Budgeted Amount</u>	<u>Budgeted PB1Z</u>	<u>Change</u>	<u>Explanation</u>	<u>Proj No</u>	<u>Pax No</u>
2018	2018								
2018	DE	New Castle	2018 Combined Support Maintenance Shop	36,000	36,000	0		2018 100040	85641
2018	ID	Orchard Training Area	Digital Air/Ground Integration Range	22,000	22,000	0		160176	85669
2018	ME	Presque Isle	National Guard Readiness Center	17,500	17,500	0		230135	86503
2018	MD	Sykesville	National Guard Readiness Center	19,000	19,000	0		240149	86371
2018	MN	Arden Hills	National Guard Readiness Center	39,000	39,000	0		270132	85825
2018	NM	Las Cruces	National Guard Readiness Center Addition	8,600	8,600	0		350200	86770
2018	VA	Fort Pickett	Training Aids Center	4,550	4,550	0		510417	85727
2018	WA	Turnwater	National Guard Readiness Center	31,000	31,000	0		530129	85651
2018	ZZZ	Various	Unspecified Minor Construction	16,731	16,731	0		990022	86773
2018	ZZZ	Various	Planning and Design	16,271	16,271	0		990033	86774
			Total FY 2018 Program Request	210,652	210,652	0			

**Military Construction Army National Guard, Future Years Defense Program
FY 2018- FY 2022**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB1Z	Change	Explanation	Proj No	Pax No
2019	AK	Joint Base Elmendorf-Richardson	Administrative Building, General Purpose (USFPO)	27,000	27,000	0		2019 020143	85622
2019	AZ	Queen Creek	National Guard Readiness Center	0	9,800	(9,800)	Remove & replace w/ 2021 proj, Tag Request.	040035	84656
2019	AZ	Safford	National Guard Readiness Center	0	8,300	(8,300)	Remove & replace w/ 2021 proj, Tag Request.	040038	85639
2019	MS	Camp Shelby	Automated Multipurpose Machine Gun (MPMG) Range	9,100	9,100	0		280408	85731
2019	MT	Malta	National Guard Readiness Center	15,000	15,000	0		300031	85656
2019	NV	North Las Vegas	National Guard Readiness Center	32,000	32,000	0		320157	86532
2019	NH	Pembroke	National Guard Readiness Center	12,000	12,000	0		330043	85474
2019	ND	Fargo	National Guard Readiness Center	32,000	32,000	0		380116	85492
2019	OH	Camp Ravenna	Automated Multipurpose Machine Gun (MPMG) Range	6,400	6,400	0		390285	85606
2019	SD	Rapid City	National Guard Readiness Center	15,000	0	15,000	Moved from 2021 to 2019	460115	85523
2019	ZZZ	Various	Unspecified Minor Construction	18,100	15,000	3,100		990022	86775
2019	ZZZ	Various	Planning and Design	18,218	18,218	0		990033	86776
			Total FY 2019 Program Request	184,818	184,818	0			

**Military Construction Army National Guard, Future Years Defense Program
FY 2018- FY 2022**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB1Z	Change	Explanation	Proj No	Pax No
2020	2020								
2020	AL	Foley	National Guard Readiness Center	12,000	12,000	0		2020	85380
2020	CA	Camp Roberts	Automated Multipurpose Machine Gun (MPMG) Range	10,000	10,000	0		060441	84634
2020	FL	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range	8,100	8,100	0		120213	85610
2020	MD	Havre De Grace	Combined Support Maintenance Shop	12,000	12,000	0		240147	85440
2020	MA	Camp Edwards	Automated Multipurpose Machine Gun (MPMG) Range	9,700	9,700	0		250194	85732
2020	MIN	New Ulm	National Guard Vehicle Maintenance Shop	11,200	11,200	0		270203	85448
2020	MO	Springfield	National Guard Readiness Center	12,000	12,000	0		290186	85457
2020	NE	Mead	National Guard Readiness Center	29,000	29,000	0		310102	85645
2020	NE	North Platte	National Guard Readiness Center	9,300	9,300	0		310113	85464
2020	NH	Concord	National Guard Readiness Center Addition	5,950	5,950	0		330050	85475
2020	OR	Klamath Falls	Armed Forces Reserve Center Building Addition	9,300	9,300	0		410306	85502
2020	PA	Moon Township	Combined Support Maintenance Shop	23,000	23,000	0		420103	85505
2020	SC	Camp McCrady	Automated Multipurpose Machine Gun (MPMG) Range	5,400	5,400	0		450377	85615
2020	UT	Nephi	National Guard Readiness Center	12,000	12,000	0		491201	85532
2020	WA	Bellingham	National Guard Readiness Center	11,400	11,400	0		531201	85572
2020	ZZZ	Various	Unspecified Minor Construction	15,000	15,000	0		990022	86777
2020	ZZZ	Various	Planning and Design	20,723	20,723	0		990033	86778
			Total FY 2020 Program Request	216,073	216,073	0			

**Military Construction Army National Guard, Future Years Defense Program
FY 2018- FY 2022**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB1Z	Change	Explanation	Proj No	Pax No
2021	2021								
2021	AZ	Tucson	National Guard Readiness Center	18,100	0	18,100	Replaces 2 2019 projs. TAG request.	2021	85384
2021	AR	Fort Chaffee	National Guard Readiness Center	15,000	15,000	0		040037	85387
2021	CA	Bakersfield	National Guard Vehicle Maintenance Shop	9,300	9,300	0		060261	85389
2021	CO	Fort Carson	National Guard Readiness Center	15,000	15,000	0		080295	85390
2021	IL	North Riverside	National Guard Vehicle Maintenance Shop	15,000	15,000	0		170077	85415
2021	IN	Shelbyville	National Guard Readiness Center Add/Alt	12,000	12,000	0		180202	86480
2021	KY	Frankfort	National Guard/Reserve Center Building	15,000	15,000	0		210054	85431
2021	LA	Lake Charles	National Guard Readiness Center	15,000	15,000	0		220141	85434
2021	MS	Jackson	National Guard Vehicle Maintenance Shop	10,400	10,400	0		280381	85452
2021	NJ	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center	15,000	15,000	0		340132	85478
2021	NC	McLeansville	National Guard Readiness Center	0	15,000	(15,000)	Project exchange: 371103 replaced by 371602 requested by TAG	371103	86696
2021	NC	McLeansville	National Guard Vehicle Maintenance Shop	15,000	0	15,000	Project exchange: 371103 replaced by 371602 requested by TAG	371602	90308
2021	OH	Columbus	National Guard Readiness Center	15,000	15,000	0		390160	85495
2021	OK	Ardmore	National Guard Vehicle Maintenance Shop	9,800	9,800	0		400602	85570
2021	SC	Summerville	National Guard Readiness Center	15,000	15,000	0		450109	85519
2021	SD	Rapid City	National Guard Readiness Center	0	15,000	(15,000)	Moved from 2021 to 2019	460115	85523
2021	TN	McMinnville	National Guard Readiness Center	11,200	11,200	0		470030	85525
2021	TX	Laredo	National Guard Vehicle Maintenance Shop	6,000	6,000	0		481104	86690
2021	TX	Fort Worth	National Guard Vehicle Maintenance Shop	7,800	7,800	0		481315	86691
2021	WI	Appleton	National Guard Readiness Center Add/Alt	11,600	11,600	0		550148	85553
2021	ZZZ	Various	Unspecified Minor Construction	11,900	15,000	(3,100)		990022	88445
2021	ZZZ	Various	Planning and Design	16,126	16,126	0		990033	88446
			Total FY 2021 Program Request	259,226	259,226	0			

**Military Construction Army National Guard, Future Years Defense Program
FY 2018- FY 2022**

Year	State	Town or Installation	Project Title	Budgeted Amount	Budgeted PB1Z	Change	Explanation	Proj No	Pax No
2022	2022					0		2022	
2022	AK	Wasilla	National Guard Readiness Center	34,000	0	34,000	Accelerated from the Infrastructure Requirements Plan	021128	86462
2022	AZ	Goodyear	National Guard Readiness Center	11,600	0	11,600	Accelerated from the Infrastructure Requirements Plan	040530	88921
2022	CT	East Lyme	National Guard Readiness Center	17,500	0	17,500	Accelerated from the Infrastructure Requirements Plan	090040	88233
2022	DE	New Castle	National Guard Readiness Center	16,000	0	16,000	Accelerated from the Infrastructure Requirements Plan	100093	86472
2022	DC	Joint Base Anacostia-Bolling	Combined Support Maintenance Shop Add/Alt	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	111083	85400
2022	FL	Camp Blanding	Scout REECE Gunnery Complex	10,400	0	10,400	Accelerated from the Infrastructure Requirements Plan	120214	84561
2022	GA	Fort Benning	Enlisted Barracks, Transient Training	13,200	0	13,200	Accelerated from the Infrastructure Requirements Plan	130131	85565
2022	GU	Barrigada	National Guard Readiness Center	34,000	0	34,000	Accelerated from the Infrastructure Requirements Plan	140052	85407
2022	HI	Kalaheo	National Guard Readiness Center Addition	29,000	0	29,000	Accelerated from the Infrastructure Requirements Plan	150084	85409
2022	ID	Twin Falls	National Guard Readiness Center	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	160098	85411
2022	KS	Topeka	National Guard/Reserve Center Building Addition	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	200105	86491
2022	KY	Wendell H. Ford Training Center	Multipurpose Mahchine Gun (MPMG) Range	5,800	0	5,800	Accelerated from the Infrastructure Requirements Plan	210293	85611
2022	ME	Saco	National Guard Vehicle Maintenance Shop	16,000	0	16,000	Accelerated from the Infrastructure Requirements Plan	230125	85435
2022	MI	Grayling	National Guard Readiness Center	16,000	0	16,000	Accelerated from the Infrastructure Requirements Plan	260247	86608
2022	MT	Butte	National Guard Readiness Center	16,000	0	16,000	Accelerated from the Infrastructure Requirements Plan	300049	85460
2022	NY	Troy	National Guard Vehicle Maintenance Shop	17,000	0	17,000	Accelerated from the Infrastructure Requirements Plan	361403	86636
2022	ND	Valley City	National Guard Readiness Center	15,500	0	15,500	Accelerated from the Infrastructure Requirements Plan	380058	86704
2022	PR	Fort Buchanan	National Guard/Reserve Center Building Addition	16,500	0	16,500	Accelerated from the Infrastructure Requirements Plan	430068	85511
2022	VT	Bennington	National Guard Readiness Center	14,800	0	14,800	Accelerated from the Infrastructure Requirements Plan	500073	85537
2022	VA	Roanoke	National Guard Readiness Center Addition	6,100	0	6,100	Accelerated from the Infrastructure Requirements Plan	510075	90672
2022	VA	Roanoke	Combined Support Maintenance Shop Addition	6,900	0	6,900	Accelerated from the Infrastructure Requirements Plan	510091	90673
2022	VI	St. Thomas	National Guard Vehicle Maintenance Shop	15,000	0	15,000	Accelerated from the Infrastructure Requirements Plan	520040	85549
2022	WV	Buckhannon	National Guard Readiness Center	14,000	0	14,000	Accelerated from the Infrastructure Requirements Plan	540227	85551
2022	WY	Lovell	National Guard Vehicle Maintenance Shop	14,800	0	14,800	Accelerated from the Infrastructure Requirements Plan	560903	85557
2022	ZZZ	Various	Unspecified Minor Construction	18,000	0	18,000		990022	90716
2022	ZZZ	Various	Planning and Design	26,282	0	26,282		990033	90717
			Total FY 2022 Program Request	429,382	0	429,382			

