## DEPARTMENT OF THE ARMY ARMY NATIONAL GUARD

FISCAL YEAR (FY) 2019

**Budget Estimates** 

## **MILITARY CONSTRUCTION**





## JUSTIFICATION DATA SUBMITTED TO CONGRESS FEBRUARY 2018



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## DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2019 ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	REQUEST	APPROPRIATION REQUEST	MISSION	PAGE
Alaska	020143	Joint Base Elmendorf-Richardson UNITED STATES PROPERTY & FISCAL OFFICE BUILDING	27,000	27,000	С	1
		Subtotal Joint Base Elmendorf-Richardson	\$ 27,000	27,000		
		* TOTAL MCNG FOR Alaska	\$ 27,000	27,000		
Illinoi	s 171510	Marseilles AUTOMATED RECORD FIRE RANGE	5,000	5,000	С	9
		Subtotal Marseilles	\$ 5,000	5,000		
		* TOTAL MCNG FOR Illinois	\$ 5,000	5,000		
Montana		Malta				
	300031	National Guard Readiness Center	15,000	15,000	N	17
		Subtotal Malta	\$ 15,000	15,000		
		* TOTAL MCNG FOR Montana	\$ 15,000	15,000		
Nevada	320157	North Las Vegas NATIONAL GUARD READINESS CENTER	32,000	32,000	С	25
		Subtotal North Las Vegas	\$ 32,000	32,000		
		* TOTAL MCNG FOR Nevada	\$ 32,000	32,000		
New Ham	pshire 330043	Pembroke  NATIONAL GUARD READINESS CENTER	12,000	12,000	С	33
		Subtotal Pembroke	\$ 12,000	12,000		
		* TOTAL MCNG FOR New Hampshire	\$ 12,000	12,000		

## DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2019 ARMY NATIONAL GUARD

STATE PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	REQUEST	APPROPRIATION ( REQUEST N	MISSION	PAGE
North Dakota 380116	Fargo National Guard Readiness Center	32,000	32,000	C	41
	Subtotal Fargo	\$ 32,000	32,000		
	* TOTAL MCNG FOR North Dakota	\$ 32,000	32,000		
Ohio 390285	Camp Ravenna AUTOMATED MULTI-PURPOSE MACHINE GUN RANGE	7,400	7,400	C	49
	Subtotal Camp Ravenna	\$ 7,400	7,400		
	* TOTAL MCNG FOR Ohio	\$ 7,400	7,400		
South Dakota 460115	Rapid City NATIONAL GUARD READINESS CENTER	15,000	15,000	С	57
	Subtotal Rapid City	\$ 15,000	15,000		
	* TOTAL MCNG FOR South Dakota	\$ 15,000	15,000		
Worldwide Various 990022	Minor Construction Unspecified Minor Construction	0	18,100		65
	Subtotal Minor Construction	\$ 0	18,100		
990033	Planning and Design Planning and Design	0	16,622		67
	Subtotal Planning and Design	\$ 0	16,622		
	* TOTAL MCNG FOR Worldwide Various	\$ 0	34,722		
** ARMY NATIONA	AL GUARD TOTAL	\$ 145,400	180,122		

## DEPARTMENT OF THE ARMY

## MILITARY CONSTRUCTION PROGRAM FY 2019

### ARMY NATIONAL GUARD

STATE		CITY/INSTALLATION			NEW/	
	PROJECT		AUTHORIZATION	APPR	OPRIATION CURRENT	
	NUMBER	PROJECT TITLE	REQUEST		REQUEST MISSION	PAGE
		Total Cost of New Mission Projects	(1)	\$	15,000	
		Total Cost of Current Mission Projects	(7)	\$	130,400	
		Total Cost of other line items	(2)	\$	34,722	
		Total Cost of FY 2019 MCNG Projects	(10)	\$	180,122	

Military Construction Army National Guard, Future Years Defense Program FY 2019- FY 2023

## Military Construction Army National Guard, Future Years Defense Program FY 2019- FY 2023

	MDEP		ERED	VSRM	VSRM	EMNT	VSRM	EMNT	VSRM	ERED	ERED	ERED	EMNT	ERED	ERED	EMNT	VSRM	ERED	ERED	E315	E314	
:	Pax No		85380	84634	85610	85440	85732	85448	85731	85457	85645	85464	85465	85475	85502	85505	85615	85532	85572	86777	86778	_
	Proj No	2020	010908	060441	120213	240147	250194	270203	280408	290186	310102	310113	310140	330050	410306	420103	450377	491201	531201	990022	990033	
	Explanation				(8,100) Moved from 2020 to 2023.				8,100 Moved from 2019 to 2020, reduced cost.			TAG requested project exchange. Replace 310113 by 310140.	9,300 TAG requested project exchange. Replace 310113 by 310140.				(5,400) Moved from 2020 to 2022.					
i	Change	0	0	0	(8,100)	0	0	0	8,100	0	0	(9,300)	9,300	0	0	0	(5,400)	0	0	0	(1,854)	-7.254
FYDP	PB18		12,000	10,000	8,100	12,000	9,700	11,200	0	12,000	29,000	9,300	0	5,950	9,300	23,000	5,400	12,000	11,400	15,000	20,723	216.073
Budgeted	Amount		12,000	10,000	0	12,000	9,700	11,200	8,100	12,000	29,000	0	9,300	5,950	9,300	23,000	0	12,000	11,400	15,000	18,869	208.819
	Project Title	2020	National Guard Readiness Center	Automated Multipurpose Machine Gun (MPMG) Range	Automated Multipurpose Machine Gun (MPMG) Range	Combined Support Maintenance Shop	Automated Multipurpose Machine Gun (MPMG) Range	National Guard Vehicle Maintenance Shop	Automated Multipurpose Machine Gun Range	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Readiness Center Addition	Armed Forces Reserve Center Building Addition	Combined Support Maintenance Shop	Automated Multipurpose Machine Gun (MPMG) Range	National Guard Readiness Center	National Guard Readiness Center	Unspecified Minor Construction	Planning and Design	Total FY 2020 Program Reguest
:	Town or Installation	2020	Foley	Camp Roberts A	Camp Blanding A	Havre De Grace	Camp Edwards A	New Ulm	Camp Shelby A	Springfield	Bellevue	North Platte	North Platte	Concord	Klamath Falls A	Moon Township	Camp McCrady A	Nephi	Richland	Various	Various	
ċ	State	2020	AL	CA	F	MD	MA	Z	MS	MO	NE	N N	N N	Ä	OR	PA	SC	T	WA			
;	Year	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	

Military Construction Army National Guard, Future Years Defense Program FY 2019- FY 2023

				Budgeted	FYDP					
Year	State	E Town or Installation	Project Title	Amount	PB18	<u>Change</u>	<u>Explanation</u>	Proj No	Pax No	MDEP
2021	2021	1 2021	2021			0		2021		
2021	ΑZ	Tucson	National Guard Readiness Center	18,100	18,100	0		040037	85384	ERED
2021	AR	Fort Chaffee	National Guard Readiness Center	15,000	15,000	0		020170	85387	ERED
2021	S	Bakersfield	National Guard Vehicle Maintenance	6,300	9,300	0		060261	85389	EMNT
2021	8	Fort Carson	National Guard Readiness Center	15,000	15,000	0		080295	85390	ERED
2021	=		National Guard Vehicle Maintenance	15,000	15,000	0		170077		EMNT
2021	Z	Shelbyville	National Guard Readiness Center Add/Alt	12,000	12,000	0		180202	86480	ERED
2021	₹	Frankfort	National Guard/Reserve Center Building	15,000	15,000	0		210054	85431	ERED
2021	F	Lake Charles	National Guard Readiness Center	15,000	15,000	0		220141	85434	ERED
2021	MS		National Guard Vehicle Maintenance Shop	10,400	10,400	0		280381	85452	EMNT
2021	3	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center	15,000	15,000	0		340132	85478	ERED
2021	S		National Guard Vehicle Maintenance Shop	15,000	15,000	0		371602	90308	EMNT
2021	Н	Columbus	National Guard Readiness Center	15,000	15,000	0		390160	85495	ERED
2021	Š		National Guard Vehicle Maintenance Shop	9,800	9,800	0		400602	85570	EMNT
2021	SC	Summerville	National Guard Readiness Center	15,000	15,000	0		450109	85519	ERED
2021	Z		National Guard Readiness Center	11,200	11,200	0		470030	85525	ERED
2021	ĭ	Laredo	National Guard Vehicle Maintenance Shop	000'9	6,000	0		481104	86690	EMNT
2021	ĭ	Fort Worth	National Guard Vehicle Maintenance Shop	7,800	7,800	0		481315	86691	EMNT
2021	≷	Appleton	National Guard Readiness Center Add/Alt	11,600	11,600	0		550148	85553	ERED
2021		Various	Unspecified Minor Construction	11,900	11,900	0		990022		E315
2021		Various	Planning and Design	13,845	16,126	(2,281)		990033	88446	E314
			Total FY 2021 Program Request	256,945	259,226	-2,281				

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# Military Construction Army National Guard, Future Years Defense Program FY 2019- FY 2023

	MDEP		ERED	11 ERED	3 ERED	2 ERED	0 EMNT			5 EITS	7 ERED	9 ERED		11 ERED	1 VSRM	5 EMNT	8 ERED	00 ERED	e EMNT	4 ERED	1 ERED	5 VSRM	7 ERED	'2 ERED	3 EMNT	6 EMNT	1 ERED	7 EMNT	6 E315		
	Pax No		86462		88233	86472	85400			85565	85407	85409	85411		85611	85435	80998	85460	96998	86704	85511	85615	85537	90672	82906	85546	85551	85557	90716		
	Proj No	2022	021128	040530	090040	100093	111083		120214	130131	140052	150084	160098	200105	210293	230125	260247	300049	361403	380058	430068	450377	500073	510075	510091	520040	540227	560903	990022	990033	
	Explanation								5,800 Increased Cost						(5,800) Moved from 2022 to 2023, increased cost.							5,400 Moved from 2020 to 2022.									
	<u>Change</u>	0	0	0	0	0	0	-	5,800 Incr	0	0	0	0	0	(5,800) Mov	0	0	0	0	0	0	5,400 Mov	0	0	0	0	0	0	0	(3,826)	1,574
FYDP	PB18		34,000	11,600	17,500	16,000	15,000		10,400	13,200	34,000	29,000	15,000	15,000	5,800	16,000	16,000	16,000	17,000	15,500	16,500	0	14,800	6,100	6,900	15,000	14,000	14,800	18,000	26,282	429,382
Budgeted	Amount		34,000	11,600	17,500	16,000	15,000	0	16,200	13,200	34,000	29,000	15,000	15,000	0	16,000	16,000	16,000	17,000	15,500	16,500	5,400	14,800	6,100	006'9	15,000	14,000	14,800	18,000	22,456	430,956
	Project Title	2022	National Guard Readiness Center	Combined Support Maintenance Shop	Add/Alt	Scout RECCE Gunnery Complex	Enlisted Barracks, Transient Training	National Guard Readiness Center	National Guard Readiness Center Addition	National Guard Readiness Center	National Guard/Reserve Center Building Addition	Multipurpose Machine Gun (MPMG) Range	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard/Reserve Center Building Addition	Automated Multipurpose Machine Gun (MPMG) Range	National Guard Readiness Center	National Guard Readiness Center Addition	Combined Support Maintenance Shop Addition	National Guard Vehicle Maintenance Shop	National Guard Readiness Center Addition	National Guard Vehicle Maintenance Shop	Unspecified Minor Construction	Planning and Design	Total FY 2022 Program Request			
	Town or Installation	2022	Wasilla	Goodyear		stle		<u>g</u> r	ng	Fort Benning	Barrigada	Kapolei	Twin Falls	Topeka	Wendell H. Ford Training Center F		Grayling	Butte	Troy	Dickinson	Fort Buchanan	Camp McCrady	Bennington	Roanoke	Roanoke (	St. Thomas	Buckhannon	Lovell	Various		
	<u>State</u>	2022			2 CT	2 DE	2 DC	-		2 GA	2 GU	Ξ		2 KS	K K	2 ME		2 MT	2 NY			2 SC		2 VA	2 VA	5	2 W	Z W	2	5	
	Year	2022	2022	2022	2022	2022	2022		2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	

# Military Construction Army National Guard, Future Years Defense Program FY 2019- FY 2023

	MDEP		ERED	ERED	VSRM	ERED	VSRM	EMNT	EMNT	EMNT	ERED		VSRM	ERED		ERED	ERED		EMNT	EMNT	ERED	ERED	ERED	ERED			ERED	E315		
	Pax No		85381	90207	85715	85563	85610	88235	85412	90193	86700	86487	85611	85449	88251	86626	88255	85479	86635	90220	85496	85503	86705	85520	80224	80764	86664	90716	90717	
	Proj No	2023	010907	021024	050186	080057	120213	120324	160069	171608	180203	190191	210293	270015	290179	320159	330399	340131	350104	350105	390214	410093	420173	450193	460158	470195	550184	990022	990033	
	<u>Explanation</u>		17,000 Accelerated from the Infrastructure Requirements Plan	30,000 Accelerated from the Infrastructure Requirements Plan	8,000 New Range Program Project	5,500 Accelerated from the Infrastructure Requirements Plan	8,100 Moved from 2020 to 2023.	12,000 Accelerated from the Infrastructure Requirements Plan	15,000 Accelerated from the Infrastructure Requirements Plan	17,500 Accelerated from the Infrastructure Requirements Plan	20,000 Accelerated from the Infrastructure Requirements Plan	15,000 Accelerated from the Infrastructure Requirements Plan	8,000 Moved from 2022 to 2023, increased cost.	17,000 Accelerated from the Infrastructure Requirements Plan	20,000 Accelerated from the Infrastructure Requirements Plan	18,000 Accelerated from the Infrastructure Requirements Plan	17,000 Accelerated from the Infrastructure Requirements Plan	17,500 Accelerated from the Infrastructure Requirements Plan	9,200 Accelerated from the Infrastructure Requirements Plan	5,100 Accelerated from the Infrastructure Requirements Plan	14,800 Accelerated from the Infrastructure Requirements Plan	22,000 Accelerated from the Infrastructure Requirements Plan	10,600 Accelerated from the Infrastructure Requirements Plan	15,500 Accelerated from the Infrastructure Requirements Plan	15,000 Accelerated from the Infrastructure Requirements Plan	12,800 Accelerated from the Infrastructure Requirements Plan	15,000 Accelerated from the Infrastructure Requirements Plan			
	Change	0	17,000	30,000	8,000	15,500	8,100	12,000	15,000	17,500	20,000	15,000	8,000	17,000	20,000	18,000	17,000	17,500	9,200	5,100	14,800	22,000	10,600	15,500	15,000	12,800	15,000	18,000	31,872	
FYDP	PB18		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Budgeted	Amount		17,000	30,000	8,000	15,500	8,100	12,000	15,000	17,500	20,000	15,000	8,000	17,000	20,000	18,000	17,000	17,500	9,200	5,100	14,800	22,000	10,600	15,500	15,000	12,800	15,000	18,000	31,872	
	Project Title	3 2023	National Guard Readiness Center	National Guard Readiness Center	Automated Multipurpose Machine Gun Range	National Guard Readiness Center	Automated Multipurpose Machine Gun (MPMG) Range	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	Multipurpose Machine Gun (MPMG) Range	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center Add/Alt	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop Addition	National Guard Vehicle Maintenance Shop Addition	National Guard Readiness Center	National Guard Readiness Center Add/Alt	Unspecified Minor Construction	Planning and Design						
	Town or Installation	2023	Huntsville	Joint Base Elmendorf-Richardson	Camp Robinson	Castle Rock	Camp Blanding	Palm Coast	Twin Falls	Bloomington	Indianapolis	Des Moines	Wendell H. Ford Training Center	New Ulm	St Louis	Reno	Littleton	Vineland	Rio Rancho	Las Cruces	Sandusky	Hillsboro	Hermitage	Aiken	Sioux Falls	Fort Campbell	Viroqua	Various	Various	
	State	2023	٩٢	AK	AR	00	႕	귙	Ω	_	Z	ĕ	Ž	Z	MO	Ž	Ĭ	3	ΣZ	ΣZ	Ю	OR	PA	SC	SD	Ϋ́	≷			
	Year	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	1

## 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 \$180,122,000 to remain available until 30 September 2023. Provided, that of the amount appropriated, not to exceed \$16,622,000 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.