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1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION New Castle Delaware	INSNO= 10605	4. AREA CONSTRUCTION COST INDEX 1.08
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 New Castle, DE	6.00 miles Readiness Center	9,870 m2 (106,239 SF) 2013
ARNG Wilmington, DE	9.00 miles Readiness Center	4,468 m2 (48,092 SF) 1970
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>
21419	COMBINED SUPPORT MAINTENA	6,766 m2 (72,824 SF) 36,000 OCT 2015 JAN 2018
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.		20 APR 2016 (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):		4,095
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 16 DEC 2016		
	<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	41 0 0 41	0 0 0
ACTUAL	32 0 0 32	0 0 0
12. RESERVE UNIT DATA		
		<u>STRENGTH</u>
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>
<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
(EQP DE ARNG COMBINED)	W8U1AA	NGW8U1AA
	0	0
	0	0
Assigned/Authorized:		0%
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	369	11
TRAILERS	311	7
TRACKED	0	0
EQUIPMENT > 30 FT	24	1
Fuel Truck	8	0
HET	0	0
TOTALS	712	19

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017						
3. INSTALLATION AND LOCATION New Castle Delaware		4. AREA CONSTRUCTION INSNO= 10605 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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION New Castle Delaware				4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21419	7. PROJECT NUMBER 85641 100040		8. PROJECT COST (\$000) Approp 36,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						21,656
21419 Maintenance Shop		m2 (SF)	5,707 (61,429)		2,789	(15,917)
21470 Bulk POL Storage		m2 (SF)	25.55 (275)		2,422	(62)
44240 Flammable Materials Facility		m2 (SF)	61.32 (660)		2,422	(149)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		2,422	(74)
44224 Enclosed Unheated Storage		m2 (SF)	388.33 (4,180)		2,422	(941)
Total from Continuation page(s)						(4,513)
SUPPORTING FACILITIES						10,271
Electric Service		LS	--		--	(300)
Water, Sewer, Gas		LS	--		--	(873)
Paving, Walks, Curbs And Gutters		LS	--		--	(3,751)
Storm Drainage		LS	--		--	(472)
Site Imp(1,299) Demo(2,280)		LS	--		--	(3,579)
Information Systems		LS	--		--	(46)
Antiterrorism Measures		LS	--		--	(694)
Other		LS	--		--	(556)
ESTIMATED CONTRACT COST						31,927
CONTINGENCY (5.00%)						1,596
SUBTOTAL						33,523
SUPV, INSP & OVERHEAD (3.39%)						1,136
DESIGN/BUILD-DESIGN COST (4.00%)						1,341
TOTAL REQUEST						36,000
TOTAL FEDERAL REQUEST						36,000
TOTAL FEDERAL REQUEST (ROUNDED)						36,000
INSTALLED EQT-OTHER APPROP						(2,358)
10. Description of Proposed Construction A specially designed Combined Support Maintenance Shop of permanent construction. The Combined Support Maintenance Shop includes the following items that are integral to the facility; Backup/Emergency generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Bulk POL storage, Flammable Materials Facility, Enclosed Unheated Storage, Heating Plant (Geothermal), Electric Power (Photovoltaic), Access Control Facility and Overhead Protection. This project will include comprehensive interior design. This facility will also provide the demarcation for this site. 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. Renewable energy facilities, to include a photovoltaic array and a geothermal heating plant, will be constructed. 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 93,674						

1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION New Castle Delaware				4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21419	7. PROJECT NUMBER 85641 100040		8. PROJECT COST (\$000) Approp 36,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
85210 Organizational Vehicle Parking		(m2 (SY)	4,431 (5,300)		209.30	(928)
14113 Access Control Facility		m2 (SF)	329.81 (3,550)		2,799	(923)
14179 Overhead Protection		m2 (SF)	222.97 (2,400)		2,422	(540)
82187 Heating Plant, Geothermal		EA	1 --		918,000	(918)
81122 Electric Power, Photovoltaic		EA	1 --		629,440	(629)
81160 Backup Generator		EA	1 --		150,000	(150)
Sustainability/Energy Measures		LS	--		--	(425)
					Total	4,513
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
SQFT. Disposal of 8 buildings at RIVER ROAD TRAINING SITE, DE (Total 8,703 m2/93,674 SF). Air Conditioning (Estimated 278 kW _r /79 Tons).						
11. REQ: 6,766 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct a 72,824 SQFT of Combined Support Maintenance Shop that supports training, administrative, and logistical requirements for the DEARNG. This facility will be built on Federal land. (Current Mission)						
REQUIREMENT: This facility is designed to meet the DA directed MTOE changes for the listed units authorized within the transformed force structure of the entire Delaware ARNG, to address facility shortages and inadequacies as defined in the ISR-I.						
CURRENT SITUATION: This project is critical to the state of Delaware due to the current situation of inadequate maintenance bays. DEARNG is currently operating with less than 30% of its requirement for maintenance facilities at this time. The existing height, length and width of these areas hinder operations. Most of the equipment of the supported units cannot fit entirely into the work bays.						
The lack of having an overhead lifting capability forces most operations outdoors. Lifting heavy items must be performed using a mobile truck mounted crane. Performing operations outdoors not only increases the number of personnel involved to perform the mission, but raises the risk of accidents and the difficulty of operations.						
The State of Delaware 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 Delaware.						
Currently, the state of Delaware has begun the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1952.						
The Probability code of Possible was determined using the number of services of both scheduled and unscheduled maintenance operations. The Severity code of Catastrophic was determined by the result of a death, permanent total disability or loss of the facility						

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION New Castle Delaware	4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21419	7. PROJECT NUMBER 85641 100040	8. PROJECT COST (\$000) Approp 36,000
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CURRENT SITUATION: (CONTINUED)
or asset. There is a lack of egress space and workbay height causing operations to be performed outdoors.

The current CSMS lacks the required sufficient egress space in each bay. The work bay height also does not allow most vehicles to be to raised high enough to allow the mechanic to work safely and comfortably. The lack of an adequate sized work bay for the signal specific equipment and larger construction and material moving assets have caused operations to move outdoors which causes an elevated risk of accidents during adverse weather conditions.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
10605	6496	21419	CSMS9	2016	F4	Q4	C3	New Castle

The facility has HVAC code violations. The system, including all supply and return ducts, was not designed to handle the requirements of current building codes. The electrical system also does not meet current demands and is undersized. The overloaded electrical system causes circuit breakers to frequently trip resulting in longer work times.

The administrative areas do not have natural ventilation available resulting in stagnant air.

The size of the CSMS is currently a third of the required criteria of NGPAM 415-12. The facility is not ADA compliant and there are no facilities that can accommodate ADA personnel. The ISR-I ratings for this facility clearly show that priority must be given to this maintenance facility. The DEARNG cannot perform its mission without the required work bays, administrative areas, testing/inspection areas and parking areas. The ATFP standoffs are not currently being met. The installation access control point does not meet the current criteria. The current access control point currently forces vehicles to remain in the travel way of the highway to be inspected/cleared onto the installation. The current access also cannot accommodate large commercial vehicles. Not only is the length of the vehicle an issue, but most commercial vehicles have a larger turn radius than this installation can currently handle.

IMPACT IF NOT PROVIDED: If this project is not approved, the conditions cannot be improved. The current work backlog will continue to increase and the supported units will decrease in their readiness posture. The backlog of SRM funding to replace and/or repair the current deficiencies in this structure exceed the plant replacement value. By constructing this facility, the DÉJÀ is afforded the opportunity to consolidate multiple smaller outdated facilities into one location. This consolidation will reduce the O&MR costs by up to 45% to conduct our maintenance mission.

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

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION New Castle Delaware	4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21419	7. PROJECT NUMBER 85641 100040	8. PROJECT COST (\$000) Approp 36,000
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ADDITIONAL: (CONTINUED)
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 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 2015
(b) Percent Complete as of January 2017.....	35
(c) Date 35% Designed.....	JAN 2017
(d) Date Design Complete.....	JAN 2018
(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.....	1,081
(c) Total Design Cost.....	1,081
(d) Contract.....	1,081
(e) In-house.....	0

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION New Castle Delaware	4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21419	7. PROJECT NUMBER 85641 100040	8. PROJECT COST (\$000) Approp 36,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(4) Construction Contract Award.....	MAR 2018
(5) Construction Start.....	APR 2018
(6) Construction Completion.....	MAR 2020

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	2019	1,800
Dynamometer	OMNG	2019	54
ESS (214L)	OPA	2019	75
Info Sys - ISC	OPA	2019	127
Info Sys - PROP	OMNG	2019	302
		Total	2,358

CFMO Phone 302-326-7148
Number:

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1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Orchard Training Area Idaho		4. AREA CONSTRUCTION COST INDEX .99
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 280 days/year.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
USAF	Mountain Home, ID	23.00 miles Air Force Base 485,623 m2 (5,227,200 SF) 1950
ARNG	Mountain Home, ID	39.00 miles Readiness Center 494 m2 (5,320 SF) 1989
ANG	Boise, ID	39.00 miles Gowen Field 78,803 m2 (848,231 SF) 1941
ARNG	Nampa, ID	60.00 miles Readiness Center 1,230 m2 (13,240 SF) 1957
ARNG	Caldwell, ID	65.00 miles Readiness Center 1,944 m2 (20,928 SF) 1963
ARNG	Caldwell, ID	67.00 miles Maintenance Facility 290 m2 (3,125 SF) 1950
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>
17721	Digital Air/Ground Integr 0 m2 (0 SF)	22,000 MAY 2016 DEC 2017
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 MAY 2016 (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):		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 22 FEB 2017		
	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 12 0	138 23 115
ACTUAL	44 2 11 31	138 23 115
12. RESERVE UNIT DATA		
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>
<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
(ACT INST SPT UNIT GOW)	W7XEAA	NGW7XEAA
	138	138
	138	138
Assigned/Authorized: 100%		

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Orchard Training Area Idaho		4. AREA CONSTRUCTION INSNO= 16A25 COST INDEX .99
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	77	77
TRAILERS	6	6
TRACKED	1	1
EQUIPMENT > 30 FT	6	6
Fuel Truck	1	1
HET	0	0
TOTALS	91	91
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Orchard Training Area Idaho				4. PROJECT TITLE Digital Air/Ground Integration Range		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17721	7. PROJECT NUMBER 85669 160176		8. PROJECT COST (\$000) Approp 22,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						16,140
17721 DAGIR Lane		LN	2 --		3406000	(6,812)
17971 Range Control Tower		m2 (SF)	222.97 (2,400)		3,229	(720)
17122 Range Ops & Strg		m2 (SF)	167.23 (1,800)		2,153	(360)
73075 Latrines		m2 (SF)	30.66 (330)		3,423	(105)
75061 Bleacher Enclosure		m2 (SF)	67.45 (726)		1,937	(131)
Total from Continuation page(s)						(8,012)
SUPPORTING FACILITIES						4,092
Electric Service		LS	--		--	(1,236)
Water, Sewer, Gas		LS	--		--	(191)
Paving, Walks, Curbs And Gutters		LS	--		--	(749)
Storm Drainage		LS	--		--	(300)
Site Imp(984) Demo()		LS	--		--	(984)
Information Systems		LS	--		--	(89)
Antiterrorism Measures		LS	--		--	(60)
Other		LS	--		--	(483)
ESTIMATED CONTRACT COST						20,232
CONTINGENCY (5.00%)						1,012
SUBTOTAL						21,244
SUPV, INSP & OVERHEAD (3.56%)						756
TOTAL REQUEST						22,000
TOTAL FEDERAL REQUEST						22,000
TOTAL FEDERAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROP						(25,831)
10. Description of Proposed Construction A standard design Digital Air/Ground Integration Range of permanent construction. The Digital Air/Ground Integration Range includes the following items that are integral to the facility: 2 Lanes, Range Control Tower, Range Operation & Storage, Latrines (Aerated), Bleacher Enclosure, Covered Mess Shelter, Range AAR Building, Battery Maintenance Building, Ammunition Loading Dock, Camera and Antenna Towers, and Instrumentation Dock. Additionally this range will contain a Bivouac Area, Unit Staging Area and associated target 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, 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 18,240 SQFT. Disposal of 1 building at Edgemeade Training Site, ID (Total 1,695 m2/18,240 SF). Air Conditioning (Estimated 123 kW/35 Tons).						
11. REQ:		NONE	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Orchard Training Area Idaho	4. PROJECT TITLE Digital Air/Ground Integration Range
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17721	7. PROJECT NUMBER 85669 160176	8. PROJECT COST (\$000) Approp 22,000
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9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY (CONTINUED)</u>					
17139 Mess Shelter	m2 (SF)	74.32 (800)	1,938	(144)	
17123 Range AAR Building	m2 (SF)	280.94 (3,024)	3,767	(1,058)	
21850 Battery Maintenance Building	m2 (SF)	55.74 (600)	3,122	(174)	
14970 Ammunition Loading Dock	m2 (SF)	26.29 (283)	1,830	(48)	
14970 Instrumentation Dock	m2 (SF)	83.61 (900)	1,830	(153)	
17721 Air/Ground Integration Village	EA	1 --	200,000	(200)	
17721 Aerial/Hover Firing Pads	EA	12 --	3,500	(42)	
17721 Camera Tower	EA	6 --	50,000	(300)	
17721 Antenna Tower	EA	2 --	25,000	(50)	
17721 MAT Emplacement	EA	8 --	380,000	(3,040)	
17721 SAT Emplacement	EA	50 --	19,850	(993)	
17721 MIT Emplacement	EA	7 --	35,000	(245)	
17721 SIT Emplacement	EA	253 --	3,000	(759)	
17721 Facades	EA	5 --	14,000	(70)	
17721 Urban Cluster, 7 Building Set	EA	1 --	193,000	(193)	
17721 Trench Complex (40M)	EA	4 --	47,000	(188)	
17721 MG Bunker	EA	4 --	9,800	(39)	
Sustainability/Energy Measures	LS	--	--	(316)	
			Total	8,012	

PROJECT: The project has been validated by ARNG-TR and approved to construct a 2 Lane Digital Air/Ground Integration Range that supports the training and testing requirements of the IDARNG. The Digital Air/Ground Integration Range is a complex used to train and test Aviation crews, teams, platoons, companies/troops along with Armor, Infantry, Stryker, unstabilized platforms and convoy live fire crews, sections, squads, and platoons on skills necessary to detect, identify, and effectively engage stationary and moving infantry and/or armor targets in a tactical array for the IDARNG. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: The range will support both Aviation and ground vehicular weapons platforms to include; the AH-64, M1 Abrams, M2 Bradley, Shadow UAV and aviation door gunnery. There is currently no equivalent range for the ARNG in the Northwest region to support units stationed in and around the State of Idaho. This range will save in annual training costs and time, and will serve Brigade sized units, of all types, from the State of Idaho and surrounding states in the Northwest region.

CURRENT SITUATION: This project is critical to the state of Idaho due to the current situation of no Digital Air/Ground Integration Ranges in the region that meet the qualification standards making it difficult for units to be trained in combined arms operations. Current facilities in the region do not allow for integrated air and ground training. This project will create a single range for units in the western United States (air and ground) for use on one range creating significant cost savings for travel to the training site. The current Multipurpose Range Complex - Heavy in Idaho does not effectively support enough of the DAGIR requirements and capabilities.

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Orchard Training Area Idaho	4. PROJECT TITLE Digital Air/Ground Integration Range
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17721	7. PROJECT NUMBER 85669 160176	8. PROJECT COST (\$000) Approp 22,000
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ADDITIONAL: (CONTINUED)

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.....	MAY 2016
(b) Percent Complete as of January 2017.....	35
(c) Date 35% Designed.....	JAN 2017
(d) Date Design Complete.....	JAN 2018
(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.....	1,195
(b) All Other Design Costs.....	677
(c) Total Design Cost.....	1,872
(d) Contract.....	1,872
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2018

(5) Construction Start..... APR 2018

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Orchard Training Area Idaho	4. PROJECT TITLE Digital Air/Ground Integration Range
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17721	7. PROJECT NUMBER 85669 160176	8. PROJECT COST (\$000) Approp 22,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)
(6) Construction Completion..... MAR 2020

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>
Night ILUM Devices	OPA	2019	1,912
NEPA	OMNG	2019	40
MAT HW	OPA	2019	800
SAT HW	OPA	2019	500
MIT HW	OPA	2019	525
WSIT HW	OPA	2019	154
DSIT HW	OPA	2019	196
SIT HW	OPA	2019	788
Control System, Video, Audio, Hand Held Control	OPA	2019	18,000
AGI Village	OPA	2019	50
BES	OPA	2019	1,200
SES	OPA	2019	290
Static target	OPA	2019	14
F F & E	OMNG	2019	62
Info Sys - ISC	OPA	2019	1,100
Info Sys - PROP	OMNG	2019	65
			135
		Total	25,831