## SPECIAL PROGRAM CONSIDERATIONS

## SEC. 26XX. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2018 PROJECT.

(a) Authority to Carry Out Readiness Center, Fort Belvoir, Virginia. - In the case of the authorization contained in the table in section 4601 of the National Defense Authorization Act for Fiscal Year 2018 (division B of Public Law 115–91; Stat. 1269) for Fort Belvoir, Virginia, for construction of a Readiness Center Addition/Alteration, the Secretary of the Army may instead construct a Readiness Center at Fort Belvoir, Virginia and construct a new facility in lieu of Addition/Alteration at existing facilities.

1. COMPONENT							
I. COMPONENT			FY 2019 GUA	RD AND RESERVE		2. DATE	
ARNG			MILITARY	CONSTRUCTION		05 FEE	3 2018
-							
3. INSTALLATION AND	LOCATION					4. AREA C	CONSTRUCTION
Joint Base Elmer	dorf-Richa	rdson	INSN	O= 02A80		COST I	INDEX
Alaska							2.05
5. FREQUENCY AND TY	PE OF UTILE	IZATION					
Administration 5	days/week	, with 2-0	day training a	ssembly 2-3 time	es/month.		
6. OTHER ACTIVE/GUA	ARD/RESERVE	INSTALLA'	TIONS WITHIN 1	5 MILE RADIUS			
ARNG Bryant A	Airfield, A	K	1.00 miles Ba	ase	28,800 m2 (3	310,000 SF)	1958
ARNG Camp Ca:	rroll, AK		1.00 miles Ba	ase	13,935 m2 (	150,000 SF)	1964
USA Fort Ric	chardson, A	ĸ	0.00 miles Ba	200	1,286,242 m2		
	siarabon, n	10	0.00 MILLED D	abc	1,200,212 112	(13,013,00	00 81/1500
7. PROJECTS REQUEST	ED IN THIS	PROGRAM					
CATEGORY					COST	DECTON	I STATUS
CODE PROJE				SCOPE		START	CMPL
61050 UNITED	STATES PROPER	RTY &	4,135 m2	(44,513 SF)	27,000	OCT 2016	MAR 2018
FISCAL	OFFICE BUILD	ING					
8. STATE GUARD/RESE	ERVE FORCES	FACILITI	ES BOARD RECOM	MENDATION			
FACILITIES IDENT	CIFIED IN I	TEM #6 HA	VE BEEN EXAMIN	ED BY THE STATE	RESERVE FORCES	<u>08</u> M	IAR 2017
FACILITIES BOARD	FOR POSSIE	BLE JOINT	USE/EXPANSION	. THE BOARD RECO	OMMENDATIONS ARE		[Date]
UNILATERAL CONST			,			`	•
ONIDATEMAL CONSI	.1.0C11ON.						
9. LAND ACQUISITION	I REOUIRED						
None							0
None							
						(Number o	f acres)
10 DDOTEGEG DIAMI	ID THE NEWS I	BOID VEND	0				
10. PROJECTS PLANNE	TO IN NEVI I	FOUR YEAR	5				
CATEGORY							COST
CODE PROJEC'	r TITLE				SCOPE		(\$000)
CODE INCOME					DCOLE		
					<u>5601 E</u>		<u> </u>
					<u>5001 E</u>		<u> </u>
NONE					<u>5601 E</u>		(1222)
NONE			AND MODERNI GAME	JON (GDM)			<u> </u>
		ORATION, A	AND MODERNIZAT	ION (SRM): 2			<u> </u>
NONE DEFERRED SUSTAIN	IMENT, RESTO				27,000	PROPOSED F	<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY H	IMENT, RESTO	PLETED AN				PROPOSED F	<u></u>
NONE DEFERRED SUSTAIN	IMENT, RESTO	PLETED AN			27,000	PROPOSED F	<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO	IMENT, REST( AS BEEN COMI OST INDICATI	PLETED AN	D THE SITE IS		27,000	PROPOSED F	<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY H	IMENT, REST( AS BEEN COMI OST INDICATI	PLETED AN	D THE SITE IS		27,000	PROPOSED F	<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO	IMENT, REST( AS BEEN COMI OST INDICATI	PLETED AND	D THE SITE IS		27,000 NSTRUCTION OF THE		<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO	IMENT, REST( AS BEEN COMI OST INDICATI	PLETED AN	D THE SITE IS		27,000		<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO	IMENT, RESTO	PLETED AND	D THE SITE IS		27,000  NSTRUCTION OF THE  GUARD/RE	ESERVE	<u></u>
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO	MENT, RESTO AS BEEN COMI OST INDICATE GTH AS OF TOTAL	PLETED AND ED. 15 DEC 20 PERMAN	D THE SITE IS	SUITABLE FOR CON	27,000  NSTRUCTION OF THE  GUARD/RE  TOTAL OFF	ESERVE	PROJECT AT
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO  11. PERSONNEL STREN  AUTHORIZED	IMENT, RESTONS  AS BEEN COMINATE OST INDICATE OST INDICAT	PLETED AND ED. 15 DEC 20 PERMAI OFFICER 1	D THE SITE IS  16  NENT  ENLISTED 0	SUITABLE FOR CON	GUARD/RE TOTAL OFF	ESERVE ICER ENL 3	PROJECT AT  ISTED  7
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO	MENT, RESTO AS BEEN COMI OST INDICATE GTH AS OF TOTAL	PLETED AND ED. 15 DEC 20 PERMAN	D THE SITE IS  16  NENT  ENLISTED C	SUITABLE FOR CON	27,000  NSTRUCTION OF THE  GUARD/RE  TOTAL OFF	eserve Eicer enl	PROJECT AT
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO  11. PERSONNEL STREM	IMENT, RESTONS  AS BEEN COMINATE OST INDICATE OST INDICAT	PLETED AND ED. 15 DEC 20 PERMAI OFFICER 1	D THE SITE IS  16  NENT  ENLISTED 0	SUITABLE FOR CON	GUARD/RE TOTAL OFF	ESERVE ICER ENL 3	PROJECT AT  ISTED  7
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO  11. PERSONNEL STREN  AUTHORIZED	MENT, RESTONS AS BEEN COMING OST INDICATE GOTH AS OF STATE TOTAL 69 69	PLETED AND ED. 15 DEC 20 PERMAI OFFICER 1	D THE SITE IS  16  NENT  ENLISTED 0	SUITABLE FOR CON	GUARD/RE TOTAL OFF	ESERVE ICER ENL 3	PROJECT AT  ISTED  7
NONE  DEFERRED SUSTAIN  A SITE SURVEY HA  THE ESTIMATED CO  11. PERSONNEL STREM  AUTHORIZED  ACTUAL	MENT, RESTONS AS BEEN COMING OST INDICATE GOTH AS OF STATE TOTAL 69 69	PLETED AND ED. 15 DEC 20 PERMAI OFFICER 1	D THE SITE IS  16  NENT  ENLISTED 0	SUITABLE FOR CON	GUARD/RE TOTAL OFF	ESERVE ICER ENL 3 3	PROJECT AT  ISTED  7
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1.	COMPONENT	FY 2019 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		05 FEB 2018
3.	INSTALLATION AND I	OCATION	4.	AREA CONSTRUCTION
	Joint Base Elmendo	orf-Richardson INSNO= 02A80		COST INDEX
	Alaska			2.05
14	. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000	)	
	A. AIR PO		0	
			0	
	C. OCCUPA	ATIONAL SAFETY AND HEALTH	0	

1. COMPONENT 2. DATE FY 2019 MILITARY CONSTRUCTION PROJECT DATA ARNG 05 FEB 2018 3. INSTALLATION AND LOCATION 4. PROJECT TITLE Joint Base Elmendorf-Richardson UNITED STATES PROPERTY & FISCAL OFFICE BUILDING Alaska 5. PROGRAM ELEMENT 6. CATEGORY CODE 8. PROJECT COST (\$000) 7. PROJECT NUMBER 85622 0505896A 61050 27,000

020143 Approp 9. COST ESTIMATES ITEM COST(\$000) UM (M/E) QUANTITY UNIT COST PRIMARY FACILITY 19,242 44263 Unheated Encl/Shed-TP Vhcl Strq m2 (SF) 551.84 ( 5,940) 2,153 (1,188)61050 USPFO Office Building 1,583 ( 17,044) m2 (SF) 5,595 (8,859)44230 USPFO CIF m2 (SF) 436.55 ( 4,699) 4,306 (1,880)44220 USPFO Warehouse m2 (SF) 1,564 ( 16,830) 4,306 (6,732)81160 Backup/Emergency Generator EΑ 1 --152,000 (152)Total from Continuation page(s) (431)SUPPORTING FACILITIES 5,617 Electric Service LS (179)Water, Sewer, Gas LS (502)LS Paving, Walks, Curbs And Gutters (2,420)Storm Drainage LS (375)Site Imp(1,155) Demo() LS (1,155)Information Systems LS (81)Antiterrorism Measures LS (343)Other LS (562)ESTIMATED CONTRACT COST 24,859 CONTINGENCY (5.00%) 1,243 SUBTOTAL 26,102 SUPV, INSP & OVERHEAD (3.44%) 898 TOTAL REQUEST 27,000 TOTAL FEDERAL REQUEST 27,000

A specially designed Administrative Building, General 10. Description of Proposed Construction Purpose for the USPFO of permanent construction. The United States Property and Fiscal Office Building (USPFO) includes the following items that are integral to the facility: USPFO Office Building, USPFO Warehouse, Central Issue Facility (CIF), Backup/Emergency Generator, Organizational Vehicle Parking (Paved), and Uheated Vehicle Storage Building. 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 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 Updated 2017. 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 47,089 SQFT. Disposal of 1 building at Chefornak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Chevak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Eek Readiness Center, AK (Total 2 m2/24 SF), 1 building at Goodnews Bay Readiness Center, AK (Total 2 m2/24 SF), 1 building at Hooper Bay Readiness Center, AK (Total 2 m2/24 SF), 1 building at Kaltag

TOTAL FEDERAL REQUEST (ROUNDED)

INSTALLED EQT-OTHER APPROP

27,000

(1,971)

1. COMPONENT						2. DAT	ľE
	FY 2019 MILIT	ARY (	CONSTRUC	CTION PROJECT	DATA		
ARNG						05	FEB 2018
3. INSTALLATION AND LOCATION	DN			4. PROJECT TITLE			
Joint Base Elmendor	f-Richardson			UNITED STATE	S PROPER	& YTS	
Alaska				FISCAL OFFICE	E BUILDI	NG	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJEC	I NUMBER	8. PROJEC	CT COST (\$000	))
			8	5622			
0505896A	61050		02	0143	Approp	27,	,000
9. COST ESTIMATES (	CONTINUED)						
IT	EM	UM	(M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (C	ONTINUED)						
85210 Organizationa	l Vehicle Parking	( m2	(SY)	284.28 (	340)	188.97	(54)
Sustainabilit	y/Energy Measures	LS					(377)
						Total	431

## DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Readiness Center, AK (Total 2 m2/24 SF), 1 building at Kongiganak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Koyukuk Readiness Center, AK (Total 2 m2/24 SF), 1 building at Mekoryuk Readiness Center, AK (Total 2 m2/24 SF), 1 building at Napaskiak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Newtok Readiness Center, AK (Total 2 m2/24 SF), 1 building at Nightmute Readiness Center, AK (Total 2 m2/24 SF), 1 building at Noatak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Nunapitchuk Readiness Center, AK (Total 2 m2/24 SF), 1 building at Point Barrow Readiness Center, AK (Total 2 m2/24 SF), 1 building at Quinhagak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Savoonga Readiness Center, AK (Total 2 m2/24 SF), 1 building at Shaktoolik Readiness Center, AK (Total 2 m2/24 SF), 1 building at Shishmaref Readiness Center, AK (Total 2 m2/24 SF), 1 building at Stebbins Readiness Center, AK (Total 2 m2/24 SF), 1 building at Teller Readiness Center, AK (Total 2 m2/24 SF), 1 building at Brevig Mission Readiness Center, AK (Total 2 m2/24 SF), 1 building at Tununak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Toksook Bay Readiness Center, AK (Total 2 m2/24 SF), 1 building at Combined Support Maintenance Shop, AK (Total 1,950 m2/20,986 SF), 2 buildings at NG Bryant Airfield, AK (Total 8 m2/84 SF), 2 buildings at MTA Camp Carroll, AK (Total 276 m2/2,976 SF), 5 buildings at Camp Denali, AK (Total 29 m2/312 SF), 1 building at Juneau Readiness Center, AK (Total 683 m2/7,347 SF), 1 building at Juneau Readiness Center and Field Maint Shop, AK (Total 22 m2/240 SF), 1 building at Army Aviation Operations Facility, AK (Total 2 m2/24 SF), 1 building at Juneau Field Maintenance Shop, AK (Total 1,338 m2/14,400 SF), 1 building at Kodiak Readiness Center, AK (Total 2 m2/24 SF), 1 building at Nome Readiness Center and Field Maint Shop, AK (Total 2 m2/24 SF), 1 building at Sitka Readiness Center, AK (Total 2 m2/24 SF), 1 building at Valdez Readiness Center, AK (Total 2 m2/24 SF), and 2 buildings at Alcantra Readiness Center, AK (Total 4 m2/48 SF). Air Conditioning (Estimated 200 kWr/57 Tons).

11. REQ: 4,135 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 44,513 SQFT United States Property and Fiscal Office

Building(USPFO) that supports administrative, logistic, storage, receipt and distribution requirements for the AKARNG. This facility will be built on Federal Land. (Current Mission)

REQUIREMENT: This project is designed to house the entire United States Property & Fiscal office (USPFO) and Central Issuing Facility (CIF) Administrative and warehouse staff in one facility. This project consolidates the current dispersed USPFO and CIF staff and facilities into one USPFO/CIF complex. The AKARNG will consolidate facilities and will reduce the overall foot print. The efficiency and productivity of the USPFO and CIF will drastically improve due to the consolidations allowing for a more proficient work environment and greater command and control. This will enable the USPFO and CIF to

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG			05 FEB 2018		
3. INSTALLATION AND LOCATIO					
Joint Base Elmendorf Alaska	E-Richardson		UNITED STATES FISCAL OFFICE		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	622		
0505896A	61050	020	143	Approp	27,000

REQUIREMENT: (CONTINUED)

better support the AKARNG with its state and federal missions.

CURRENT SITUATION: This project is critical to the state of Alaska due to the current situation of the existing facility is inadequate in quality and grossly undersized for the authorized work force for the USPFO. The current USPFO complex was constructed in 1979 as a temporary structure on Ruff Road, in Camp Denali within the AKARNG enclave on Joint Base Elmendorf-Richardson(JBER). Among the disadvantages of this location are: a) Ruff Road is typically inaccessible for vehicular traffic during non-drill periods; b) the current location is a constrained (landlocked) location where space for renovation or additions is not physically or economically feasible; c) this complex consisting of multiple buildings to include a temporary building that falls short of the full authorization (195% current space utilization) and all are non ATFP compliant facilities due to natural and manmade constraints. With these deficits in space and constraints on expansion, the strategic readiness and ability of the USPFO to provide supply and logistical support for the AKARNG is affected negatively by the inadequate operational space within the facilities. Many administration & warehouse space requirements are being outsourced to other facilities or augmented with temporary facilities (clam shell storage). Repeated requests have been made to JBER for use of excess buildings and no suitable buildings are available for this requirement. An economic analysis has determined that only new construction would be the most viable option to meet the long range mission requirements.