CFMO Phone 208-272-3728
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1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017					
3. INSTALLATION AND LOCATION Presque Isle Maine		4. AREA CONSTRUCTION COST INDEX 1.10					
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	Caribou, ME	13.00 miles Readiness Center 5,198 m2 (55,953 SF) 1964					
ARNG	Caribou, ME	15.00 miles Maintenance Facility 775 m2 (8,343 SF) 1971					
ARNG	Houlton, ME	45.00 miles Readiness Center 1,689 m2 (18,178 SF) 1957					
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>CMPLE</u>					
17180	National Guard Readiness 4,032 m2 (43,403 SF)	17,500 JAN 2016 OCT 2017					
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.		15 JUN 2016 (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):		1,445					
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 22 FEB 2017							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	4	0	4	0	93	5	88
ACTUAL	4	0	4	0	93	5	88
12. RESERVE UNIT DATA							
				STRENGTH			
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
(CO ENG SPT CO (RECAP))	WY1CAA	20515	05429RNG13	91	91		
PRESQUE ISLE RECRUITERS (BN MAINE R	W90W!Q		NGW90WAA	1	1		
FSC 92G (MESS) DET TO 185 (HQ ENGIN	WQQNA4		05435KNG42	1	1		
				93	93		
Assigned/Authorized: 100%							

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Presque Isle Maine		4. AREA CONSTRUCTION COST INDEX 1.10
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	39	37
TRAILERS	17	14
TRACKED	2	2
EQUIPMENT > 30 FT	9	7
Fuel Truck	0	0
HET	0	0
TOTALS	67	60
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Presque Isle Maine				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86503 230135		8. PROJECT COST (\$000) Approp 17,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						12,947
17180 Readiness Center		m2 (SF)	4,032 (43,403)		3,003	(12,109)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Vehicle Parking (m2 (SY)	2,843 (3,400)		106.44	(303)
81122 Electric Power, Photovoltaic		EA	1 --		131,000	(131)
Sustainability/Energy Measures		LS	--		--	(254)
SUPPORTING FACILITIES						3,163
Electric Service		LS	--		--	(122)
Water, Sewer, Gas		LS	--		--	(409)
Paving, Walks, Curbs And Gutters		LS	--		--	(659)
Storm Drainage		LS	--		--	(379)
Site Imp(1,038) Demo()		LS	--		--	(1,038)
Information Systems		LS	--		--	(36)
Antiterrorism Measures		LS	--		--	(242)
Other		LS	--		--	(278)
ESTIMATED CONTRACT COST						16,110
CONTINGENCY (5.00%)						805
SUBTOTAL						16,915
SUPV, INSP & OVERHEAD (3.46%)						585
TOTAL REQUEST						17,500
TOTAL FEDERAL REQUEST						17,500
TOTAL FEDERAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						(1,321)
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) and Electric Power, Photovoltaic. Costs include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas 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 44,469 SQFT. Disposal of 1 building at Camp Keyes Training Site, ME (Total 128 m2/1,373 SF), 2 buildings at Bangor Training Site, ME (Total 3,825 m2/41,177 SF), 1 building at Gardiner Readiness Center, ME (Total 9 m2/94 SF), 2 buildings at Lewiston Armed Forces Reserve Center, ME (Total 13 m2/144 SF), 5 buildings at Portland Readiness Center & Field Maint Shop, ME (Total 144 m2/1,549 SF), and 2 buildings at Sanford Readiness Center, ME (Total 12 m2/132 SF). Air Conditioning (Estimated 496 kW/141 Tons).						

1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 19 APR 2017																			
3. INSTALLATION AND LOCATION Presque Isle Maine				4. PROJECT TITLE National Guard Readiness Center																					
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180		7. PROJECT NUMBER 86503 230135		8. PROJECT COST (\$000) Approp 17,500																			
11. REQ: 4,032 m2		ADQT: NONE		SUBSTD: NONE																					
<p><u>PROJECT:</u> To construct a 43,403 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the MEARNG. This facility will be built on state land. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is designed to meet the proper space and mission requirements of the 185th (WY1CAA) Engineer Support Company which provides the capability to support both horizontal and vertical missions. While ensuring DA directed MTOE changes are successfully met and located in a semi-remote area, the facility will effectively support recruiting and retention and civil defense operations.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Maine due to the current situation of the current facility significantly lacking specific space authorizations identified within NG PAM 415-12, the strategic northern Maine location which supports the MEARNG recruiting efforts, under overall acreage requirement for new construction and ISR deficiencies listed below.</p> <p>The State of Maine 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 Maine.</p> <p>Currently, the state of Maine has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1970.</p> <p>Current facility contains asbestos which is potentially harmful toward occupants. Fire mitigation and electrical wiring specifications do not adhere to NFPA standards and roof does not meet snow load requirements. In addition, the facility doesn't meet indoor air quality IAW ASHRAE standards 2013 62.1 and 62.2.</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>23A77</td> <td>7311</td> <td>17180</td> <td>00001</td> <td>15</td> <td>F4</td> <td>Q4</td> <td>C2</td> <td>SOLMAN STATE ARMORY</td> </tr> </tbody> </table> <p>Current facility violates federal and state ADA requirements by lacking facilities that are readily accessible to and usable by people with disabilities; for example, lack of access to goods and services to include no existing elevator, approach and entrance requirements are not met to include proper parking spaces and overall restroom room requirements are not properly met.</p> <p>Current facility does not meet the physical security standards contained within AR 190-51 and the minimum ATFP standards outlined in UFC 4-010-01.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the 185th Engineer Support Company will continue to operate out of a substandard facility that was originally designed as a beer distribution warehouse. The current facility provides a building design not conducive for the current unit's mission while significantly increasing life and safety risks. The current unit will continue to struggle to maintain adequate unit readiness levels and recruiting efforts will be hampered keeping personnel strength below</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	23A77	7311	17180	00001	15	F4	Q4	C2	SOLMAN STATE ARMORY
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name																	
23A77	7311	17180	00001	15	F4	Q4	C2	SOLMAN STATE ARMORY																	

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Presque Isle Maine	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86503 230135	8. PROJECT COST (\$000) Approp 17,500
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IMPACT IF NOT PROVIDED: (CONTINUED)
 expected levels. The O&M and OPTEMPO costs will remain a significant concern. The current design does not adequately house the unit space requirements creating a deficiency in locker room, latrine, and classroom space along with undersized Org/MOV parking where vehicles have trouble properly maneuvering. Also, the unit will continue to operate out of a facility with below standard ATFP.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

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

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

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

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

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:

(a) Design Start Date.....	JAN 2016
(b) Percent Complete as of January 2017.....	60
(c) Date 35% Designed.....	AUG 2016
(d) Date Design Complete.....	OCT 2017
(e) Parametric Cost Estimating Used to Develop Costs..	NO
 - (f) Type of Design Contract: Design-bid-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
 - (2) Basis:
 - (a) Standard or Definitive Design: NO

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Presque Isle Maine	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86503 230135	8. PROJECT COST (\$000) Approp 17,500
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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.....	953
(b) All Other Design Costs.....	540
(c) Total Design Cost.....	1,493
(d) Contract.....	1,493
(e) In-house.....	0
(4) Construction Contract Award.....	MAR 2018
(5) Construction Start.....	APR 2018
(6) Construction Completion.....	MAR 2020

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	2019	875
Kitchen Equipment (Type C)	OMNG	2019	50
ESS (171R)	OPA	2019	22
Info Sys - ISC	OPA	2019	68
Info Sys - PROP	OMNG	2019	306
		Total	1,321

CFMO Phone 207-626-4291
Number:

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017			
3. INSTALLATION AND LOCATION Sykesville Maryland		4. AREA CONSTRUCTION COST INDEX .97			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG	Reisterstown, MD	10.00 miles Readiness Center			
ARNG	Reisterstown, MD	10.00 miles FMS			
ARNG	Ellicott City, MD	12.00 miles Readiness Center			
ARNG	Pikesville, MD	13.00 miles Readiness Center			
ARNG	Westminster, MD	13.00 miles Readiness Center			
ARNG	Catonsville, MD	15.00 miles Readiness Center			
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY	SCOPE	COST (\$000) DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>START</u> <u>CMPL</u>			
17180	NATIONAL GUARD READINESS	8,403 m2 (90,445 SF) 19,000 OCT 2015 JAN 2018			
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.		27 APR 2016 (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>START</u>			
21419	COMBINED SUPPORT MAINTENANCE SHOP	4,588 m2 (49,381 SF) 15,000			
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		2,115			
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 22 FEB 2017					
	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	10 0 10 0	375 13 362			
ACTUAL	12 0 8 4	326 12 314			
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>	
<u>(CO MP CO)</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
(CO MP CO)	WDXWAA	31922	19473KNG37	169	169
729TH QM COMPOSITE SUPPLY CO (-)	WPORAA	43120	10473RNG06	206	157
				375	326
Assigned/Authorized: 87%					

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Sykesville Maryland		4. AREA CONSTRUCTION INSNO= 24B30 COST INDEX .97
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	95	95
TRAILERS	191	191
TRACKED	1	1
EQUIPMENT > 30 FT	45	45
Fuel Truck	9	9
HET	0	0
TOTALS	341	341
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Sykesville Maryland				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86371 240149		8. PROJECT COST (\$000) Approp 19,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						20,085
17180 Readiness Center		m2 (SF)	6,324 (68,075)		2,433	(15,385)
44224 Unheated Storage Building		m2 (SF)	654.04 (7,040)		1,184	(774)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		1,184	(36)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Vehicle Parking (m2 (SY)	13,336 (15,950)		155.48	(2,074)
Total from Continuation page(s)						(1,666)
SUPPORTING FACILITIES						4,738
Electric Service		LS	--		--	(161)
Water, Sewer, Gas		LS	--		--	(506)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,849)
Storm Drainage		LS	--		--	(375)
Site Imp(803) Demo()		LS	--		--	(803)
Information Systems		LS	--		--	(129)
Antiterrorism Measures		LS	--		--	(444)
Other		LS	--		--	(471)
ESTIMATED CONTRACT COST						24,823
CONTINGENCY (5.00%)						1,241
SUBTOTAL						26,064
SUPV, INSP & OVERHEAD (5.46%)						1,423
TOTAL REQUEST						27,487
State Share						3,573
Other Non-DoD Component Share						4,914
TOTAL FEDERAL REQUEST						19,000
TOTAL FEDERAL REQUEST (ROUNDED)						19,000
INSTALLED EQT-OTHER APPROP						(1,780)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Unheated Storage Building, Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Overhead Protection, and Heating Plant (Geothermal), SIPR Room, Bunk Room. Comprehensive interior design services are requested for this project. 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 75,819 SQFT. Disposal of 1 building at MG William J Witte Readiness Center, MD (Total 2,706 m2/29,127 SF), 2 buildings at BG Thomas B Baker Readiness Center, MD (Total 2,263						