The State of Alaska has conducted a preliminary design on this project and is currently at 10 % Design.

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

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

The facility where the current operations are being conducted was constructed in 1979.

The USPFO has a current RAC score of a hazard severity finding of Serious and a probability of Probable or Possible, when a specified MILCON project is required to resolve the situation.

Has a probable/possible chance for Major Property damage due to having to store high valued property outside in Alaska's inclement weather.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Loc	cal
	UID			Year	Rating	Rating	Rating	Nan	ne
02A80	5043	44224	49140				C4	No	facility
02A80	5043	44110	49142				C4	No	Facility

Currently facility does not meet current ADA requirements and does not meet multiple current local, State and federal codes.

These facilities do not comply with the NG Pam 415-12 criteria, Installation Status

1. COMPONENT				1	2. DATE
	FY 2019 MILITARY (	CONSTRUCT	CION PROJECT D	ATA	
ARNG			05 FEB 2018		
3. INSTALLATION AND LOCATION					
Joint Base Elmendorf- Alaska	Richardson		UNITED STATES FISCAL OFFICE		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	622		
0505896A	61050	020	143	Approp	27,000

CURRENT SITUATION: (CONTINUED)

Report (ISR) Mission and Quality, Current code requirements, Anti-Terrorism Force Protection (ATFP), lack of sufficient administrative space, storage and warehouse space.

The USPFO is currently operating out of BLDG 49140, a metal building that was constructed in 1979. Elements of the USPFO contracting office are currently operating in the Anchorage Readiness Center. This facility is overcrowded from the space requirements for each of the units currently occupying the facility. The new USPFO facility will allow the 4000 SQFT section of the Anchorage Readiness Center to be designated to another unit that is short on workspace. The USPFO building contains portions of the USPFO and the DOIM and does not meet the ARNG minimum design criteria for operational workspace or storage of supplies and materials.

IMPACT IF NOT PROVIDED: The USPFO will continue to operate out of four separate facilities reducing efficiency. These facilities do not offer the minimum required space for all assigned personnel and equipment. These facilities are in constant need of maintenance, which puts a strain on the SRM budget due to the increased requirements of the units and the high cost of operating in Alaska. Work production continues to decrease due to the disjointed facilities and staff. IT support is degraded; due to the space constraints, the support staff is located in a separate facility from their servers. The POV parking lot at the current USPFO building is undersized for the number of personnel assigned there, and there is no room to expand the parking lot due to the facilities location and configuration. In addition, bringing the current facility up to current ATFP standards would require the loss of POV parking due to its proximity to the facility. Constructing a new consolidated facility would allow smooth operations between all USPFO shops, to include the CIF that is divided between two facilities. 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. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other provision of law.

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

1 governmen					T	2 22 22
1. COMPONENT			CONCEDITO			2. DATE
ARNG		FY 2019 MILITARY (	CONSTRUC	TION PROJECT I	DATA	05 FEB 2018
3. INSTALLATION AND	LOCATION			4. PROJECT TITLE		05 111 2010
Joint Base Elm	endorf-	Richardson		UNITED STATES	S PROPERTY &	
Alaska				FISCAL OFFICE		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
				622		
0505896A ADDITIONAL: (C	ONTINUE	61050	020	143	Approp	27,000
		pment. This project	is the o	nlv feasible	ontion to me	et the
requirement.	acvero	pmene: minb project	ib che o	iiiy icabibic	operon co me	CC CIIC
1 1						
JOINT USE CERT	IFICATI	ON: The Deputy Assis	tant Sec	retary of the	Army (Insta	llation and
		at this project has				
_	operati	onal considerations,	and loc	ation are inc	ompatible wi	th use by other
components.						
12. SUPPLEMEN	TAL DAT	A:				
A. Estima	ted Des	sign Data:				
(1)	tatus:					
	a) Des	sign Start Date	. <b></b> .			OCT 2016
		ccent Complete as of				65
		te 35% Designed	_			SEP 2017
		te Design Complete				MAR 2018
		cametric Cost Estimat				NO
		oe of Design Contract	_	_	.obcb	
		_	_			
'	_	energy study and lif	_	_	will be	
	aoc	cumented during the f	inal des	sign.		
(2) E	asis:					
	a) Sta	andard or Definitive	Design:	NO		
(3)	otal De	esign Cost (c) = (a)+	(b) OR (	(d) + (e):		(\$000)
	a) Pro	oduction of Plans and	d Specifi	cations		1,492
	b) All	Other Design Costs.	. <b></b> .			845
	c) Tot	al Design Cost				2,337
	d) Con	ntract	. <b></b> .			2,337
	e) In-	-house				0
	,					
(4)	onstruc	ction Contract Award.				MAR 2019
		Joeth Combract hward.	· • • • • • • •			
(=)	'onat mir	ction Start				M7.V 2010
(5)	.onstruc	CLIUII SLAIL				MAY 2019
,						
(6) (	construc	ction Completion				MAR 2021
I						

1. COMPONENT					2. DATE		
	FY 2019 MILITARY (	CONSTRUCT	TION PROJECT D	ATA			
ARNG	ARNG						
3. INSTALLATION AND LOCATION							
Joint Base Elmendorf- Alaska	Richardson		UNITED STATES FISCAL OFFICE				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)		
		85	622				
0505896A				Approp	27,000		

12. SUPPLEMENTAL DATA (CONTINUED..)

 $\ensuremath{\mathtt{B.}}$  Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	2020	1,350
ESS (PFO)	OPA	2020	278
Info Sys - ISC	OPA	2020	131
Info Sys - PROP	OMNG	2020	213
		Total —	1,971

1.	COMPONENT			FY 2019 G	UARD AND RESERVE		2. DATE	
l	ARNG			MILITAR	RY CONSTRUCTION		05 FI	EB 2018
l								
L								
3.	INSTALLATION AND L	JOCATION						CONSTRUCTION
l	Marseilles			II	NSNO= 17B60		COST	INDEX
l	Illinois							1.21
5	FREQUENCY AND TYPE	OF UTI	TZATION					
.	Administration, lo			ional agtir	ition for trainin	a 254 days/1102x		
l	Administration, 10	gisticai	. « operac	.IOIIAI ACCIV.	icies for crainin	ig 254 days/year.		
6.	OTHER ACTIVE/GUARD	/RESERVE	INSTALLA	TIONS WITHII	N 15 MILE RADIUS			
.	AR Joilet, II	,			USAR Center	1 076 m2	(11,577 S	F) 1940
l	,					1,076 1112	(11,577 5	r) 1940
l	AR Joilet, II				USAR Center	3,917 m2	(42,167 S	F) 1963
l	ARNG Pontiac, I	IL		31.00 miles	Readiness Cente	r 3,050 m2	(32,825 S	F) 1938
l	ARNG Joilet, II	L		33.00 miles	Readiness Center	r 4,458 m2	(47,987 S	F) 1958
⊢								
7.	PROJECTS REQUESTED	) IN THIS	PROGRAM					
l	CATEGORY					COS	T DESIG	GN STATUS
l	CODE PROJECT	TITLE			SCOPE	(\$00	0) START	CMPL
l	17805 AUTOMATE	ED RECORI	D FIRE RAI	NGE	48 FP	5,0	00 JAN 201	8 JAN 2019
						•		
8.	STATE GUARD/RESERV	E FORCES	FACILITI	ES BOARD REG	COMMENDATION			
l	FACILITIES IDENTIF	IED IN I	TEM #6 HA	VE BEEN EXA	MINED BY THE STAT	TE RESERVE FORCES	20	SEP 2017
l	FACILITIES BOARD F	OR POSSI	BLE JOINT	USE/EXPANS	TON. THE BOARD RE	ECOMMENDATIONS AR	 R	(Date)
l	UNILATERAL CONSTRU			002, 2111110	2011. 1112 201112 112		_	(2000)
l	ONTEATERAL CONSTRO	CIION.						
9.	LAND ACQUISITION R	REQUIRED						
l	None							0
l							(Number	of acres)
l							(IVGIIDCI	or deres,
10	. PROJECTS PLANNED	IN NEXT	FOUR YEAR	lS				
l	CATEGORY							COST
l		n T m T n				GGODE		
	CODE PROJECT I	TTTPE				SCOPE		(\$000)
ı								<u></u>
								<u> </u>
	NONE					<del></del>		<u> </u>
								<u> </u>
	NONE DEFERRED SUSTAINME	ENT, REST	CORATION,	AND MODERNI	ZATION (SRM):			<u></u>
	DEFERRED SUSTAINME					5,270	HE PROPOSED	
	DEFERRED SUSTAINME	BEEN COM	IPLETED AN			5,270	HE PROPOSED	
	DEFERRED SUSTAINME	BEEN COM	IPLETED AN			5,270	HE PROPOSED	
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	MPLETED AN	ID THE SITE :		5,270	HE PROPOSED	
11	DEFERRED SUSTAINME	BEEN COM	MPLETED AN	ID THE SITE :		5,270	HE PROPOSED	
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	MPLETED AN	ID THE SITE :		5,270  CONSTRUCTION OF T		
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	MPLETED AN	ID THE SITE :	IS SUITABLE FOR C	5,270 CONSTRUCTION OF T	/RESERVE	PROJECT AT
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	MPLETED AN	ID THE SITE :		5,270 CONSTRUCTION OF T	/RESERVE	
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	MPLETED AND PERMA	ID THE SITE :	IS SUITABLE FOR C	5,270 CONSTRUCTION OF T	/RESERVE	PROJECT AT
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT	BEEN COM ' INDICAT 'TOTAL	MPLETED AND SED.  12 DEC 20  PERMA  OFFICER	ID THE SITE :  117  NENT  ENLISTED	IS SUITABLE FOR C	5,270 CONSTRUCTION OF T	/reserve Dfficer en	PROJECT AT
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT	BEEN COM TINDICAT TH AS OF TOTAL 16	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	ID THE SITE :  117  INENT  ENLISTED  2	IS SUITABLE FOR C	5,270  CONSTRUCTION OF T.  GUARD  TOTAL 26	/RESERVE DFFICER EN 7	PROJECT AT  ULISTED  19
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL	BEEN COM ' INDICAT THE AS OF  TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	ID THE SITE :  117  INENT  ENLISTED  2	IS SUITABLE FOR C	5,270  CONSTRUCTION OF T.  GUARD  TOTAL 26	/RESERVE DFFICER EN 7	PROJECT AT  ULISTED  19
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT	BEEN COM ' INDICAT THE AS OF  TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	ID THE SITE :  117  INENT  ENLISTED  2	IS SUITABLE FOR C	5,270  CONSTRUCTION OF T.  GUARD  TOTAL 26	/RESERVE DFFICER EN 7	PROJECT AT  ULISTED  19
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL	BEEN COM ' INDICAT THE AS OF  TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	ID THE SITE :  117  INENT  ENLISTED  2	IS SUITABLE FOR C	5,270  CONSTRUCTION OF T.  GUARD  TOTAL 26	/RESERVE DFFICER EN 7 6	PROJECT AT  ULISTED  19
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL	BEEN COM ' INDICAT THE AS OF  TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	ID THE SITE :  117  INENT  ENLISTED  2	CIVILIAN  13  13	5,270  CONSTRUCTION OF T.  GUARD  TOTAL 26	/RESERVE DFFICER EN 7 6	PROJECT AT  NLISTED  19 21  RENGTH
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA	BEEN COM INDICAT THE AS OF TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	ID THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27	/RESERVE  DFFICER EN  7  6  STI	PROJECT AT  ULISTED  19 21  RENGTH  ZED ACTUAL
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	BEEN COM INDICAT THE AS OF TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	DO THE SITE :	CIVILIAN  13  13  13	5,270  CONSTRUCTION OF TOTAL  TOTAL  26  27  MTOE/TDA	/RESERVE  DFFICER EN  7  6  STI	PROJECT AT  NLISTED 19 21  RENGTH 2ED ACTUAL 26 27
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	BEEN COM INDICAT THE AS OF TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	DO THE SITE :	CIVILIAN  13  13  13	5,270  CONSTRUCTION OF TOTAL  TOTAL  26  27  MTOE/TDA	/RESERVE  DFFICER EN  7  6  STI	PROJECT AT  ULISTED  19 21  RENGTH  ZED ACTUAL
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	BEEN COM INDICAT THE AS OF TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ	PROJECT AT  NLISTED  19 21  RENGTH  26 27 26 27
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	BEEN COM INDICAT THE AS OF TOTAL 16 14	PLETED AND PED.  12 DEC 20  PERMA  OFFICER  1	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ	PROJECT AT  NLISTED 19 21  RENGTH 2ED ACTUAL 26 27
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COM INDICAT THAS OF  TOTAL 16 14  CER I)	PLETED AND PERMANDED TO THE PERMANDED TO	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ	PROJECT AT  NLISTED  19 21  RENGTH  26 27 26 27
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COM INDICAT THAS OF  TOTAL 16 14  CER I)	PLETED AND PERMANDED TO THE PERMANDED TO	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ	PROJECT AT  NLISTED  19 21  RENGTH  26 27 26 27  Drized: 104%
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COM INDICAT THAS OF  TOTAL 16 14  CER I)	PLETED AND PERMANDED TO THE PERMANDED TO	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ	PROJECT AT  NLISTED  19 21  RENGTH  26 27 26 27
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COM INDICAT THAS OF  TOTAL 16 14  CER I)	PLETED AND PERMANDED TO THE PERMANDED TO	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ	PROJECT AT  NLISTED  19 21  RENGTH  26 27 26 27  Drized: 104%
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT	BEEN COM INDICAT THAS OF  TOTAL 16 14  CER I)	PLETED AND PERMANDED TO THE PERMANDED TO	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ  signed/Autho	PROJECT AT    VILISTED   19   21
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST  PERSONNEL STRENGT  AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CTR TRAINING CENT  TYPE WHEELED TRAILERS	BEEN COM INDICAT THAS OF  TOTAL 16 14  CER I)	PLETED AND PERMANDED TO THE PERMANDED TO	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN  7  6  STI  AUTHORIZ  Signed/Author  IZED  4  0	PROJECT AT  RENGTH  ZED ACTUAL  26 27  26 27  Drized: 104%  ACTUAL  3 0
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT  . MAJOR EQUIPMENT A  TYPE WHEELED TRAILERS TRACKED	BEEN COM PER INDICAT TOTAL 16 14  CER I)	PLETED AND PERMARKAN OFFICER 1 0	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN 7 6  STI AUTHORIZ  signed/Author  IZED 4 0 0	PROJECT AT  REISTED 19 21  REINGTH 2ED ACTUAL 26 27 26 27  Drized: 104%  ACTUAL 3 0 0
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA  UNIT DESIGNATION (CTR TRAINING CENT  . MAJOR EQUIPMENT A  TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COM PINDICAT TH AS OF TOTAL 16 14  CER I)  AND AIRCR	PLETED AND PERMARKAN OFFICER 1 0	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN 7 6  STI  AUTHORIZ  Signed/Authoriz  1ZED 4 0 0 0	PROJECT AT  NLISTED  19 21  RENGTH  ZED ACTUAL  26 27  26 27  Drized: 104%  ACTUAL  3 0 0 0
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION (CTR TRAINING CENT  . MAJOR EQUIPMENT A  TYPE WHEELED TRAILERS TRACKED	BEEN COM PINDICAT TH AS OF TOTAL 16 14  CER I)  AND AIRCR	PLETED AND PERMARKAN OFFICER 1 0	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN 7 6  STI AUTHORIZ  signed/Author  IZED 4 0 0	PROJECT AT  REISTED  19 21  RENGTH  ZED ACTUAL  26 27  26 27  Drized: 104%  ACTUAL  3 0 0
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST . PERSONNEL STRENGT  AUTHORIZED ACTUAL . RESERVE UNIT DATA  UNIT DESIGNATION (CTR TRAINING CENT  . MAJOR EQUIPMENT A  TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COM PINDICAT TH AS OF TOTAL 16 14  CER I)  AND AIRCR	PLETED AND PERMARKAN OFFICER 1 0	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE  DFFICER EN 7 6  STI  AUTHORIZ  Signed/Authoriz  1ZED 4 0 0 0	PROJECT AT  NLISTED  19 21  RENGTH  ZED ACTUAL  26 27  26 27  Drized: 104%  ACTUAL  3 0 0 0
122	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST  PERSONNEL STRENGT  AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CTR TRAINING CENT  **MAJOR EQUIPMENT A  TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel Truck	BEEN COM PINDICAT TH AS OF TOTAL 16 14  CER I)  AND AIRCR	PLETED AND PERMARKAN OFFICER 1 0	DO THE SITE :	CIVILIAN  13  13  13	GUARD TOTAL 26 27  MTOE/TDA NGW910AA As	/RESERVE DFFICER EN 7 6  STI AUTHORIZ  Signed/Author  IZED 4 0 0 0 0 0	PROJECT AT    ULISTED   19   21     RENGTH   26   27   26   27     Drized: 104%