1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Sykesville Maryland				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86371 240149		8. PROJECT COST (\$000) Approp 19,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
82187 Heating Plant, Geothermal		EA	1 --		522,000	(522)
14179 Overhead Protection		m2 (SF)	1,394 (15,000)		538.19	(750)
Sustainability/Energy Measures		LS	--		--	(394)
					Total	1,666
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
m2/24,356 SF), and 1 building at Comptroller Louis L Goldstein Readiness Ctr, MD (Total 2,075 m2/22,336 SF). Air Conditioning (Estimated 798 kW/227 Tons).						
11. REQ: 8,403 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 68,075 SF National Guard Readiness Center, with 7,900 SF of additional detached structures, that supports training, administrative, and logistical requirements for the MDARNG. This facility will be built on State land. (Current Mission)						
REQUIREMENT: This project is programmed for the listed units (200th Military Police Company and 729th Composite Supply Company) consisting of soldiers, vehicles and trailers, and other authorized MTOE equipment. This project is necessary to provide adequately sized training, administrative, storage, and maintenance areas for two large, equipment dense units. In a multi-unit facility, these units will obtain facility efficiencies not available in smaller, single unit facilities. The new readiness Center will provide adequate acreage in a new site to meet all DOD Anti-Terrorism/Force Protection (AT/FP) standards, and will include adequate parking areas for all required military vehicles, trailers, and other motorized equipment.						
CURRENT SITUATION: This project is critical to the state of Maryland due to the current situation of two substantially undersized and over-aged facilities in which the units are currently housed. Both of the existing facilities are significantly beyond their DOD-established useful life, exceeding 63 years old when this facility will be completed. Both facilities lack important functional capabilities and spaces, and in total contain less than 60% of unit gross space requirements. Both are situated on undersized parcels (3.58 acres and 5.67 acres) that do not meet current AT/FP standards, with severe encroachment on all sides.						
The State of Maryland 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 Maryland.						
Currently, the state of Maryland has begun the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1953.						
Maintenance Training bays are undersized and lack adequate safety egress margins described in NG Pam 415-12. Vehicle parking and interior transit roads are undersized, with insufficient turn radius for safe operation of military vehicles. Regarding Fire						

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Sykesville Maryland	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86371 240149	8. PROJECT COST (\$000) Approp 19,000
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CURRENT SITUATION: (CONTINUED)

alarm and suppression systems, the 2015 ISR-I inspection noted that the "Local Fire Marshal requires replacement" of the sprinkler system and standpipe system, and the Fire Alarm System does not work.

Both existing facilities are inefficient to operate due to age of components and utility systems. Additionally, because each is a separate, single unit facility, they require sustainment costs for duplicative shared use functional spaces such as assembly hall, POV parking, toilets & shower areas, kitchens, and classroom/instructional spaces.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
24A95	4031	17180	00001	2016	F4	Q4	C3	BG Thomas B Baker Readiness Center
24A40	6176	17180	00001	2016	F4	Q4	C3	MG William J Witte Readiness Center

The current MDARNG facilities were built in 1953 and 1957, respectively, and neither meets current codes or facility criteria.

The MDARNG Readiness Centers were built in 1953 and 1957, respectively. They are beyond the DOD useful lifespan defined in UFC 3-701-01 (DoD Facilities Pricing Guide) dtd June 2011 and updated July 2015, and neither meets current codes or facility criteria. Each of the existing facilities is located on small parcels situated within heavily congested areas. This makes it impossible to meet current Anti-Terrorism/Force Protection standoff distances.

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

The age of the facilities and component systems make it uneconomical to repair or modernize, while the very restrictive parcels and encroachment on all sides make it impossible to meet space and configuration requirements through restoration and expansion onsite.

IMPACT IF NOT PROVIDED: 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. Continued use of obsolete and under-sized facilities negatively impacts both units' ability to train on and maintain equipment, with an adverse impact on measured Soldier and unit readiness for both federal deployments and state civil support missions. These facilities will incur higher O&M costs due to use of inefficient systems, higher energy use, increased water use, and inability to achieve current Executive Order and DOD policy standards for sustainability and efficiency. Additionally, poorly configured facilities with inadequate training and

1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Sykesville Maryland			4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86371 240149		8. PROJECT COST (\$000) Approp 19,000	
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>support spaces increase OPTEMPO costs due to increased requirements to travel to and train at alternative sites.</p> <p>The existing facilities have significant shortcomings in life/safety systems as noted on the ISR-I inspections over a number of years, putting Soldiers at higher risk. Equipment maintenance and accountability suffers with inadequate operational and storage spaces as in the current facilities. Soldiers are separated from tool and parts; equipment inventories are done less frequently, and less effectively. Individual and team maintenance training is conducted less often, and less effectively. Improperly configured facilities harm Soldier morale due to issues like lack of locker space, insufficient dual gender toilet and shower space, and lack of POV parking for all assigned personnel; these issues contribute to higher Soldier attrition. Inadequate organizational parking areas require some vehicles and motorized equipment to be stored offsite. This will be significantly exacerbated as the newly activated 729th Composite Supply Company stands up, with a much larger quantity of vehicles as well as many larger, longer, heavier vehicles. The increase in vehicles is mirrored by the fielding of larger vehicles in the MP Company in FY14. Lack of space for operating military vehicles within the very cramped parcels is additionally a safety concern, as transit lanes and turning areas lack the space for vehicles to maneuver safely. Additionally, continued use of facilities and locations which do not meet AT/FP standards puts units and soldiers at increased risk. The existing parcels are sized and configured such that it is impossible to attain anything close to an 86 LF standoff distance from public roads, and facility construction is inadequate to meet blast resistance standards required inside that distance.</p> <p>The significant lack of space for organizational and individual equipment storage, as well as MOV operational and storage space, decreases the efficacy of inventory and maintenance operations, with reduced material readiness (R-level) and increased 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> <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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Sykesville Maryland	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86371 240149	8. PROJECT COST (\$000) Approp 19,000
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ADDITIONAL: (CONTINUED)
 JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has 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 2015
(b) Percent Complete as of January 2017.....	30
(c) Date 35% Designed.....	MAR 2017
(d) Date Design Complete.....	JAN 2018
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	2,326
(c) Total Design Cost.....	2,326
(d) Contract.....	2,326
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2018

(5) Construction Start..... APR 2018

(6) Construction Completion..... MAR 2020

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Sykesville Maryland	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86371 240149	8. PROJECT COST (\$000) Approp 19,000
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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	2019	950
Kitchen Equipment (Type C)	OMNG	2019	50
ESS (171R)	OPA	2019	52
Info Sys - ISC	OPA	2019	298
Info Sys - PROP	OMNG	2019	430
		Total	<u>1,780</u>

CFMO Phone 410-576-6067
Number:

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017					
3. INSTALLATION AND LOCATION Arden Hills Minnesota		4. AREA CONSTRUCTION COST INDEX 1.17					
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	Roseville, MN	3.00 miles Center					
		3,718 m2 (40,017 SF) 1936					
ARNG	St Paul (Holman), MN	2.00 miles Readiness Center					
		3,226 m2 (34,725 SF) 1931					
ARNG	St Paul (West), MN	3.00 miles Readiness Center					
		1,643 m2 (17,686 SF) 1959					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
		<u>DESIGN STATUS</u>					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
		<u>START</u>					
		<u>CMPL</u>					
17180	NATIONAL GUARD READINESS	14,220 m2 (153,067 SF)					
		39,000					
		MAR 2015					
		OCT 2017					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES		09 JUN 2016					
FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE		(Date)					
UNILATERAL CONSTRUCTION.							
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):		26,892					
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 11 AUG 2016							
	<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	69	21	48	0	587	210	377
ACTUAL	47	11	31	5	623	208	415
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
CO A (HHC DIV HQ AND HQ BN)	WPUNA0	03534	87000RNG04	163	191		
CO B (HHC DIV HQ AND HQ BN)	WPUNB0	03534	87000RNG04	218	226		
HHC (HHC DIV HQ AND HQ BN)	WPUNTO	03534	87000RNG04	202	202		
RECRUITERS (BN MINNESOTA REC & RE)	W90055		NGW900AA	4	4		
				587	623		
Assigned/Authorized: 106%							