1.	COMPONENT	FY 2019 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		05 FEB 2018
3.	INSTALLATION AND I	LOCATION	4	AREA CONSTRUCTION
	Marseilles	INSNO= 17B60		COST INDEX
	Illinois			1.21
		TION AND SAFETY DEFICIENCIES		
14	. OUISTANDING FOLLIC	(\$000)	١	
	A. AIR PO			
			0	
			0	
	C. OCCUPA	ATIONAL SAFETY AND HEALTH	0	
				I

1. COMPONENT								2. DA	ATE	
	FY 2019 MILITAR	RY	CONSTR	UCT	CION PROJECT D	ATA				
ARNG								05	FEB	2018
3. INSTALLATION AND LOCATION					4. PROJECT TITLE					
Marseilles Illinois					ALIMOMA MED. DEG	ODD EII	עם דיע	MOD		
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJE		AUTOMATED REC	8. PROJE			10)	
5. FROGRAM ELEMENT	O. CAIEGORI CODE		7. FROOT			o. FROOE	CI COB	1 (500	, ,	
0505896A	17805				361 1510	3		_	,000	
0303896A	17005	0	COST EST			Approp		5	,000	
TOTAM	•			IMAI.						
PRIMARY FACILITY		UM	I (M/E)		QUANTITY		UNIT	COST	COS	ST(\$000)
		תידו			1.0		107	000		3,467
17805 ARF Range 17801 Basic 10m/25m Z	lovo Dongo	FP FP			16 32		107,			(1,712)
17971 Range Control T		m2			26.85 (	2001		719		(183)
17122 Range Ops & Str		m2	` ′		74.32 (	289) 800)		950 445		(106) (256)
17122 Range Ops & Str 17122 Ammo Brkdwn Bld	_	m2			17.19 (	185)		336		(57)
•	_	IIIZ	(SF)		17.19 (	185)	3,	330		, ,
Total from Continua										(1,153)
SUPPORTING FACILITIES		- ~						ļ		1,137
Electric Service		LS						.		(100)
Water, Sewer, Gas		LS						.		(131)
Storm Drainage		LS						.		(80)
Site Imp(221) Demo(14	)	LS						.		(235)
Information Systems		LS						.		(228)
Antiterrorism Measure	S	LS						.		(62)
Other		LS						.		(301)
ESTIMATED CONTRACT CO	ST									4,604
CONTINGENCY (5.00%)								İ		230
SUBTOTAL								İ		4,834
SUPV, INSP & OVERHEAD	(3.43%)							İ		166
TOTAL REQUEST								İ	-	5,000
TOTAL FEDERAL REQUEST	ı							İ		5,000
TOTAL FEDERAL REQUEST								İ		5,000
INSTALLED EQT-OTHER A								ł		(0)
10. Description of Proposed C		L—— dar	d desi	an	Automated Rec	cord Fi	re Ra	ange	of	
permanent constructio				_				_		ems
that are integral to										
Breakdown Bldg, Latri										
Range, Emplacements,										
services are requeste	_				_					_
well as all local, St										
Construction will inc										
alarm systems, roads,										
improvements. Facili										
I -		_				_				
with DoDs Unified Fac					_					_
envelope and integrat										
and Development Polic										
1-	ism measures in a									
building standards wi										
SQFT disposal policy										
Training Area, IL (To	tal 417 m2/4,486	SF)	. Air	· Co	onditioning (E	Estimat	ed 1	4 kW:	r/4 1	ons).
11. REQ: 48 FP	ADQT:			NON	TE CIT	BSTD:			NON	TE .
	ADQT: act a 16 FP Automa	+ ~ ~					1 ON /	י יעום כ		
FROUECI: 10 CONSULTU	cc a 10 FF AUCOIIId	LEU	. Kecol	.u 1	ric Kange, a	34 FP	⊥ ∪ I*I / 2	ا ا√اد ∠	nasic	, 76TO

1. COMPONENT							2. DATE	2
	FY 2019 MILIT	ARY (	CONSTRU	CTION PRO	JECT I	DATA		
ARNG							05 I	FEB 2018
3. INSTALLATION AND LOCATION				4. PROJECT	TITLE		'	
Marseilles								
Illinois				AUTOMATI	ED REC	ORD FIR	E RANGE	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJEC	T NUMBER		8. PROJEC	T COST (\$000)	
			8	8361				
0505896A	17805		1	71510		Approp	5,	000
9. COST ESTIMATES (CO	NTINUED)					•		
							UNIT	COST
ITEM		UM	(M/E)	QUA	NTITY		COST	(\$000)
PRIMARY FACILITY (CONT	rinued)							
73075 Latrines		m2	(SF)	51.10	(	550)	2,691	(138)
75061 Bleacher Enclosu	ıre	m2	(SF)	67.45	(	726)	2,217	(150)
17123 Range Classroom	Buildng	m2	(SF)	74.32	(	800)	3,498	(260)
17139 Mess Shelter		m2	(SF)	74.32	(	800)	1,884	(140)
17804 SIT Emplacements	3	EΑ		112			3,184	(357)
17971 Range Control To	ower Relocation	EΑ		1			40,000	(40)
Sustainability/F	Energy Measures	LS						(68)
							Total —	1,153

## PROJECT: (CONTINUED)

Range, and 4,150 SF of Range Support Facilities to train and familiarize soldiers on the skills necessary to identify, engage and defeat stationary infantry targets to day/night qualification requirement with the M16 & M4 rifles for units of the ILARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This 48 firing point range complex, consisting of a 16 FP Automated Record Fire Range and a 32 FP Basic 10m/25m (Zero) Range, is required to provide training support for the individual weapons familiarization and qualification requirements for soldiers of the ILARNG which has an authorized strength of 9,529 soldiers and will also be available for use by other components and agencies. This range will be used during both inactive duty training (IDT) periods and annual training (AT) periods. Army Range Requirements Model (ARRM) shows a surplus for Automated Record Fire Range, but this to incorrect because currently IL only has 7 lanes of Automated Record Fire. RPLANS show a deficit of 9 firing points for Marseilles Training Area and the State of Illinois also has a deficit of 6 firing points.

CURRENT SITUATION: This project is critical to the state of Illinois due to the current situation of the existing facility currently supporting this mission was constructed in 1989 and is considered inadequate to meet throughput demands for the IL ARNG. The installation currently requires approximately 270 days to meet throughput, with only approximately 180 days available. The expansion will bring expected throughput to approximately 135 days, allowing the installation to meet mission requirements. The current Range is a Modified Record Range with only 7 firing points (the standard Automated Record Fire Range is 16 firing points), in the State of Illinois located at Marseilles Training Area which is in the Northern Part of the State for all the soldiers of the ILARNG to qualify with their M16 and M4 series rifle. It is approximately a 6 hour military convoy for units in the southern part of the State. ILARNG currently can not meet the needs of the soldiers with qualification requirements without traveling out of state to another Army Site. The use of those ranges inflict time lost from the ILARNG and are subject to availability.

The State of Illinois has conducted a preliminary design on this project and is currently at 10 % Design.

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION					
Marseilles Illinois			AUTOMATED REC	ORD FIRE RA	NGE
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)
0505896A	17805		361 1510	Approp	5,000
CURRENT SITUATION: (C	ONTINUED)	•			

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

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

The facility where the current operations are being conducted was constructed in 1989.

I	Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
l	Code	UID	Code		Year	Rating	Rating	Rating	Name
l	17B60	6089	17806	RG046	2017	F3	Q3	C4	Modified Record
l									Fire Range
l	17B60	6089	17801	RG054	2017	F3	Q3	C2	Basic 10/25M Range
l	17B60	6089	17805					C4	No Range exist

The existing facility is of inadequate size and does not conform to current design guidance or TC 25-8. There are too few Firing Points to accommodate the training requirements.

IMPACT IF NOT PROVIDED: If the project is not approved, personnel will continue to train on inadequate ranges which will continue to reduce the training and mobilization readiness standards. The present range lacks the ability to meet qualification requirements for the soldiers of the ILARNG with only about 50% being able to meet the requirements during IDT training. Additionally, completion of this training will require additional travel time and cost during IDT weekends to out of state training facilities such as Ft. McCoy, WI, Camp Atterbery, IN, Ft. Campbell, KY, or Ft. Leonard Wood, MO. Use of these facilities is often tenuous and ARNG units are frequently bumped for reserved ranges. If this project is not executed, it will continue to degrade the mission capabilities and readiness of the ILARNG soldiers.

<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.

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

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plans. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation apply. UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) does not apply to this project.

ECONOMIC ANALYSIS: 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

1. COMPONENT					2. DATE		
		FY 2019 MILITARY					
ARNG					05 FEB 2018		
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
Marseilles Illinois			AUTOMATED REG	CORD FIRE RA	NGE		
5. PROGRAM ELEMENT	Г	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)		
			88361				
0505896A ADDITIONAL: (					5,000		
			been considered for j	oint use po	tential. This		
_		lable for use by oth	5	p.			
2		1	-				
12. SUPPLEME	ENTAL DAT	A:					
A. Estir	mated Des	— sign Data:					
(1)	Status:						
(=)		sion Start Date			JAN 2018		
		Percent Complete as of January 2018.  Date 35% Designed.  Date Design Complete.  JAN 20					
			COSTS	NO			
		e of Design Contract	_				
	_		fe cycle cost analysis	s will be			
	doc	cumented during the f	final design.				
(2)	Dogia.						
(2)	Basis:	aa p.eiiti	Davidana VIII				
		andard or Definitive	5				
	(b) Whe	ere Design Was Most R	Recently Used:				
(3)	Total De	esign Cost (c) = (a)+	-(h) OR (d)+(e)·		(\$000)		
(3)		_	Specifications		276		
					157		
		_			433		
		2					
					433		
	(e) In-	nouse			0		
(4)	Construc	ction Contract Award.			MAR 2019		
, ,							
(5)	Construc	ction Start			APR 2019		
(6)	Construc	ution Completion			OCT 2021		
(6)	Construc	ction completion		• • • • •	OCT 2021		

1. COMPONENT					2. DATE	
	FY 2019 MILITARY	CONSTRUC'	TION PROJECT I	ATA		
ARNG					05 FEB 2018	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
Marseilles						
Illinois AUTOMATED RECORD FIRE RANGE						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJ		8. PROJECT COST	JECT COST (\$000)	
		88	361			
0505896A	17805	17	1510	Approp	5,000	
12. SUPPLEMENTAL DATA (CONTINUED)						
B. Equipment associated with this project which will be provided from other appropriations:						
			Fis	cal Year		

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
SIT Targets	OPA	2020	392
F F & E	OMNG	2020	184
Info Sys - ISC	OPA	2020	21
Info Sys - PROP	OMNG	2020	28
		Total	625

CFMO Phone Number: 217-761-3595

1. COMPONENT ARNG							
ARNG			FY 2019 GUAR	RD AND RESERVE		2. DATE	
			MILITARY C	CONSTRUCTION		05 FE	B 2018
3. INSTALLATION AND	LOCATION					4. AREA	CONSTRUCTION
Malta			INSN	O= 30B15		COST	INDEX
Montana							1.09
5. FREQUENCY AND TY	DF OF HTTI.	T Z A T T O N					
				3.3	. 1		
Administration 5	days/week	, with 2-day	y training as	ssembly ltime/mon	nth.		
6. OTHER ACTIVE/GUA	חו / ספפפטזונ	TMCTATTATT	OMC WITTUIN 1	ב אדו ב פאחדוופ			
					501 0	/0 516 05	1)
ARNG Glasgow,					791 m2		
ARNG Havre, M	T	89	.00 miles Re	eadiness Center	2,304 m2	(24,803 SF	") 0
ARNG Lewistow	m, MT	134	.00 miles Re	eadiness Center	902 m2	(9,712 SF	') 0
7. PROJECTS REQUEST	ED IN THIS	PROGRAM					
CATEGORY					COST	DESIG	N STATUS
CODE PROJEC	T TITLE			SCOPE	(\$000)	START	CMPL
17180 Nationa	l Guard Read	iness Center	6.564 m2	(70.650 SF)	15.000	OCT 2015	FEB 2019
			.,	(,	,		
8. STATE GUARD/RESE	RVE FORCES	FACILITIES	BOARD RECOM	MENDATION			
FACILITIES IDENT	IFIED IN I	TEM #6 HAVE	BEEN EXAMIN	ED BY THE STATE I	RESERVE FORCES	10 1	MAY 2017
FACILITIES BOARD							(Date)
UNILATERAL CONST		LLL COINT O	on annual	. III DOAND NECOI			(2000)
UNILATERAL CONST	RUCTION.						
9. LAND ACQUISITION	REQUIRED						
None							0
None						/27 1	
						(Number o	of acres)
10. PROJECTS PLANNE	D IN NEXT	FOIR VEARS					
	D 11V 1VD211 .	rook rmikb					GOGE
CATEGORY							COST
CODEPROJECT	TITLE				SCOPE		(\$000)
NONE							
DEFERRED SUSTAIN	MENT, REST	ORATION, ANI	D MODERNIZAT:	ION (SRM): 1	5,000		
DEFERRED SUSTAIN  A SITE SURVEY HA						PROPOSED	PROJECT AT
	S BEEN COM	PLETED AND				PROPOSED	PROJECT AT
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A SITE SURVEY HA THE ESTIMATED CO  11. PERSONNEL STREN  AUTHORIZED ACTUAL  12. RESERVE UNIT DA  UNIT DESIGNATION (CO MP CO)  13. MAJOR EQUIPMENT TYPE WHEELEL TRAILER TRACKEL EQUIPME FUEL Tr	S BEEN COM: ST INDICAT: GTH AS OF:  TOTAL 4 3 TA  AND AIRCR. SS ONT > 30 FT	PLETED AND TED.  12 DEC 2017  PERMANEI  OFFICER  0  0	NT ENLISTED C  3	SUITABLE FOR CONSTITUTIONS  IVILIAN  0  0  TPSN	GUARD/RI  TOTAL OFF  163  163  MTOE/TDA  19473KNG35  Assig	ESERVE FICER ENI 5 5 5  STR AUTHORIZE 16 16 gned/Author ED 48 38 0 1 0	ENGTH  ED ACTUAL 63 163 63 163 rized: 100%  ACTUAL 48 38 0 1
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1. COMPONENT	FY 2019 GUARD AND RESERVE	2. DATE
ARNG	MILITARY CONSTRUCTION	05 FEB 2018
3. INSTALLATION AND L		4. AREA CONSTRUCTION
Malta	INSNO= 30B15	COST INDEX
Montana	INSNO- 30BI3	1.09
		1.09
14. OUTSTANDING POLLU	JTION AND SAFETY DEFICIENCIES	
		(\$000)
A. AIR PO		0
	POLLUTION	0
C. OCCUPA	ATIONAL SAFETY AND HEALTH	0

1. COMPONENT					2. DATE
	FY 2019 MILITAR	Y CONSTRUC	TION PROJECT	DATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCAT	FION		4. PROJECT TITLE		
Malta Montana			National Gua:	rd Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
05050067	17100		656		15 000
0505896A	17180	30	0031	Approp	15,000

0505896A	17180			300031		Approp	15	,000
		9. C	OST EST	IMATES				
ITEM		UM	(M/E)	QUA	ANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY								11,516
17180 Readiness Center	C	m2	(SF)	3,167	(	34,094)	2,206	(6,989)
21411 Detached General	l Purpose Trainin	m2	(SF)	774.53	(	8,337)	2,605	(2,018)
44224 Unheated Storage	e Building	m2	(SF)	166.39	(	1,791)	812.68	(135)
44228 Controlled Waste	e Facility	m2	(SF)	30.66	(	330)	1,315	(40)
44240 Flammable Mater:	ials Facility	m2	(SF)	10.22	(	110)	1,442	(15)
Total from Continuat	tion page(s)							(2,319)
SUPPORTING FACILITIES								2,290
Electric Service		LS						(65)
Water, Sewer, Gas		LS						(90)
Paving, Walks, Curbs A	And Gutters	LS						(1,184)
Storm Drainage		LS						(200)
Site Imp(230) Demo()		LS						(230)
Information Systems		LS						(58)
Antiterrorism Measures	5	LS						(200)
Other		LS						(263)
ESTIMATED CONTRACT COS	ST							13,806
CONTINGENCY (5.00%)								690
SUBTOTAL								14,496
SUPV, INSP & OVERHEAD	(3.48%)							504
TOTAL REQUEST								15,000
TOTAL FEDERAL REQUEST								15,000
TOTAL FEDERAL REQUEST	(ROUNDED)							15,000
INSTALLED EQT-OTHER A	PPROP							(1,288)

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Storage Building, Organizational Vehicle Parking (Paved), Vehicle Storage Building, Controlled Waste Facility and Flammable Materials Facility. Comprehensive interior design services are requested. 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 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 Updated 2017. 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 72,328 SQFT. Disposal of 2 buildings at Fort Missoula Field Maintenance Shop 02, MT (Total 3,556 m2/38,277 SF), 3 buildings at Chinook Readiness Center and FMS 07, MT (Total 1,387 m2/14,932 SF), 2 buildings at Glasgow Readiness Center, MT (Total 905 m2/9,740 SF), and 2 buildings at Malta Readiness Center, MT (Total 871 m2/9,379 SF). Air Conditioning (Estimated 401 kWr/114 Tons).

1. COMPONENT					2. DAT	E
	FY 2019 MILITARY	CONSTRUC'	TION PROJECT	T DATA		
ARNG					05	FEB 2018
3. INSTALLATION AND LOCATION			4. PROJECT TITL	·Ε	<u> </u>	
Malta						
Montana			National Gu	ard Read:	iness Cent	er
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJE	CT COST (\$000	)
		85	656			
0505896A	17180	30	0031	Approp	15,	000
9. COST ESTIMATES (CO	NTINUED)	•		•		
					UNIT	COST
ITEM	UM	(M/E)	QUANTIT	ГҮ	COST	(\$000)
PRIMARY FACILITY (CON	TINUED)					
44262 Unheated Encl/S	hed-TP Vhcl Strg m2	(SF)	2,414 (	25,988)	730.33	(1,763)
81160 Backup/Emergenc	y Generator EA		1		150,000	(150)
85210 Organizational	Vehicle Parking ( m2	(SY)	1,243 (	1,487)	145.10	(180)
Sustainability/	Energy Measures LS					(226)
					Total	2,319

11. REQ: 6,564 m2 ADQT: NONE SUBSTD: NONE
PROJECT: To construct a 70,650 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the MTARNG. This facility will be built on State Land. (New Mission)

REQUIREMENT: This project will consolidate one unit with two detachments at three separate armories into one unit at one facility and close legacy facilities of the Montana Army National Guard. The units will have a well equipped facility to provide support to the citizens of Northwest Montana. This will be a regionally located modern ARNG Readiness Center to support the mission for the 484th Military Policy Company (WX8XAA).

This facility is designed to meet DA directed MTOE changes for the listed units authorized soldiers, within the transformed force structure of the MT ARNG, and to provide adequate logistical, training and administrative space for this unit to maintain retention and readiness. No other adequate facilities are available to properly support this unit.

CURRENT SITUATION: This project is critical to the state of Montana due to the current situation of the three facilities that the unit occupies not meeting training or readiness requirements. This new facility is required to properly house and train the soldiers of 484th MP CO, which is currently split up between Malta and Glasgow. The existing facilities in Malta and Glasgow are only 10,372 SQFT and 9,516 SQFT respectively. As a result of this, there is a significant shortage of space available for all elements of the unit; specifically maintenance training bays, classrooms, storage, supply and training device/simulation space. None of these requirements are available at the existing locations due to size and/or scheduling constraints. Nor do the existing sites support the construction of all the required Readiness Center space and supporting items while still meeting AT/FP requirements.

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

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

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

The facility where the current operations are being conducted was constructed in 1965.

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUC	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Malta					
Montana			National Guar	d Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Γ (\$000)
		85	656		
0505896A	17180	30	0031	Approp	15,000
CURRENT SITUATION: (C	CONTINUED)	'			

The facility itself is considerably undersized for the soldiers currently assigned there. Combined with the requirement for soldiers to be stationed in a location in order to receive federal funding, the loss (closure) of this facility is likely imminent which gives a likelihood of at least probable and a severity code of Major.

The current facility has an indoor range facility which has not been properly mitigated for lead and, despite being closed for use, continues to pose a threat to the health of soldiers stationed there. The facility also has unmitigated asbestos in the form of floor tiles, insulation (both for pipe and building) which, while sealed in, continues to pose a potential risk.

While small, the current facility is inefficient to heat and provides no cooling. The cost per square foot for heating is the highest in the state among the older buildings. The hot water system uses two non-energy efficient heaters which add considerably to the cost of the facility and degrade reliability.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
30B15	6043	17180	00001	2017	F3	Q4	C3	Malta Readiness
								Center
30A50	5215	17180	00001	2017	F3	Q4	C3	Glasgow Readiness
								Center

Current facility does not meet ADA requirements for ramps, doors or bathrooms. State codes for heating, electrical and plumbing have changed considerably since this facility was constructed and so while the facility initially met codes, it no longer does.

The Current facility is not ADA compliant due to lack of ramps, accessible doorways, bathrooms and work areas. Facility does not meet ATFP requirements due to construction materials and lack of standoff distance due to insufficient amount of land. Facility provides essentially no training areas for soldiers and is 40% deficient or more in all functional areas.

That facilities with fewer than 55 personnel will not receive federal funds, the decision was made to station the entire company at this location to maximize the cost savings and training potential.

IMPACT IF NOT PROVIDED: If this project is not provided, the unit's ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected due to the failure to provide adequate facilities. The Malta and Glasgow facilities are two of the oldest buildings in the Montana Army National Guard inventory and have the highest associated O & M costs per square foot of any buildings owned by the MTARNG. Malta is 290 miles from the Fort Harrison Maneuver Training Area and the Advanced Technology Training Center in Helena. Glasgow is 330 miles away and Billings is 250 miles. Since the facilities currently in use by this unit are not sufficient to meet training needs, travel of this magnitude has been a requirement for the unit ever since it was stood up. This travel has been both expensive and time

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Malta Montana			National Guar	d Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	656		
0505896A	17180	30	0031	Approp	15,000

IMPACT IF NOT PROVIDED: (CONTINUED)

consuming, resulting in a greatly reduced state of readiness. Delays in the funding of this project will force the continued use of inadequate and unsound (Malta and Glasgow) or overcrowded (Billings) facilities that will continue to incur high operations and maintenance costs and negatively impact troop readiness, training and morale.

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

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

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

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

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

## 12. SUPPLEMENTAL DATA:

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

(a)	Design Start Date	OCT 2015
(b)	Percent Complete as of January 2018	65
(C)	Date 35% Designed	MAY 2017
(d)	Date Design Complete	FEB 2019
(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. DATE
		FY 2019 MILI	TARY CONSTRUCTION PRO	JECT DATA	
ARNG					05 FEB 201
NSTALLATION A	ND LOCATION		4. PROJECT	T TITLE	
ta					
itana			Nationa	l Guard Readines	s Center
PROGRAM ELEMEN	Г	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
			85656		
)5896A		17180	300031	Approp	15,000
SUPPLEME	ENTAL DAT	TÀ (CONTINUED		<u>'</u>	
A. Esti	mated Des	sign Data: (CONT	'INUED)		
(2)	Basis:				
	(a) Sta	andard or Defini	tive Design: NO		
	(61)	0.1100.100 01 2011111			
(3)	Total De	esian Cost (c) =	(a)+(b) OR (d)+(e):		(\$000)
(3)		_	s and Specifications		84:
			osts		47
		S	• • • • • • • • • • • • • • • • • • • •		1,31
	` '				1,31
	(e) In	-house			
(4)	Constru	ction Contract A	ward		MAR 201
(5)	Constru	ction Start			APR 201
(6)	Constru	ction Completion			MAR 202
D. Element				l be more ded for	
other app	pment as: ropriatio	sociated with th ons:	is project which wil	i be provided in	JIII
oonor opp	-0p-100-			Fiscal Year	
Equipment			Procuring	Appropriated	Cost
Nomenclat	ure		Appropriation	Or Requested	(\$000
F F & E			OMNG	2020	75
Kitchen E	quipment	(Type C)	OMNG	2020	5
ESS (171R	)		OPA	2020	2
Info Sys	- ISC		OPA	2020	11
Info Sys			OMNG	2020	34
				_	
				Total	1,28

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_										
1.	COMPONENT		F		UARD AND R			2. DATE		
	ARNG			MILITAR	Y CONSTRUC	TION		05 F	EB 2018	
3.	INSTALLATION AND I	OCATION						4. AREA	CONSTRUCT	rion
	North Las Vegas			II	NSNO= 32A	55		COST	INDEX	
	Nevada								1.20	
5.	FREQUENCY AND TYPE	OF UTIL	ZATION					'		
	Administration 5 d	lays/week,	with 2-day	training	g assembly	2-3 time	s/month.			
6.	OTHER ACTIVE/GUARI									
	ARNG N. Las Ve				Readiness		7,370 m2	(79,330 8		
	ARNG N. Las Ve	gas, NV			Readiness	Center	6,356 m2	(68,420 \$	SF) 201	13
	USAF N. Las Ve	gas, NV	5.	00 miles	Base		92,903 m2	(1,000,000	SF) 194	10
	AR N. Las Ve	gas, NV	15.	00 miles	Center		1,951 m2	(21,000 8	SF) 196	50
	ARNG Las Vegas	, NV	25.	00 miles	Readiness	Center	8,161 m2	(87,840 \$	SF) 200	37
	ARNG Henderson	, NV	25.	00 miles	Readiness	Center	2,035 m2	(21,909 8	SF) 197	71
7	PROJECTS REQUESTED	TM THE	DDOCDAM							
٠.	CATEGORY	) IN INIS	PROGRAM				COS	m DEGI	GN STATUS	
		יי דייידי די			SCOPE		(\$00			
			NESS CENTER	0 020						-
	17180 NATIONAL	GOARD READI	NESS CENTER	8,038 1	m2 (86,5	24 SF)	32,0	000 DEC 201	.5 DEC 20	18
8.	STATE GUARD/RESERV	E FORCES	FACILITIES H	BOARD REG	COMMENDATIO	N				
	FACILITIES IDENTIF	'IED IN IT	EM #6 HAVE I	BEEN EXAM	MINED BY TH	IE STATE	RESERVE FORCES	17	MAR 2017	
	FACILITIES BOARD E	OR POSSIE	LE JOINT US	E/EXPANSI	ON. THE BO	ARD RECO	MMENDATIONS AR	 E	(Date)	
	UNILATERAL CONSTRU	CTION.								
_										
9.	LAND ACQUISITION F	REQUIRED								
	None								0	
								(Number	of acres)	
10	. PROJECTS PLANNED	IN NEXT E	OUR YEARS							
	CATEGORY								COS	3T
	CODE PROJECT	TITLE					SCOPE		(\$00	00)
	NONE									
	DEFERRED SUSTAINME	NT, RESTO	PRATION, AND	MODERNIZ	ZATION (SRI	1): 3	2,000			
	A SITE SURVEY HAS	BEEN COME	LETED AND TH	HE SITE 1	IS SUITABLE	FOR CON	STRUCTION OF T	HE PROPOSED	PROJECT A	T
	THE ESTIMATED COST									
11	. PERSONNEL STRENGT	H AS OF 1	.2 DEC 2017							
			PERMANEN'	Г			GUARD	/RESERVE		
		TOTAL	OFFICER E	NLISTED	CIVILIAN		TOTAL	OFFICER E	NLISTED	
	AUTHORIZED	32	7	25	0		292	75	217	
	ACTUAL	38	6	20	12		291	71	220	
12	. RESERVE UNIT DATA									
								ST	RENGTH	
	UNIT DESIGNATION			UIC	TI	PSN	MTOE/TDA	AUTHORI	ZED ACTU	JAL
	(HHC & SPECIAL TRO	00)		WPDNAZ	A 26	317	63302KNG13		257 2	258
	(CO ORD CO, EOD (F	ECAP)		WPANA	A		09440RNG21		35	33
										291
							As	signed/Auth	orized: 10	)0%

ARNG	FY 2019 GUARD AND RESERVE		2. DATE
	MILITARY CONSTRUCTION		05 FEB 2018
INSTALLATI	ON AND LOCATION		4. AREA CONSTRUCTIO
North Las			COST INDEX
Nevada			1.20
			1.20
	IPMENT AND AIRCRAFT	3	2 00000
-	TYPE	AUTHORIZEI	
	WHEELED	74	
	TRAILERS	63	61
-	FRACKED	(	) (
1	EQUIPMENT > 30 FT	(	0
]	Fuel Truck	1	L 1
j	HET	(	) (
	POTALS	138	
OUTSTANDI	NG POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)	
ī	A. AIR POLLUTION	(	)
į	B. WATER POLLUTION	(	)
	C. OCCUPATIONAL SAFETY AND HEALTH	(	

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUC	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATIO	N		4. PROJECT TITLE		
North Las Vegas Nevada			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
			532		
0505896A	17180	32	:0157	Approp	32,000

	9. C	OST EST	'IMATES		
ITEM	UM	(M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					25,181
17180 Readiness Center	m2	(SF)	7,702 ( 82,899)	2,927	(22,540)
44224 Unheated Storage Building	m2	(SF)	306.12 ( 3,295)	1,746	(534)
44228 Controlled Waste Facility	m2	(SF)	30.66 ( 330)	1,888	(58)
81160 Backup/Emergency Generator	EA		1	150,000	(150)
85210 Organizational Vehicle Parking (	m2	(SY)	5,937 ( 7,100)	110.33	(655)
Total from Continuation page(s)					(1,244)
SUPPORTING FACILITIES					4,268
Electric Service	LS				(245)
Water, Sewer, Gas	LS				(668)
Paving, Walks, Curbs And Gutters	LS				(1,301)
Storm Drainage	LS				(500)
Site Imp(755) Demo()	LS				(755)
Information Systems	LS				(115)
Antiterrorism Measures	LS				(388)
Other	LS				(296)
ESTIMATED CONTRACT COST					29,449
CONTINGENCY (5.00%)					1,472
SUBTOTAL					30,921
SUPV, INSP & OVERHEAD (3.49%)					1,079
TOTAL REQUEST					32,000
TOTAL FEDERAL REQUEST					32,000
TOTAL FEDERAL REQUEST (ROUNDED)					32,000
INSTALLED EQT-OTHER APPROP					(2,692)

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, Unheated Storage Building, Heating Plant, Geothermal, and Electric Power, Photovoltaic. Comprehensive interior design services are requested. 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, qutters, 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 Updated 2017. 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 93,553 SQFT. Disposal of 1 building at Hawthorne Armory, NV (Total 967 m2/10,404 SF), 11 buildings at South Carson Complex, NV (Total 5,848 m2/62,946 SF), 1 building at Elko Complex, NV (Total 163 m2/1,753 SF), 1 building at Ely Readiness Center, NV (Total 947 m2/10,198 SF), 1 building at Henderson Complex, NV (Total 84 m2/900 SF), 2 buildings at Floyd Edsall

1. COMPONENT						2. DATE	
	FY 2019 MILITA	ARY (	CONSTRUCT	TION PROJECT D	ATA		
ARNG	05 F	EB 2018					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
North Las Vegas							
Nevada				NATIONAL GUAR	D READINESS	S CENTE	ER
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)	
			86	532			
0505896A	17180		32	0157	Approp	32,0	000
9. COST ESTIMATES (CON	TINUED)				•		
					UN	IT	COST
ITEM		UM	(M/E)	QUANTITY	CO	ST	(\$000)
PRIMARY FACILITY (CONT	'INUED)						
81122 Electric Power,	Photovoltaic	EΑ		1	250	,000	(250)
82187 Heating Plant, G	eothermal	EΑ		1	500	,000	(500)
Sustainability/E	nergy Measures	LS			-	_	(494)
					To	otal —	1,244

## DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Training Center, NV (Total 203 m2/2,184 SF), and 2 buildings at Winnemucca Complex, NV (Total 480 m2/5,168 SF). Air Conditioning (Estimated 1,041 kWr/296 Tons).