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Arden Hills Minnesota		4. AREA CONSTRUCTION COST INDEX 1.17
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	92	90
TRAILERS	85	85
TRACKED	0	0
EQUIPMENT > 30 FT	3	3
Fuel Truck	0	0
HET	0	0
TOTALS	180	178
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Arden Hills Minnesota				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85825 270132		8. PROJECT COST (\$000) Approp 39,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						32,266
17180 Readiness Center		m2 (SF)	13,911 (149,735)		2,134	(29,682)
44224 Unheated Storage Building		m2 (SF)	309.55 (3,332)		1,292	(400)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Organizational Parking Paved		m2 (SY)	1,839 (2,200)		82.24	(151)
82187 Heating Plant, Geothermal		EA	1 --		858,000	(858)
Total from Continuation page(s)						(1,025)
SUPPORTING FACILITIES						3,618
Electric Service		LS	--		--	(56)
Water, Sewer, Gas		LS	--		--	(475)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,199)
Storm Drainage		LS	--		--	(182)
Site Imp(1,291) Demo()		LS	--		--	(1,291)
Information Systems		LS	--		--	(100)
Antiterrorism Measures		LS	--		--	(221)
Other		LS	--		--	(94)
ESTIMATED CONTRACT COST						35,884
CONTINGENCY (5.00%)						1,794
SUBTOTAL						37,678
SUPV, INSP & OVERHEAD (3.51%)						1,322
TOTAL REQUEST						39,000
TOTAL FEDERAL REQUEST						39,000
TOTAL FEDERAL REQUEST (ROUNDED)						39,000
INSTALLED EQT-OTHER APPROP						(4,041)
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, Heating Plant (Photovoltaic), and Heating Plant (Geothermal). This project will include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas for military and privately owned vehicles (522 POVs), and site improvement. 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 153,078 SQFT. Disposal of 5 buildings at Arden Hills Army Training Site, MN (Total 13,463 m2/144,918 SF), and 6 buildings at Camp Ripley, MN (Total 758 m2/8,160 SF). Air Conditioning (Estimated 1,759 kW/500 Tons).						
11. REQ: 14,220 m2		ADQT: NONE		SUBSTD: NONE		NONE

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Arden Hills Minnesota	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85825 270132	8. PROJECT COST (\$000) Approp 39,000
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)				
81122 Electric Power, Photovoltaic Sustainability/Energy Measures	EA LS	1 -- --	392,000 --	(392) (633)
			Total	1,025

PROJECT: To construct a 153,067 SF National Guard Readiness Center that supports training, administrative, and logistical requirements for the assigned ARNG unit. This facility will be built on Federal owned State Licensed land. (Current Mission)

REQUIREMENT: This facility is required to house all elements of HHC, Co A, and Co B 34th DHHB. Due to transformation of this unit to a modular and subsequently to an operational force, this unit has grown significantly in personnel, equipment and technology. The Readiness Center will provide the necessary administrative, training, secure work and storage areas required to achieve and sustain proficiency in required training task.

CURRENT SITUATION: This project is critical to the state of Minnesota due to the current situation of the units scheduled for the proposed AHATS project currently occupy space at the Rosemount (1994) and Inver Grove Heights (1998) facilities. Neither facility complies with NG Pam 415-12 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Anti-terrorism Force Protection (ATFP) requirements. Renovation is not viable because neither the Rosemount nor the Inver Grove Heights sites are large enough for expansion to the authorized space required to support the assigned units. The current space requirements for these units are 225,244 SF and have a combined on hand total of 141,999 SF. The construction of the new AHATS facility will correct the space deficiencies for proposed units, plus by retaining the current Rosemount and Inver Grove Heights locations, the MNARNG is able to significantly improve the space shortages for other units in the Twin City metropolitan area. Specifically, by relocating the 1st BCT, 34th ID from Bloomington to Rosemount, the space shortfall improves from 44% to 100% of authorized space. By moving the 34th CAB from St Paul (Holman) to Inver Grove Heights, the space shortfall improves from 32% to 69% percent. By relocating the 204th ASMC and HHD 84th Troop Command from Cottage Grove and Minneapolis to Bloomington, the space shortfall improves from 59% to 86% percent. Over the next five years new construction will increase the statewide quantity of on hand 17180 space from 51.7% to 60.5% of authorized. The low quality condition at Rosemount is largely due to "end of life" for major components i.e. roofing, HVAC, windows, etc. and will be addressed through cyclic maintenance, which is still much more cost effective than building new facilities.

The State of Minnesota 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 Minnesota.

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

1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA				2. DATE 19 APR 2017		
3. INSTALLATION AND LOCATION Arden Hills Minnesota				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180		7. PROJECT NUMBER 85825 270132		8. PROJECT COST (\$000) Approp 39,000		
<u>CURRENT SITUATION: (CONTINUED)</u>								
The facility where the current operations are being conducted was constructed in 1994.								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
27C67	7067	17180	08001	2015	F4	Q4	C4	Rosemount
27B27	5547	17180	14001	2015	F4	Q3	C4	Inver Grove Heights
<u>IMPACT IF NOT PROVIDED:</u> If not provided the units' ability to meet its readiness and training objectives will continue to be adversely affected without an adequate facility. In addition, the units and Soldiers in the related facilities will continue to be negatively affected by overcrowding in their facilities. Delays in the funding of this project will force the continued use of inadequate facilities and the space deficiencies will continue to negatively impact Soldier readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment and sustainment of required readiness levels. Construction of this facility will reduce the Minnesota Army Guard's overall shortfall in 17180 space identified in the Army's Real Property Planning and Analysis System (RPLANS).								
<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.								
<u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.								
<u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation 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.								
<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.								
<u>JOINT USE CERTIFICATION:</u> 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.								

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Arden Hills Minnesota	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85825 270132	8. PROJECT COST (\$000) Approp 39,000
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	MAR 2015
(b) Percent Complete as of January 2017.....	65
(c) Date 35% Designed.....	SEP 2015
(d) Date Design Complete.....	OCT 2017
(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.....	2,173
(b) All Other Design Costs.....	1,231
(c) Total Design Cost.....	3,404
(d) Contract.....	3,404
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2018

(5) Construction Start..... APR 2018

(6) Construction Completion..... MAR 2020

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>
Secure Area Equip.(G2 Funded)	OMNG	2019	436
F F & E	OMNG	2019	1,950
Kitchen Equipment (Type C)	OMNG	2019	50
ESS (171R)	OPA	2019	54
Info Sys - ISC	OPA	2019	846
Info Sys - PROP	OMNG	2019	705
		Total	4,041

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1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017					
3. INSTALLATION AND LOCATION Las Cruces New Mexico		4. AREA CONSTRUCTION COST INDEX 1.01					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Deming, NM	65.00 miles Readiness Center 1,301 m2 (14,000 SF) 1976					
ARNG	Dona Ana, NM	40.00 miles Maintenance Facility 5,060 m2 (54,463 SF) 1998					
USA	White Sands Missile R	100.00 miles Base 92,903 m2 (999,999 SF) 1941					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
<u>CODE</u> <u>PROJECT TITLE</u>		<u>DESIGN STATUS</u>					
		<u>SCOPE</u>					
17180	NATIONAL GUARD READINESS	3,235 m2 (34,825 SF) 8,600 (\$000) JUL 2015 DEC 2017					
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 MAY 2016 (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):		9,200					
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 22 FEB 2017							
	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	46	4	31	11	586	46	540
ACTUAL	37	0	20	17	557	48	509
12. RESERVE UNIT DATA							
				STRENGTH			
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
CO C (BN AVN SECURITY AND S)	WYKGC0		01655ENG15	50	53		
HHC (BN INF BN (IBCT))	WP8KT0	30701	07215KNG20	169	182		
(CO MP CO)	WP4XAA		19473KNG44	163	169		
CO C (BN INF BN (IBCT))	WP8KC0	30701	07215KNG20	131	79		
(CO FWD SPT CO (INF) B)	WPN3AA	30701	63037KNG15	72	73		
RSP PROGRAM (BN NEW MEXICO REC & R)	W908A4		NGW908AA	1	1		
				586	557		
Assigned/Authorized: 95%							

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Las Cruces New Mexico		4. AREA CONSTRUCTION COST INDEX 1.01
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	132	132
TRAILERS	175	175
TRACKED	0	0
EQUIPMENT > 30 FT	12	12
Fuel Truck	2	2
HET	0	0
TOTALS	321	321
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Las Cruces New Mexico				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86770 350200		8. PROJECT COST (\$000) Approp 8,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						8,999
17180 Readiness Center Addition		m2 (SF)	3,082 (33,175)		2,680	(8,261)
44224 Unheated Storage Building Additi		m2 (SF)	102.19 (1,100)		2,109	(215)
44228 Controlled Waste Facility Additi		m2 (SF)	30.66 (330)		1,228	(38)
44240 Flammable Materials Facility Add		m2 (SF)	20.44 (220)		1,387	(28)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Total from Continuation page(s)						(307)
SUPPORTING FACILITIES						3,328
Electric Service		LS	--		--	(79)
Water, Sewer, Gas		LS	--		--	(239)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,272)
Storm Drainage		LS	--		--	(113)
Site Imp(180) Demo()		LS	--		--	(180)
Information Systems		LS	--		--	(117)
Antiterrorism Measures		LS	--		--	(127)
Other		LS	--		--	(1,201)
ESTIMATED CONTRACT COST						12,327
CONTINGENCY (5.00%)						616
SUBTOTAL						12,943
SUPV, INSP & OVERHEAD (3.41%)						441
TOTAL REQUEST						13,384
State Share						3,346
Other Non-DoD Component Share						1,438
TOTAL FEDERAL REQUEST						8,600
TOTAL FEDERAL REQUEST (ROUNDED)						8,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility: Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Unheated Storage Building, Controlled Waste Facility, Flammable Materials Facility, and Electric Power, Photovoltaic. Unusual design requirements include comprehensive interior design, aviation space such as hangar space, aviation operations, and ground support storage. 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 (54 spaces), and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA (IE&E) Sustainable Design and Development Policy Update Dec 2013. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 38,419 SQFT. Disposal of 2 buildings at Artesia Readiness Center, NM (Total 1,715 m2/18,458 SF), and 2						

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Las Cruces New Mexico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86770 350200	8. PROJECT COST (\$000) Approp 8,600
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
85210 Organizational Vehicle Parking (m2 (SY)		2,049 (2,450)	41.86	(86)
81122 Electric Power, Photovoltaic Sustainability/Energy Measures	EA LS	1 -- --	45,000 --	(45) (176)
			Total	307

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
buildings at Truth or Consequences Readiness Center, NM (Total 1,854 m2/19,961 SF). Air Conditioning (Estimated 503 kW_r/143 Tons).