11. REQ: 8,038 m2 ADQT: NONE SUBSTD: NONE
PROJECT: To construct an 86,524 SQFT National Guard Readiness Center that supports the training, administrative, and logistical requirements for the NVARNG. This facility will

be built on State land. (Current Mission)

REQUIREMENT: This project will provide a facility designed to support the Sustainment Brigade (WPDNAA; Edate 9/1/11) and an EOD company (WPANAA; Edate 9/1/14) allowing them to move out of the overcrowded Las Vegas Readiness Center and remaining units to move back into originally assigned space, alleviating overcrowding at the North Las Vegas Readiness Center and the Clark County Armory which had to absorb units to support the Sustainment Brigade and EOD space needs. The units will have a well-equipped facility to provide support to the citizens of southern Nevada. This will be a modern ARNG Readiness Center located on the north end of the Las Vegas Valley to support the mission for the 17th Sustainment Brigade and 3665 EOD Company.

CURRENT SITUATION: This project is critical to the state of Nevada due to the current situation of the 17th Sustainment Brigade activated in FY10 and the 3665th EOD activated in FY13. They are temporarily located at the Las Vegas Readiness Center which lacks sufficient space, such as admin, classrooms, locker rooms, showers, and vehicle parking, to support these additional units. The current facility is the home of the 1864th Transportation Company and the 422nd Signal Company, both of which are displaced and packed into other facilities until the NVARNG constructs a new facility to house the brigade and EOD Company. The 17th Sustainment Brigade is the brigade headquarters; the first brigade element in the state of Nevada. Current facilities were designed for company to battalion sized elements and therefore are critically lacking in necessary administrative space. Due to overcrowding, soldier counselings and planning meetings are often conducted in supply areas or corners of the drill hall floor. Soldiers have to park up to a quarter mile away off property during drill weekends and the units park their military vehicles 25 miles away at the Henderson Armory.

The State of Nevada 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 Nevada.

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

1. COMPONENT					2. DATE
	FY 2019 MILITARY (	CONSTRUCT	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
North Las Vegas Nevada			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17180		532 0157	Approp	32,000
CURRENT SITUATION: (C	ONTINUED)	•			

There currently is no facility to complete the mission.

RAC score is Critical based on facility overcrowding and use of electrical closets as offices. The probability of electrical arc/electrocution injury is catastrophic in severity and, given constant proximity of untrained personnel to electrical panels, is a probable event.

Significant Life Health Safety issues are related to conversion of mechanical closets, especially electrical, to individual offices. Additional issues stem from insufficient POV parking leading soldiers to park along public roads and walk/cross said roads increasing likelihood of pedestrian vs. vehicle accident.

Increased loads on HVAC system lead to increased maintenance costs and the installation of a dedicated cooling to server racks at of cost of \$120,000 in FY 15.

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

NVARNG is in violation of Clark County (NV) Air Quality Regulation Section 41: Fugitive Dust. This requires all parking to be on flexible or rigid paving. NVARNG uses extensive gravel parking areas to support the vehicles assigned to units at the Las Vegas Readiness Center.

Based on current NG PAM 415-12, the Las Vegas Readiness Center has insufficient locker, latrine, administrative, supply room, vault, kitchen, POV parking, military parking and unheated storage space to serve the current assigned population. No other facilities exist within reasonable commuting distance to relocate units to alleviate facility overcrowding.

IMPACT IF NOT PROVIDED: If this project is not provided the Brigade Headquarters will have to continue sharing offices, perpetuating security and privacy issues as multiple Soldiers use the same limited secured offices. Training will have to take place without the use of classrooms, and Soldiers will continue to store their military gear at home which continues the risk of equipment loss or damage during transport. Travelling across the Las Vegas Valley to get rolling stock stored at other facilities adds to maintenance and fuel costs and cuts into limited training time.

<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.

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

1. COMPONENT					2. DATE
		FY 2019 MILITARY (	CONSTRUCTION PROJECT	r data	
ARNG					05 FEB 2018
3. INSTALLATION AND LO	OCATION		4. PROJECT TITI	ĿΕ	
North Las Vegas Nevada			NATIONAL GU	JARD READINES	S CENTER
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)
			86532		
0505896A ADDITIONAL: (CON	TOT T ATT TO	17180	320157	Approp	32,000
· · · · · · · · · · · · · · · · · · ·	NTINUE	<u>D)</u> ROTECTION: This proj	ogt hag boon goordi	nated with th	o ingtallation
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		as required by UFC			
		ds for Buildings) ar	_		
		uction and cost esti			
		ternative methods of			
	develo	pment. This project	is the only feasibl	e option to r	meet the
requirement.					
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		ON: The Deputy Assis at this project has			
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12. SUPPLEMENTA	יז. איד	7.			
A. Estimat		<del></del>			
		sign Data:			
, ,	atus:				
(a		sign Start Date			DEC 2015
(b	) Per	cent Complete as of	January 2018		65
(c	) Dat	te 35% Designed			AUG 2017
(d	) Dat	e Design Complete			DEC 2018
(e	) Par	cametric Cost Estimat	ing Used to Develop	Costs	NO
(f	) Typ	e of Design Contract	: Design-bid-build	l	
(g		energy study and lif	_		
(9		cumented during the f		,15 W111 8C	
	aoc	differenced during the i	illiai desigii.		
(0) 5					
	sis:				
(a	) Sta	andard or Definitive	Design: NO		
(3) To	tal De	esign Cost $(c) = (a) +$	-(b) OR $(d) + (e)$ :		(\$000)
(a	) Pro	duction of Plans and	l Specifications		1,787
(b	) All	Other Design Costs.			1,012
(c		al Design Cost			2,799
(d		ntract			2,799
(e		house			
(e	, 111-	110456			

				2. DATE	
	FY 2019 MILIT	ARY CONSTRUCTION PRO	DJECT DATA		
ARNG					
. INSTALLATION AND LOC	ATION	4. PROJEC	T TITLE		
North Las Vegas Nevada		NATIONA	AL GUARD READINESS	S CENTER	
. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)	
25050067	15100	86532		20.000	
)505896A L2. SUPPLEMENTAI	17180	320157	Approp	32,000	
	L DATA (CONTINUED) d Design Data: (CONTI	-			
	struction Contract Av			MAR 2019	
(5) Con:	struction Start			APR 2019	
( - ,					
(6) Cons	struction Completion			MAR 2021	
	t associated with thi			om Cost	
B. Equipment other appropri	t associated with thi	is project which wil Procuring	l be provided fro Fiscal Year Appropriated	Cost (\$000)	
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B. Equipment other appropriations of the second sec	t associated with the iations:  ment (Type C)	is project which wil  Procuring  Appropriation  OMNG  OMNG  OPA	l be provided from Fiscal Year Appropriated Or Requested 2020 2020 2020	Cost (\$000) 1,600	

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⊥.	COMPONENT			FY 2019 GUA	ARD AND RESERVE		2. DATE	
	ARNG			MILITARY	CONSTRUCTION		05 FE	EB 2018
3.	INSTALLATION AND I	OCATION					4. AREA	CONSTRUCTION
	Pembroke			INS	NO= 33L74		COST	INDEX
	New Hampshire							1.25
5	FREQUENCY AND TYPE	OF HTTI.	TZATION					
٥.				a		- / 1-		
	Administration 5 d	lays/week	, with 2-0	day training a	assembly 2-3 time:	s/montn.		
6	OTHER ACTIVE/GUARD	/RESERVE	TNSTALLA	TIONS WITHIN 1	15 MILE RADIUS			
٥.						2 662 2	/20 412 0	7) 1061
	ARNG Concord, 1				Readiness Center			
	ARNG Concord, N	MH		3.00 miles A	viation Facility	3,001 m2	(32,298 SI	F) 2004
	ARNG Franklin,	NH		19.00 miles R	Readiness Center	1,380 m2	(14,857 SI	F) 1965
7.	PROJECTS REQUESTED	) IN THIS	PROGRAM					
	CATEGORY					COST	DESIG	N STATUS
	CODE <u>PROJECT</u>	TITLE			SCOPE	(\$000	) START	CMPL
	17180 NATIONAL	GUARD READ	INESS CENTE	R 2,565 m2	(27,607 SF)	12,00	0 OCT 2016	AUG 2017
				_,	(=:,,==:,	,		
8.	STATE GUARD/RESERV	Æ FORCES	FACILITIE	ES BOARD RECON	MMENDATION			
	FACILITIES IDENTIF	IED IN I	TEM #6 HAV	VE BEEN EXAMIN	NED BY THE STATE I	RESERVE FORCES	15	MAR 2017
	FACILITIES BOARD F							(Date)
			TIMI OCTIVI	COE, EVLUISIO	IIID DOMND KECUI	THE CHOTTONS AKE		(Date)
	UNILATERAL CONSTRU	JCTION.						
9	LAND ACQUISITION R	EUITEED						
٠.		шдотпшь						0
	None							0
							(Number	of acres)
1 0	. PROJECTS PLANNED	דאז אופעידי	EULID AEVD	2				
10		TIM IMPEXI	FOOK IEAK	3				
	CATEGORY							COST
	CODE PROJECT :	ritle_				SCOPE		(\$000)
	NONE DEFERRED SUSTAINME	ENT, REST	ORATION, A	AND MODERNIZA:	fion (SRM):	4,301		
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	PLETED ANI	O THE SITE IS			E PROPOSED	PROJECT AT
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1.	COMPONENT	FY 2019 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		05 FEB 2018
3.	INSTALLATION AND I	COCATION	4.	AREA CONSTRUCTION
	Pembroke	INSNO= 33L74		COST INDEX
	New Hampshire			1.25
		TION AND SAFETY DEFICIENCIES		
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1. COMPONENT					2. DATE
	FY 2019 MILITAR	Y CONSTRUC	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION	ON		4. PROJECT TITLE	•	
Pembroke New Hampshire			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505005	17100		474		10.000
0505896A	17180	33	0043	Approp	12,000

	9. C	COST EST	IMATES		
ITEM	UM	(M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					8,599
17180 Readiness Center	m2	(SF)	2,565 ( 27,607)	3,183	(8,163)
81160 Backup/Emergency Generator	EA		1	150,000	(150)
85210 Organizational Vehicle Parking (	m2	(SY)	794.32 ( 950)	131.56	(105)
85210 Organizational Vehicle Parking (	m2	(SY)	401.34 ( 480)	31.10	(12)
Sustainability/Energy Measures	LS				(169)
SUPPORTING FACILITIES					2,238
Electric Service	LS				(300)
Water, Sewer, Gas	LS				(205)
Paving, Walks, Curbs And Gutters	LS				(650)
Storm Drainage	LS				(100)
Site Imp(430) Demo()	LS				(430)
Information Systems	LS				(111)
Antiterrorism Measures	LS				(186)
Other	LS				(256)
ESTIMATED CONTRACT COST					10,837
CONTINGENCY (5.00%)					542
SUBTOTAL					11,379
SUPV, INSP & OVERHEAD (5.46%)					621
TOTAL REQUEST					12,000
TOTAL FEDERAL REQUEST					12,000
TOTAL FEDERAL REQUEST (ROUNDED)					12,000
INSTALLED EQT-OTHER APPROP					(0)

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved). Comprehensive interior design services are requested. 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 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 2017. Access for individuals. 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 27,626 SQFT. Disposal of 1 building at Claremont Readiness Center, NH (Total 10 m2/112 SF), 1 building at National Guard Training Site, NH (Total 9 m2/100 SF), 5 buildings at State Military Reservation, NH (Total 29 m2/310 SF), 1 building at Dover Readiness Center, NH (Total 11 m2/120 SF), 2 buildings at Franklin Readiness Center, NH (Total 18 m2/197 SF), 1 building at Hillsborough Readiness Center, NH (Total 6 m2/60 SF), 1 building at Lancaster Readiness Center, NH (Total 6 m2/66 SF), 2 buildings at Littleton Readiness Center, NH (Total 23 m2/248 SF), 3 buildings at

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUC'	TION PROJECT	DATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATIO	DN		4. PROJECT TITLE		
Pembroke New Hampshire			NATIONAL GUA	ARD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)
		85	474		
0505896A	17180	33	0043	Approp	12,000
DECORPORATION OF BRODE	CORD CONTEMPINATION	/ OO 3 TO T 3 TT T T T T	\		

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Peterborough Readiness Center, NH (Total 1,081 m2/11,639 SF), 1 building at Plymouth Readiness Center, NH (Total 7 m2/76 SF), 1 building at Somersworth Readiness Center, NH (Total 7 m2/74 SF), 2 buildings at Woodsville Readiness Center, NH (Total 1,340 m2/14,424 SF), and 2 buildings at New Hampshire Regional Training Institute, NH (Total 19 m2/200 SF). Air Conditioning (Estimated 327 kWr/93 Tons).

11. REQ: 2,565 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct 27,607 SF National Guard Readiness Center that supports training, administrative, and logistical requirements for the NHARNG. This facility will be built on State land. (Current Mission)

REQUIREMENT: These facilities are designed to meet Department of Army directed MTOE changes for the 237th Military Police Company and its total authorized strength. The NHARNG recently transformed its force structure and stationing changes are therefore required. This project will provide ISR mission and quality green facilities and significantly enhance strategic readiness by placing a vital asset in the center of the State. The facility is to be constructed on already acquired state property that is adjacent to where the new NHARNG RTI is undergoing construction.

CURRENT SITUATION: This project is critical to the state of New Hampshire due to the current situation of facilities supporting this mission lack the majority of NG Pam 415-12 criteria; administration space is less than 1%, storage space is less than 1%, classrooms are only 41%, no learning center, no multipurpose training area, no general purpose training bay and no external covered storage for military vehicles. Consequently Installation Status Reports (ISR) are failing for Mission and Quality. RPLANS reports a failing Capacity rating. International building codes are not met. Americans with disabilities Act (ADA) standards are not met. Anti-terrorism Force Protection (ATFP) standoff distances are not met.

The State of New Hampshire 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 New Hampshire.

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

The facility where the current operations are being conducted was constructed in 1961.

Per DODI 6055.1, DOD Safety and Occupational Health (SOH) Program, Aug 19, 1998, E7.1. Deriving RACs for Safety and Musculoskeletal hazards Risk Assessment Codes (RAC), this facility is ranked II-B, a hazard severity finding of Major with accident or major loss of equipment probably will occur in time.

Hazards include exposure to lead which exceeds the 200 micrograms per square foot, overcrowded spaces, lack of environmental climate control for both personnel and equipment. Personnel are exposed to humidity levels which do not meet the US Army Center for Health Promotion and Prevention Medicine of 30-60%, and humidity sensitive M1117 Armored Security Vehicle (ASV), exceeding a value of \$800,000 each, being exposed to extreme climatic conditions in New Hampshire without protection. ATFP measures for

1. COMPONENT					2. DATE	
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA		
ARNG					05 FEB	2018
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Pembroke New Hampshire			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	[ (\$000)	
		85	474			
0505896A	17180	33	0043	Approp	12,000	

CURRENT SITUATION: (CONTINUED)

standoff distances and vehicle access prevention are not met which possibly will result in catastrophic damage to building and personnel.

Increased maintenance costs to ASV systems due to lack of climate control protection.

Site Site Local Cat FACNO ISR-I Q C F Code UID Code Year Rating Rating Rating Name 33A15 7415 17180 2015 M0000 F4 04

- 1) Ventilation- vehicles operating in the Drill Hall due to lack of training bay, building air exchange rates OSHA: 1910.94
- 2) Asbestos-1910-1001 & Lead- 1910.1025
- 3) Walking-Working Surfaces- OSHA 1910.22 (a) (1). All places of employment, passageways, storerooms, and service rooms shall be kept clean and orderly and in a sanitary condition.

Second floor means of egress. 1910.37, 1910.35

Means of egress- 1910.36(a) (2) An exit must be separated by fire resistant materials. 1910.36(b)(1) More than two exits. Note to paragraph (b) of this section: For assistance in determining the number of exit routes necessary for your workplace, consult NFPA 101-2009, Life Safety Code, or IFC-2009, International Fire Code (incorporated by reference, see § 1910.6).

4) Electrical wiring- OSHA 1910.303

The current facilities do not comply with NG Pam 415-12 criteria and allowances. Lacking spaces include; training, administrative, supply room, toilets/showers, locker room, privately owned vehicle parking, military parking and unheated storage space. Installation Status Report (ISR) notes failing ratings Mission and Quality, Climate sensative Vehicles are stored on Assembly Hall floor. There is no maintenance training bay. Lack of railings/grab bars, bathroom space and ramps make it fail the bas IMPACT IF NOT PROVIDED: If this project is not provided, the unit readiness will be negatively impacted. The NH Adjutant Generals priority to construct a new centrally located facility for the 237th Military Police Company that improves training and enhance emergency response capabilities will not be achieved. Should congressional appropriation for the project not be obtained, the 237th MPs will not be able to respond as quickly in the event of a State Active Duty. Current space shortages, and poor working environments will continue to be non-conducive to administrative tasks and training and negatively affect Operational Tempo (OPTEMPO). Only minimal Life Health Safety standards will be achieved. Operations and Maintenance expenditures will continue to be high due to lack of energy efficiency and failing systems. Equipment maintenance costs will become unaffordable due to lack of proper organizational storage. Military equipment maintenance costs will remain high due to direct exposure to sever cold temperature and at times be unavailable due to ice and snow. Retention will decrease because the dilapidated facility lacks the proud, professional, look that is an ingredient for improved morale.

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

1. COMPONENT					2. DATE		
	FY 2019 MILITARY CONSTRUCTION PROJECT DATA						
ARNG					05 FEB 2018		
3. INSTALLATION AND LOCATION			4. PROJECT TITLE				
Pembroke							
New Hampshire			NATIONAL GUAR	D READINESS	CENTER		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)		
		85	474				
0505896A	17180	33	0043	Approp	12,000		
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 (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 2016
(b)	Percent Complete as of January 2018	100
(C)	Date 35% Designed	JAN 2017
(d)	Date Design Complete	AUG 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:
- (3) Total Design Cost (c) = (a) + (b) OR (d) + (e): (\$000) (a) Production of Plans and Specifications..... 650

				2. DATE
	FY 2019 MILI	TARY CONSTRUCTION PRO	JECT DATA	
ARNG				05 FEB 2018
INSTALLATION AND LOC	ATION	4. PROJECT	TITLE	
embroke				
ew Hampshire			L GUARD READINES	
PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
		85474		
505896A	17180	330043	Approp	12,000
2. SUPPLEMENTAL	· · · · · · · · · · · · · · · · · · ·			
A. Estimated	d Design Data: (CON			
(b)	All Other Design (	Costs		368
(c)	Total Design Cost			1,018
(d)	Contract			1,018
(e)	In-house			0
(4) Con	struction Contract A	Award		MAR 2019
, , , , , , , , , , , , , , , , , , , ,				
(5) Con	struction Start			APR 2019
(3) COII	scruccion scarc		• • • • • • • • • •	— AFR 2019
( 7 )				
(6) Cons	struction Completion	n		MAR 2021
Equipment Nomenclature		Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
F F & E		OMNG	2020	600
Kitchen Equip	ment (Type C)	OMNG	2020	50
Info Sys - IS		OPA	2020	129
Info Sys - PRO	)P	OMNG	2020	68
			Total	847

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	GOLDONINA						To 53.00	
1.	COMPONENT				JARD AND RESERVE		2. DATE	
	ARNG			MILITARY	Y CONSTRUCTION		05 1	FEB 2018
3.	INSTALLATION AND I	LOCATION						A CONSTRUCTI
	Fargo			IN	SNO= 38A60		COST	T INDEX
	North Dakota							1.06
5.	FREQUENCY AND TYPE	OF UTIL	IZATION					
	Administration 5 d	lays/week	, with 2-d	lay training	assembly 2-3 time	s/month.		
6	OTHER ACTIVE/GUARD		TNSTALLAT	MIHTHE SMOT	15 MILE PADIIIS			
١٠.	ANG Fargo, ND			1.00 miles		1,006,170 m2	(10.830	323 GE) 1945
	ARNG Fargo, ND				Readiness Center			
	ARNG Wahpeton,				Readiness Center			
	Add Wallpecoli,	ND		77.00 111105	Readiness center	3,007 1112	(33,231 )	2005
7.	PROJECTS REQUESTED	IN THIS	PROGRAM					
	CATEGORY					COST	DESI	GN STATUS
	CODE PROJECT	TITLE			SCOPE	(\$000	)) START	CMPL
	17180 National	Guard Read	liness Center	14,550 m	n2 (156,614 SF)	32,00	00 OCT 20	16 DEC 201
_								
8.	STATE GUARD/RESERV							
					INED BY THE STATE			MAR 2017
			BLE JOINT	USE/EXPANSI	ON. THE BOARD RECO	MMENDATIONS ARE		(Date)
	UNILATERAL CONSTRU	JC'I'ION.						
9.	LAND ACQUISITION F							
	None							0
							(Number	of acres)
10	. PROJECTS PLANNED	IN NEXT	FOUR YEARS	i				
	CATEGORY							COST
	CODE PROJECT :	<u> </u>				SCOPE		(\$000
	NONE							
	DEFERRED SUSTAINME	ENT, REST	ORATION, A	ND MODERNIZ	ATION (SRM): 3	2,000		
				THE SITE I	S SUITABLE FOR CON	STRUCTION OF TH	E PROPOSEI	PROJECT AT
	THE ESTIMATED COST	' INDICAT	ED.					
11.	. PERSONNEL STRENGT		28 SEP 201	7				
11	. PERSONNEL STRENGT		28 SEP 201	.7				
11	. PERSONNEL STRENGT					GUARD/	RESERVE	
11	. PERSONNEL STRENGT	TH AS OF	PERMAN	IENT			RESERVE FFICER E	NLISTED
11.		TOTAL	PERMAN OFFICER	JENT ENLISTED	CIVILIAN 0	TOTAL O	FFICER E	NLISTED
11	AUTHORIZED	TOTAL 29	PERMAN OFFICER 6	IENT	0	TOTAL 0		244
11		TOTAL	PERMAN OFFICER	ENLISTED 23		TOTAL O	FFICER E	
	AUTHORIZED ACTUAL	TOTAL 29 28	PERMAN OFFICER 6	ENLISTED 23	0	TOTAL 0	FFICER E	244
	AUTHORIZED	TOTAL 29 28	PERMAN OFFICER 6	ENLISTED 23	0	TOTAL 0	FFICER E 81 60	244
	AUTHORIZED ACTUAL . RESERVE UNIT DATA	TOTAL 29 28	PERMAN OFFICER 6	ENLISTED 23 20	0 3	TOTAL 0 325 269	FFICER E 81 60	244 209 FRENGTH
	AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	TOTAL 29 28	PERMAN OFFICER 6	ENLISTED 23 20 UIC	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA	FFICER E 81 60	244 209 FRENGTH ZED ACTUA
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO)	TOTAL 29 28	PERMAN OFFICER 6	ENLISTED  23  20  UIC  WP9BAA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44	FFICER E 81 60 SI AUTHORI	244 209 TRENGTH  ZED ACTUA 81 8
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29	FFICER E 81 60 SI AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO)	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29 01655ENG21	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3 325 26
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29 01655ENG21	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3 325 26
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29 01655ENG21	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3 325 26
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29 01655ENG21	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3 325 26
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29 01655ENG21	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3 325 26
	AUTHORIZED ACTUAL  RESERVE UNIT DATA  UNIT DESIGNATION (CO MP CO) (HQ HHC, MANEUVER	TOTAL 29 28 A ENHA)	PERMAN OFFICER 6 5	ENLISTED  23  20  UIC  WP9BAA  WY30AA	0 3 <u>TPSN</u>	TOTAL 0 325 269  MTOE/TDA 19473KNG44 37342RNG29 01655ENG21	FFICER E 81 60 ST AUTHORI	244 209 FRENGTH  ZED ACTUA 81 8 196 15 48 3 325 26

1. COMPONENT	FY 2019 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		05 FEB 2018
. INSTALLATION AND L	OCATION		4. AREA CONSTRUCTIO
Fargo	INSNO= 38A60		COST INDEX
North Dakota			1.06
13. MAJOR EQUIPMENT A	אח אדסמסאפיד		
	ND AIRCRAFT	ATIMITOD I AM	) A CIPITAT
TYPE		AUTHORIZEI	
WHEELED		83	
TRAILERS		108	
TRACKED			0
EQUIPMENT			2 2
Fuel Truc	žk	2	2 2
HET			00
TOTALS		195	5 195
A OTHERNAMETRE DOLLIN	TION AND SAFETY DEFICIENCIES		
14. OUISTANDING POLLO	IION AND SAFEII DEFICIENCIES	(6000)	
1 175 5		(\$000)	
A. AIR PO		(	
	POLLUTION	(	
C. OCCUPA	ATIONAL SAFETY AND HEALTH	(	)

1. COMPONENT					2. DATE
	FY 2019 MILITAR	Y CONSTRUCT	'ION PROJEC	T DATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCAT	CION		4. PROJECT TIT	LE	
Fargo North Dakota			National G	uard Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT 1	NUMBER	8. PROJECT COST	(\$000)
0505896A	17180	854 380	192 0116	Approp	32,000

U3U3096A	1/100			200110		Approp	32	2,000
		9. C	OST EST	IMATES				
ITEM		UM	(M/E)		QUANTI'	ΓY	UNIT COST	COST(\$000)
PRIMARY FACILITY								25,242
17180 Readiness Center	r ·	m2	(SF)	8,9	53 (	96,366)	2,077	(18,599)
44262 Unheated Encl/Sl	ned-TP Vhcl Strg	m2	(SF)	5,5	16 (	59,698)	993.51	(5,510)
81160 Backup/Emergency	y Generator	EΑ			1		150,000	(150)
85210 Organizational	Vehicle Parking (	m2	(SY)	2,8	56 (	3,416)	95.68	(273)
14113 Access Control 1	Building	m2	(SF)	51.	LO (	550)	4,198	(215)
Sustainability/	Energy Measures	LS						(495)
SUPPORTING FACILITIES								4,207
Electric Service		LS						(126)
Water, Sewer, Gas		LS						(212)
Paving, Walks, Curbs	And Gutters	LS						(2,356)
Storm Drainage		LS						(198)
Site Imp(757) Demo()		LS						(757)
Information Systems		LS						(105)
Antiterrorism Measures	5	LS						(290)
Other		LS						(163)
ESTIMATED CONTRACT CO	ST							29,449
CONTINGENCY (5.00%)								1,472
SUBTOTAL								30,921
SUPV, INSP & OVERHEAD	(3.49%)							1,079
TOTAL REQUEST								32,000
TOTAL FEDERAL REQUEST								32,000
TOTAL FEDERAL REQUEST	(ROUNDED)							32,000
INSTALLED EQT-OTHER A	PPROP							(2,645)

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility: Unheated Enclosed Vehicle Storage Facility, Backup/Emergency Generator, Military Vehicle Parking, Access Control Building and Organizational Vehicle Parking (Paved). Comprehensive interior design services are requested. 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. Comprehensive interior design services are requested. 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 Updated 2017. 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 157,804 SQFT. Disposal of 1 building at MEB Leased Readiness Center, ND (Total 1,672 m2/18,000 SF), 1 building at Minot Armed Forces Reserve Center, ND (Total 743 m2/8,000 SF), 1 building at Cando Readiness Center, ND (Total 1,412 m2/15,204 SF), 1 building at Cavalier Readiness Center, ND (Total 864 m2/9,295 SF), 23 buildings at Camp Grafton, ND (Total 1,535 m2/16,523 SF), 1 building at Edgeley Readiness Center, ND (Total

1. COMPONENT					2. DATE
	FY 2019 MILITA	RY CONSTRUCT	TION PROJE	ECT DATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATI	ON		4. PROJECT T	'ITLE	
Fargo North Dakota			National	Guard Readine	ss Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT C	OST (\$000)
		85	492		
0505896A	17180	38	0116	Approp	32,000

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

2,409 m2/25,930 SF), 2 buildings at Fargo Annex, ND (Total 1,175 m2/12,648 SF), 5 buildings at Garrison Trng Support Readiness Center, ND (Total 312 m2/3,360 SF), 1 building at Grafton Readiness Center, ND (Total 1,910 m2/20,563 SF), 1 building at Hazen Readiness Center, ND (Total 696 m2/7,489 SF), 3 buildings at Jamestown Field Maintenance Shop, ND (Total 143 m2/1,536 SF), 1 building at Mott Readiness Center, ND (Total 1,569 m2/16,892 SF), and 3 buildings at Valley City Training Site (Camp Davis), ND (Total 220 m2/2,364 SF). Air Conditioning (Estimated 1,090 kWr/310 Tons).

 $\frac{11. \text{ REQ:}}{\text{PROJECT:}} \quad 14,550 \text{ m2} \qquad \text{ADQT:} \qquad \text{NONE} \qquad \text{SUBSTD:} \qquad \text{NONE} \\ \hline \text{To construct a 156,614 SQFT National Guard Readiness Center that supports} \\ \hline \text{training, administrative, and logistical requirements for the NDARNG.} \qquad \text{This facility will} \\ \text{be built on State Land.} \quad \text{(Current Mission)}$ 

<u>REQUIREMENT:</u> This National Guard Readiness Center and Unheated Vehicle Storage Building is needed in order to meet current Army space requirements to house, support and train three Army National Guard units. This new facility will support:

-Headquarters and Headquarters Company, 141st Maneuver Enhancement Brigade which was activated on 01 September 2008.

-191st Military Police Company (Combat Support) which was activated on 01 September 2007.

-Company D, 1st Battalion, 112th Aviation Regiment (Security & Support) which was transferred to North Dakota on 1 February 2016.

CURRENT SITUATION: This project is critical to the state of North Dakota due to the current situation of not having a readiness center which can adequately support these newly assigned units due to Modular Force Transformation. Two leased facilities are required to accommodate the needs of these units. The readiness center function is being conducted in an 18,000 SQFT leased facility and the equipment storage function is being conducted in a separate 10,848 SQFT leased facility. The current cost of the leased facility is over \$161,100 per fiscal year.

The State of North Dakota has conducted a preliminary design on this project and is currently at 10 % Design.

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

Currently, the state of North Dakota has not begun the environmental assessment on this project.