11. REQ: 3,235 m2 ADQT: 3,697 m2 SUBSTD: NONE
PROJECT: To construct a 34,825 SQFT National Guard Readiness Center that supports training, administrative and logistic requirements for the NMARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This facility is designed to meet the permanent facility construction requirements of the NMARNG allowing divestment from a leased facility for the listed units soldiers: WYKGC0 140th Aviation, C Company, 20150901. The Readiness Center will share a drill hall and physical fitness area with a Readiness Center that is located on the same site.

CURRENT SITUATION: This project is critical to the state of New Mexico due to the current situation of maintaining the security and integrity of the border missions. The unit currently reside in two leased facilities which do not meet physical security requirements putting equipment and personnel in harms way, have safety issues such as maximum building occupancy of 15 personnel, and have unmet maintenance issues that if further neglected could pose health issues for personnel. The current facilities have inadequate space for soldiers to work in causing unsafe conditions. Functional areas are not compliant with NG PAM 415-12 and do not meet required facility occupancy limits to support 60+ soldiers. The facilities have been neglected multiple times over after a leaking roof caused flooding. The facilities do not have adequate cooling which poses health risks in the summer.

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

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

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

There currently is no facility to complete the mission.

The probability that risk is being taken on a daily basis was derived with these variables in mind. It is determined that the probability of an accident occurring is very "Probable" The severity was determined to be "Major" because any occurrence would realize

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Las Cruces New Mexico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86770 350200	8. PROJECT COST (\$000) Approp 8,600
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CURRENT SITUATION: (CONTINUED)
major property damage.

Environmental issues include: A site investigation revealed that the existing pavement for the ramp and parking aprons are in bad condition revealing chunks of loose asphalt and gravel causing a potential safety issue and may aircraft damage. The most likely damage would be a chipped rotor, which would throw the rotor out of balance transmitting excessive vibrations through the engine and transmission.

Safety issues include; limited electrical outlets, hangar has limited AC and has supplemental swamp coolers with no readily available water or electrical source and both are acquired via extension cords and water hoses, facility hangar doors do not seal with the floor, both facilities lack fire suppression systems, and posted occupancy loads don't support manning.

The current lease costs are \$75K annually (federally funded) and meet only 12% of the requirement authorized for this unit. The unit has conducted many self-help projects in the absense of the ability to utilize SRM dollars on leased facilities per NG PAM 420-10.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
		17180					C4	Lease Facility

The site has numerous code violations to include: Exterior walls located less than 30 feet (9144 mm) from lot lines or a public way shall have a fire-resistance rating not less than 2 hours. Heating equipment shall be placed in another room separated by 2-hour fire barriers constructed in accordance with Section 707 or horizontal assemblies constructed in accordance with Section 711, or both. Entrance shall be from the outside or by means of a vestibule providing a two-doorway separation.

NMARNG is seeking a waiver with the Federal Aviation Administration (FAA) to allow for a taxi-way connection onto the airport through the currently fenced area.

The current space does not allow the unit any military vehicle parking for the MTOE, the alternate is to use a Readiness Center that is located in close proximity to the leased sites.

IMPACT IF NOT PROVIDED: If this project is not provided the units will be forced to continue to operate out of dilapidated buildings that do not properly secure unit equipment, nor provide for proper ventilation and controlled heating/cooling for Aviation Life Support Equipment (ALSE) equipment. The credibility of the units and their missions will continue to be thwarted by the lack of appropriate facilities. The borrowed Readiness Center space will affect the State as a whole through second and third order effects because of the necessary consolidation of spaces, where equipment, personnel, and vehicles will be compromised.

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

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Las Cruces New Mexico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86770 350200	8. PROJECT COST (\$000) Approp 8,600
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ADDITIONAL: (CONTINUED)
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. The facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JUL 2015
(b) Percent Complete as of January 2017.....	30
(c) Date 35% Designed.....	MAR 2017
(d) Date Design Complete.....	JAN 2018
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	1,158
(c) Total Design Cost.....	1,158
(d) Contract.....	1,158
(e) In-house.....	0

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Las Cruces New Mexico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86770 350200	8. PROJECT COST (\$000) Approp 8,600
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(4) Construction Contract Award.....	APR 2018
(5) Construction Start.....	MAY 2018
(6) Construction Completion.....	DEC 2020

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	2019	430
ESS (171R)	OPA	2019	22
Info Sys - ISC	OPA	2019	172
Info Sys - PROP	OMNG	2019	313
		Total	937

CFMO Phone 505-474-1880
Number:

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1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017					
3. INSTALLATION AND LOCATION Fort Pickett Virginia		4. AREA CONSTRUCTION COST INDEX .88					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 350 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
AR	Fort Pickett, VA	3.00 miles	Readiness Center	3,377 m2	(36,349 SF)	1979	
ARNG	Fort Pickett, VA	3.00 miles	Readiness Center	4,961 m2	(53,403 SF)	1941	
ARNG	Blackstone, VA	5.00 miles	Readiness Center	2,661 m2	(28,645 SF)	1986	
ARNG	Petersburg, VA	30.00 miles	Readiness Center	2,786 m2	(29,993 SF)	1971	
ARNG	Farmville, VA	30.00 miles	Readiness Center	1,193 m2	(12,845 SF)	1956	
ARNG	Powhatan, VA	50.00 miles	Readiness Center	2,798 m2	(30,113 SF)	2001	
7. PROJECTS REQUESTED IN THIS PROGRAM							
<u>CATEGORY</u>		<u>COST</u>		<u>DESIGN STATUS</u>			
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>	
14129	TRAINING AIDS CENTER		2,245 m2 (24,162 SF)	4,550	OCT 2015	DEC 2017	
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 AUG 2016 (Date)		
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
<u>CATEGORY</u>				<u>COST</u>			
<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 22 FEB 2017							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	0	0	0	0	152	24	128
ACTUAL	114	6	10	98	166	15	151
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(CTR ARNG MNV TNG CTR)	W8GXAA	66755	NGW8GXAA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				152	166		
				152	166		
Assigned/Authorized: 109%							

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Fort Pickett Virginia		4. AREA CONSTRUCTION INSNO= 51541 COST INDEX .88
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	147	148
TRAILERS	17	11
TRACKED	9	9
EQUIPMENT > 30 FT	3	2
Fuel Truck	3	3
HET	0	0
TOTALS	179	173
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Fort Pickett Virginia				4. PROJECT TITLE TRAINING AIDS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 14129	7. PROJECT NUMBER 85727 510417		8. PROJECT COST (\$000) Approp 4,550	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						3,864
14129 Other Building		m2 (SF)	1,656 (17,826)		2,173	(3,598)
00000 Overhead Protection		m2 (SF)	588.63 (6,336)		322.92	(190)
Sustainability/Energy Measures		LS	--		--	(76)
SUPPORTING FACILITIES						343
Electric Service		LS	--		--	(24)
Water, Sewer, Gas		LS	--		--	(46)
Paving, Walks, Curbs And Gutters		LS	--		--	(29)
Storm Drainage		LS	--		--	(75)
Site Imp(77) Demo(36)		LS	--		--	(113)
Information Systems		LS	--		--	(7)
Antiterrorism Measures		LS	--		--	(44)
Detached Facility Sign		LS	--		--	(5)
ESTIMATED CONTRACT COST						4,207
CONTINGENCY (5.00%)						210
SUBTOTAL						4,417
SUPV, INSP & OVERHEAD (3.01%)						133
TOTAL REQUEST						4,550
TOTAL FEDERAL REQUEST						4,550
TOTAL FEDERAL REQUEST (ROUNDED)						4,550
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction A specially designed National Guard Training Aids Center of permanent construction. This project will include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, walks, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance 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 27,090 SQFT. Disposal of 3 buildings (Total 2,517 m2/27,090 SF). Air Conditioning (Estimated 193 kW/55 Tons).						
11. REQ: 2,245 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct a 17,826 SQFT Training Aids Center with overhead protection that supports requirements for the VAARNG. This facility will be built on Federal Land. (Current Mission)						
REQUIREMENT: This facility is designed to meet installation Training Aids Center requirements for units training at Ft Pickett. Ft Pickett is a multi-component training center supporting active and reserve component units from West Virginia, North Carolina						

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Fort Pickett Virginia	4. PROJECT TITLE TRAINING AIDS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14129	7. PROJECT NUMBER 85727 510417	8. PROJECT COST (\$000) Approp 4,550
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ADDITIONAL: (CONTINUED)

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2015
(b) Percent Complete as of January 2017.....	30
(c) Date 35% Designed.....	MAR 2017
(d) Date Design Complete.....	DEC 2017
(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.....	251
(b) All Other Design Costs.....	142
(c) Total Design Cost.....	393
(d) Contract.....	393
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2018

(5) Construction Start..... APR 2018

(6) Construction Completion..... APR 2020

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Fort Pickett Virginia	4. PROJECT TITLE TRAINING AIDS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14129	7. PROJECT NUMBER 85727 510417	8. PROJECT COST (\$000) Approp 4,550
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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	2019	192
Info Sys - ISC	OPA	2019	20
Info Sys - PROP	OMNG	2019	133
		Total	<hr/> 345

CFMO Phone 434-298-6423
Number:

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017					
3. INSTALLATION AND LOCATION Tumwater Washington	INSNO= 53B70	4. AREA CONSTRUCTION COST INDEX 1.12					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
AR	Olympia, WA	7.00 miles USAR Center 4,539 m2 (48,857 SF) 1938					
ARNG	Centralia, WA	23.00 miles Readiness Center 3,464 m2 (37,288 SF) 1937					
USA	JBLM, WA	31.00 miles Base 9,290,300 m2 (99,999,999 SF)1917					
ARNG	Camp Murray, WA	33.00 miles Base 49,679 m2 (534,738 SF) 1916					
USAF	McCord, WA	36.00 miles Base 9,290,300 m2 (99,999,999 SF)1930					
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>CPL</u>					
17180	NATIONAL GUARD READINESS 10,399 m2 (111,933 SF)	31,000 JUN 2015 DEC 2017					
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.		13 JUL 2016 (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 22 FEB 2017							
	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	26	3	23	0	314	28	286
ACTUAL	26	3	23	0	314	28	286
12. RESERVE UNIT DATA							
				STRENGTH			
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
CO A (SQ CAV SQ (IBCT))	WPRVA0	12081	17215KNG72	92	92		
HHB (BN FA BN, 155T (SBCT))	WPRGT0	12081	06325KNG38	121	121		
FWD SPT CO, DET 1 F CO (BN BDE SPT	WQYTF1	12081	63055KNG02	17	17		
BTRY C (BN FA BN, 155T (SBCT))	WPRGCO		06325KNG38	84	84		
				314	314		
Assigned/Authorized: 100%							

1. COMPONENT ARNG	FY 2018 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 19 APR 2017
3. INSTALLATION AND LOCATION Tumwater Washington		4. AREA CONSTRUCTION INSNO= 53B70 COST INDEX 1.12
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	83	83
TRAILERS	67	67
TRACKED	0	0
EQUIPMENT > 30 FT	6	6
Fuel Truck	0	0
HET	0	0
TOTALS	156	156
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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Tumwater Washington				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85651 530129		8. PROJECT COST (\$000) Approp 31,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						25,967
17180 Readiness Center		m2 (SF)	7,589 (81,682)		2,917	(22,136)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		1,337	(41)
44240 Flammable Materials Facility		m2 (SF)	20.44 (220)		1,401	(29)
44263 Unheated Encl/Shed-TP Vhcl Strg		m2 (SF)	2,759 (29,701)		1,033	(2,851)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Total from Continuation page(s)						(760)
SUPPORTING FACILITIES						8,114
Electric Service		LS	--		--	(167)
Water, Sewer, Gas		LS	--		--	(300)
Paving, Walks, Curbs And Gutters		LS	--		--	(2,025)
Storm Drainage		LS	--		--	(460)
Site Imp(779) Demo()		LS	--		--	(779)
Information Systems		LS	--		--	(99)
Antiterrorism Measures		LS	--		--	(574)
Other		LS	--		--	(3,710)
ESTIMATED CONTRACT COST						34,081
CONTINGENCY (5.00%)						1,704
SUBTOTAL						35,785
SUPV, INSP & OVERHEAD (6.14%)						2,197
TOTAL REQUEST						37,982
Other Non-DoD Component Share						6,982
TOTAL FEDERAL REQUEST						31,000
TOTAL FEDERAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						(2,747)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, and Enclosed Unheated Vehicle Storage. This project will include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. The Fire Finder Radar Systems will need grounding and external power supply to operate. 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 115,784 SQFT. Disposal of 1 building at Ellensburg Readiness Center, WA (Total 1,248 m2/13,432 SF), 3 buildings at Olympia Readiness Center, WA (Total 4,539 m2/48,857 SF), 1 building at Pasco Readiness Center, WA						

1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Tumwater Washington				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85651 530129		8. PROJECT COST (\$000) Approp 31,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
85210 Organizational Vehicle Parking (m2 (SY)			2,260 (2,703)		111.23	(251)
Sustainability/Energy Measures LS			--		--	(509)
					Total	760
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
(Total 520 m2/5,600 SF), 2 buildings at Port Angeles Readiness Center, WA (Total 710 m2/7,642 SF), 3 buildings at Puyallup Readiness Center, WA (Total 1,607 m2/17,300 SF), 3 buildings at Pier 91 Readiness Center, WA (Total 1,303 m2/14,028 SF), 1 building at Snohomish Readiness Center, WA (Total 10 m2/110 SF), 2 buildings at Geiger Field, WA (Total 465 m2/5,000 SF), and 1 building at Toppenish Readiness Center, WA (Total 354 m2/3,815 SF). Air Conditioning (Estimated 960 kW _r /273 Tons).						
11. REQ: 10,399 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 111,933 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the WAARNG. This facility will be built on State land. (Current Mission)						
REQUIREMENT: The Readiness Center will provide the authorized administrative, training and storage areas to allow units to achieve proficiency in required training tasks, improve readiness and maintain soldier morale. Headquarters and Headquarters Battery, (HHB)2nd Battalion 146th Field Artillery (WPRGT0); Detachment 1, C Battery, 2nd Battalion 146th Field Artillery(WPRGCl); Troop A, 1-303 Armored Cavalry Regiment (WPRVA0)and Det 1, F Co, 181 BSB.						
CURRENT SITUATION: This project is critical to the state of Washington due to the current situation of the facilities currently supporting this mission were built in 1939 and 1954 and do not comply with NG Pam 415-12, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with Disabilities Act (ADA), and Anti-terrorism Force Protection (ATFP) requirements.						
The State of Washington 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 Washington.						
Currently, the state of Washington has begun the environmental assessment on this project.						
The facility where the current operations are being conducted was constructed in 1939.						
The current Washington ARNG facilities are inadequate for authorized space criteria, quality of the facility and property that is landlocked in an older residential section of the city preventing any future expansion or addition/alteration to the existing facility. The facility jeopardizes training for lack of space and current modern IT infrastructure, but more significantly jeopardizes recruiting and retention. The ability						

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Tumwater Washington	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85651 530129	8. PROJECT COST (\$000) Approp 31,000
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CURRENT SITUATION: (CONTINUED)

of the Washington ARNG to recruit and/or retain soldiers from the third largest city and the capital in Washington is directly jeopardized by not having a modern Readiness Center.

The Safety Office conducted an inspection annotating safety violations at the Olympia Armory dated 3 June 2006 that include: unsafe POV access/egress & parking situation, outdated electrical system, safety hazards due to egress setup of doorways and stairwells, lead contamination that is likely due to a remediated indoor firing range's air handling ducts, and air quality/microbial growth due to mold growing in facility from water leaks.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
53A85	6623	17180	00001	2104	F4	Q4	C3	Olympia Readiness Center
53B15	6905	17180	00001	2014	F4	Q4	C4	Puyallup Readiness Center

Both the Olympia Armory (1939) and the Puyallup Armory (1954) are not in compliance with current state electrical, plumbing and structural codes.

These facilities do not meet current Federal or State code for: fire, electrical, mechanical, energy or ADA. Per NG Pam 415-12 criteria the facility is lacking adequate training areas, administrative space, supply space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space. The facilities do not meet the Anti-Terrorism Force Protection standoff distance since the property has public streets on all four sides of the property in a residential area.

IMPACT IF NOT PROVIDED: If this project is not provided the facilities will continue to go beyond their useful life based on life cycle of 25 years. The current facilities were built in 1939 and 1954 with utilities and structural deterioration ongoing. The units' ability to meet its readiness, recruiting, retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. In addition, the funding diverted to maintain and continuously repair the existing facility could be better spent in the construction of a new replacement facility. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.

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

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Tumwater Washington	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85651 530129	8. PROJECT COST (\$000) Approp 31,000
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ADDITIONAL: (CONTINUED)
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.....	JUN 2015
(b) Percent Complete as of January 2017.....	35
(c) Date 35% Designed.....	JAN 2017
(d) Date Design Complete.....	JAN 2018
(e) Parametric Cost Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	3,191
(c) Total Design Cost.....	3,191
(d) Contract.....	3,191
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2018

(5) Construction Start..... APR 2018

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Tumwater Washington	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85651 530129	8. PROJECT COST (\$000) Approp 31,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)
(6) Construction Completion..... MAR 2020

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>
State Funded Tails	State	2018	178
F F & E	OMNG	2019	1,550
Kitchen Equipment (Type C)	OMNG	2019	50
ESS (171R)	OPA	2019	54
Info Sys - ISC	OPA	2019	429
Info Sys - PROP	OMNG	2019	486
		Total	2,747

CFMO Phone 253-512-8702
Number:

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1. COMPONENT ARNG		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT		6. CATEGORY CODE 00000	7. PROJECT NUMBER 86773 990022		8. PROJECT COST (\$000) Approp 16,731	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY	00000 Unspecified Minor Construction	LS	--		--	16,731 (16,731)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						16,731
CONTINGENCY (0.00%)						0
SUBTOTAL						16,731
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						16,731
TOTAL FEDERAL REQUEST						16,731
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	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.....						
(b) Percent Complete as of January 2017.....						
						0

1. COMPONENT ARNG	FY 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Minor Construction Worldwide Various	4. PROJECT TITLE Unspecified Minor Construction
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86773 990022	8. PROJECT COST (\$000) Approp 16,731
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

- (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 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 19 APR 2017	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT		6. CATEGORY CODE 00000	7. PROJECT NUMBER 86774 990033		8. PROJECT COST (\$000) Approp 16,271	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						16,271
00000 Planning and Design		LS	--		--	(16,271)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						16,271
CONTINGENCY (0.00%)						0
SUBTOTAL						16,271
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						16,271
TOTAL FEDERAL REQUEST						16,271
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 2018 program; for advancement to final design of projects in FY 2019 and for initiation of design of projects in FY 2020. 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 2018 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 19 APR 2017
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3. INSTALLATION AND LOCATION Planning and Design Worldwide Various	4. PROJECT TITLE Planning and Design
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 86774 990033	8. PROJECT COST (\$000) Approp 16,271
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Design Start Date.....
 - (b) Percent Complete as of January 2017..... 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		