There currently is no facility to complete the mission.

These leased facilities lack adequate storage and parking which forces the units to spend valuable training time driving to multiple locations to maintain and manage unit equipment. The existing buildings are not conducive to addition/alteration and are located in areas that will not permit expansion.

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Fargo North Dakota			National Guar	d Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	492		
0505896A	17180	38	0116	Approp	32,000

CURRENT SITUATION: (CONTINUED)

The leased facilities which are currently being used to perform the mission have been leased since 2007 and together have an operating cost of \$260,000 per year.

Site Site Cat FACNO ISR-I F Q C Local Code UID Code Year Rating Rating Rating Name 38394 169993 17180 00100 2016 C4 Leased Facility

The current leased facility is not accessable to disable indivdiuals.

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 (ATFP), lack adequate training areas, administrative space, supply room space, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

There are no hazardous material or POL storage areas available at these leased facilities. Due to space limitations, lockers for personal gear are located on the second floor. This creates a tripping hazard for Soldiers navigating stairs while carrying their field gear.

IMPACT IF NOT PROVIDED: If this project is not provied training and maintenance costs will continue to increase and readiness will decrease without this facility. The lack of required space: 1) will not allow the assigned units to conduct the training and exercises required to fully meet transformation requirements, 2) forces the unit to waste time and resources to attempt to meet operational readiness and training objectives to fully support ARFORGEN requirements and 3) does not support the additional requirements imposed by equipment modernization programs or meet facility modernization requirements.

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.

1. COMPONENT						2. DATE	
		FY 2019 MILITARY (	CONSTRUCT	CION PROJECT D	ATA		
ARNG						05 FEB	2018
3. INSTALLATION AN	ND LOCATION			4. PROJECT TITLE			
Fargo				N-+	a p	Q b	
North Dakota 5. program element	Г	6. CATEGORY CODE	7. PROJECT	National Guar	8. PROJECT COST		
			1	492		(4000)	
0505896A		17180		0116	Approp	32,000	
ADDITIONAL: (	CONTINUE	D)				· ·	
		ON: The Deputy Assis					
_		at this project has		_	_		
	operati	onal considerations,	and loca	ation are inco	ompatible wi	ith use l	by other
components.							
12. SUPPLEME	ENTAL DAT	A:					
A. Estir	mated Des	— sign Data:					
(1)	Status:	5					
(±)		ign Start Date				ОСТ	2016
	` '						
		cent Complete as of					65
		e 35% Designed					2017
		e Design Complete				DEC	2018
	(e) Par	ametric Cost Estimat	ing Used	to Develop Co	osts		NO
	(f) Typ	e of Design Contract	: Desig	n-bid-build			
	(g) An	energy study and lif	e cycle	cost analysis	will be		
	doc	umented during the f	final des	ign.			
(2)	Basis:						
	(a) Sta	ndard or Definitive	Design:	NO			
(3)	Total De	esign Cost (c) = (a) +	+(b) OR (	d) + (e) :		(\$0	00)
	(a) Pro	duction of Plans and	d Specifi	cations			1,745
	(b) All	Other Design Costs.					989
	(c) Tot	al Design Cost					2,734
	(d) Con	tract					2,734
	(e) In-	house					0
	(0)						
(4)	Construc	tion Contract Award.				MAR	2019
( - /	0011001 00						
(5)	Construc	tion Start				ת ע	2019
(5)	COMBUIUC	CIOI DUALU				APK	
(6)	Class t	thing Committee				147	0.001
(6)	construc	tion Completion		• • • • • • • • • • • • • • • • • • • •		MAR_	2021

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUC	TION PROJEC	T DATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION			4. PROJECT TIT	LE	
Fargo					
North Dakota			National G	uard Readines	ss Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT C	OST (\$000)
		85	492		
0505896A	17180	38	0116	Approp	32,000
12. SUPPLEMENTAL DAT	A (CONTINUED)				

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	2020	1,600
Kitchen Equipment (Type C)	OMNG	2020	50
ESS (171R)	OPA	2020	54
Info Sys - ISC	OPA	2020	629
Info Sys - PROP	OMNG	2020	312
		Total —	2,645

CFMO Phone Number: 701-333-2075

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1. COMPON	IENT		Ε	Y 2019 GUARD	AND RESERVE		2. DATE	
ARNG				MILITARY CO	NSTRUCTION		05 FEB	2018
Imaio							03 122	2010
3. INSTAL	LATION AND L	LOCATION					4. AREA CO	NSTRUCTION
Camp R	Ravenna			TNSNO=	39430		COST IN	IDEX
Ohio								1.03
5. FREQUE	NCY AND TYPE	OF UTILIZ	ZATION					
Suppor	t logistical	and opera	ational act	ivities for t	raining 280 day	/s/vear.		
	9					-, 1		
6. OTHER	ACTIVE/GUARD	/RESERVE 1	INSTALLATIO	NS WITHIN 15	MILE RADIUS			
ARNG						2 5002	(20 (44 0E)	1077
1	Youngstown					3,590 m2		
ARNG	Alliance,	OH	20.	00 miles Read	diness Center	1,550 m2	(16,689 SF)	1976
ARNG	Chagrin Fa	alls, OH	25.	00 miles Read	diness Center	1,244 m2	(13,392 SF)	1956
7. PROJEC	TS REQUESTED	IN THIS I	PROGRAM					
CATEGO	RY					COST	DESIGN	STATUS
CODI	E PROJECT T	TTLE			SCOPE	(\$000)	START	CMPL
			MA CHITAIR CHAI	DANGE				
17833	AUTOMATED M	ULII-PURPOSE	MACHINE GUN	RANGE 9 FP	(9 FP)	7,40	MAY 2017	SEP 2018
l	,			BOARD RECOMME				
FACILI	TIES IDENTIF	IED IN ITE	EM #6 HAVE	BEEN EXAMINED	BY THE STATE F	RESERVE FORCES	20 JU	N 2017
FACILI	TIES BOARD F	OR POSSIBI	LE JOINT US	E/EXPANSION.	THE BOARD RECOM	MENDATIONS ARE	([	ate)
11ΝΙΤΙ.ΔΤ	ERAL CONSTRU	ICTION						
OIVILLII	LIGHT CONDING	CIIOIV.						
9 T.AND A	ACQUISITION R	EOUTRED						
	100010111011	LLQ011LLD						0
None								0
							(Number of	acres)
IO. PROJE	ECTS PLANNED	IN NEXT. F.C	OUR YEARS					
CATEGO	RY							COST
CODE	PROJECT T	TITLE				SCOPE		(\$000)
NONE								
DEFERR	RED SUSTAINME	ENT, RESTOR	RATION, AND	MODERNIZATIO	N (SRM):	0		
A SITE	SURVEY HAS	BEEN COMPI	LETED AND T	HE SITE IS SU	ITABLE FOR CONS	STRUCTION OF THE	PROPOSED PR	OJECT AT
THE ES	STIMATED COST	: INDICATE	Ο.					
11. PERSO	NNEL STRENGT	TH AS OF 12	2 DEC 2017					
			PERMANEN'					
				TP.		GIIVDD /I	DECEDITE	
		TOTAL	OFFICER E	T		GUARD/F	RESERVE	
AUTHOR	RIZED	_	<u> </u>					STED
ACTUAL		9	2		<u>'ILIAN</u> 0			STED 33
11010111			2	NLISTED CIV	0	TOTAL OF	FICER ENLI	33
	ı	9		NLISTED CIV		TOTAL OF	FICER ENLI	
		9	2	NLISTED CIV	0	TOTAL OF	FICER ENLI	33
12. RESER	RVE UNIT DATA	9	2	NLISTED CIV	0	TOTAL OF	FICER ENLI	33
12. RESER		9	2	NLISTED CIV	0	TOTAL OF	FICER ENLI	33 59
	RVE UNIT DATA	9	2	NLISTED CIV 7 7	0	TOTAL OF 43 65	FICER ENLI  10  6  STREN	33 59 JGTH
		9	2	NLISTED CIV	0	TOTAL OF	FICER ENLI	33 59 JGTH
UNIT D	RVE UNIT DATA	9	2	NLISTED CIV 7 7	0	TOTAL OF 43 65	FICER ENLI  10  6  STREN	33 59  IGTH  ACTUAL
UNIT D	RVE UNIT DATA	9	2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65	FICER ENLI  10  6  STREM	33 59  IGTH  ACTUAL 65
UNIT D	RVE UNIT DATA	9	2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65	FICER ENLI  10  6  STREM  AUTHORIZED  43	33 59  IGTH  ACTUAL 65
UNIT D	RVE UNIT DATA	9	2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA	FICER ENLI  10  6  STREN  AUTHORIZED  43  43	33 59  IGTH  ACTUAL  65 65
UNIT D	RVE UNIT DATA	9	2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA	FICER ENLI  10  6  STREM  AUTHORIZED  43	33 59  IGTH  ACTUAL  65 65
UNIT D	RVE UNIT DATA DESIGNATION DATE DESIGNATION	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA	FICER ENLI  10  6  STREN  AUTHORIZED  43  43	33 59  IGTH  ACTUAL  65 65
UNIT D	RVE UNIT DATA	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA	FICER ENLI  10  6  STREN  AUTHORIZED  43  43	33 59  IGTH  ACTUAL  65 65
UNIT D	RVE UNIT DATA DESIGNATION DATE DESIGNATION	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA	FICER ENLI  10 6  STREN  AUTHORIZED  43 43  gned/Authori	33 59  IGTH  ACTUAL  65 65
UNIT D	EVE UNIT DATA  DESIGNATION  RAVENNA  REQUIPMENT A  TYPE	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	FICER ENLI  10 6  STREN  AUTHORIZED  43 43  gned/Authori	33 59  IGTH  ACTUAL  65 65  zed: 151%
UNIT D	EVE UNIT DATA DESIGNATION RAVENNA R EQUIPMENT A TYPE WHEELED	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREM AUTHORIZED 43 gned/Authori	33 59  IGTH  ACTUAL  65 65  zed: 151%  ACTUAL  50
UNIT D	EVE UNIT DATA  DESIGNATION  RAVENNA  REQUIPMENT A  TYPE	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREM AUTHORIZED 43 43 gned/Authori 2ED 50 25	33 59  IGTH  ACTUAL 65 65 zed: 151%  ACTUAL 50 25
UNIT D	EVE UNIT DATA DESIGNATION RAVENNA R EQUIPMENT A TYPE WHEELED	9	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREM AUTHORIZED 43 gned/Authori	33 59  IGTH  ACTUAL  65 65  zed: 151%  ACTUAL  50
UNIT D	RESIGNATION RAVENNA  REQUIPMENT A TYPE WHEELED TRAILERS TRACKED	9 A	2 2	NLISTED CIV 7 7 7	0 0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREM AUTHORIZED 43 43 gned/Authori 2ED 50 25	33 59  IGTH  ACTUAL 65 65 zed: 151%  ACTUAL 50 25
UNIT D	ESIGNATION PAVENNA  REQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT	9 AND AIRCRAF	2 2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREN   AUTHORIZED   43   43   43   50   25   2   7   7   6   6   6   6   6   6   6   6	33 59  IGTH  ACTUAL 65 65 2ed: 151%  ACTUAL 50 25 2
UNIT D	RESIGNATION RAVENNA  REQUIPMENT A TYPE WHEELED TRAILERS TRACKED	9 AND AIRCRAF	2 2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREM AUTHORIZED 43 gned/Authori 2ED 50 25	33 59  IGTH  ACTUAL 65 65 22  ACTUAL 50 25 2
UNIT D	ESIGNATION PAVENNA  REQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT	9 AND AIRCRAF	2 2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREN   AUTHORIZED   43   43   43   50   25   2   7   7   6   6   6   6   6   6   6   6	33 59  IGTH  ACTUAL 65 65 65  Zed: 151%  ACTUAL 50 25 2 7
UNIT D	DESIGNATION PAVENNA  REQUIPMENT A  TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL True	9 AND AIRCRAF	2 2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	STREM AUTHORIZED 43 43 43 gned/Authori  ZED 50 25 2 7 0	33 59  IGTH  ACTUAL 65 65  zed: 151%  ACTUAL 50 25 2 7 0
UNIT D	DESIGNATION RAVENNA  REQUIPMENT A  TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel Truck HET	9 AND AIRCRAF	2 2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	FICER ENLI  10 6  STREN  AUTHORIZED  43 43  43  gned/Authori  ZED  50  25  2  7  0  0	33 59  IGTH  ACTUAL  65 65  zed: 151%  ACTUAL  50 25 2 7 0 0
UNIT D	DESIGNATION RAVENNA  REQUIPMENT A  TYPE WHEELED TRAILERS TRACKED EQUIPMENT Fuel Truck HET	9 AND AIRCRAF	2 2	NLISTED CIV 7 7 7	0	TOTAL OF 43 65  MTOE/TDA NGW92FAA Assi	FICER ENLI  10 6  STREN  AUTHORIZED  43 43  43  gned/Authori  ZED  50  25  2  7  0  0	33 59  IGTH  ACTUAL  65 65  zed: 151%  ACTUAL  50 25 2 7 0 0

1.	COMPONENT	FY 2019 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		05 FEB 2018
3.	INSTALLATION AND I	LOCATION	4.	AREA CONSTRUCTION
	Camp Ravenna	INSNO= 39430		COST INDEX
	Ohio			1.03
14	. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)	)	
	A. AIR PO		, D	
			0	
			0	
	0. 000011		•	

1. COMPONENT						2. DA	2. DATE		
	FY 2019 MILIT	ARY	CONSTR	RUCTION PROJECT	DATA				
ARNG					05 FEB 2018				
3. INSTALLATION AND LOCATION			4. PROJECT TITLE						
Camp Ravenna Ohio		AUTOMATED MULTI-PURPOSE MACHINE GUN RANGE							
5. PROGRAM ELEMENT 6. CATEGORY CODE '			7. PROJECT NUMBER 8. PROJECT			CT COST (\$00	COST (\$000)		
0505896A	17833			85606 390285	Approp	7,400			
		9. (	COST EST	IMATES					
ITEM		UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)		
PRIMARY FACILITY							4,498		
17833 Med/Hvy Vehicle	Positions	FP		3		310,000	(930)		
17833 Med. Positions		FP		6		285,000	(1,710)		
17971 Range Control Tower		m2	(SF)	53.70 (	578)	4,831	(259)		
17122 Range Ops & Strg		m2	(SF)	74.32 (	800)	2,916	(217)		
17122 Ammo Brkdwn Bldg		m2	(SF)	22.30 (	240)	4,434	(99)		
Total from Continuation page(s)							(1,283)		
SUPPORTING FACILITIES							2,319		
Electric Service		LS					(551)		
Storm Drainage		LS					(171)		
Site Imp(955) Demo(7)		LS					(962)		
Information Systems		LS					(135)		
Antiterrorism Measures		LS					(105)		
Other		LS					(395)		

A Standard Design Automated Multi-Purpose Machine Gun 10. Description of Proposed Construction Range (MPMG) of permanent construction. Primary facilities include Stationary Armor Targets (SATs), Moving Infantry Targets (MITs), Stationary Infantry Targets (SITs), Wide Stationary Infantry Targets (WSITs), Range Tower, Bleacher Enclosure, Ammo Breakdown Bldg., Covered Mess Shelter, General Instruction Bldg., Ops and Storage Bldg., Latrine and the associated power and data connections to the Control Tower. 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 Updated 2017. Access for individuals with disabilities will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 4,713 SQFT. Disposal of 4 buildings (Total 438 m2/4,713 SF). Air Conditioning (Estimated 46 kWr/13 Tons).

11. REQ:9 FPADQT:NONESUBSTD:NONEPROJECT:The project has been validated by ARNG-TR and approved to construct a 9-LaneAutomated Multi-Purpose Machine Gun Range (MPMG) and 4,274 SQFT of Range Support

ESTIMATED CONTRACT COST

SUPV, INSP & OVERHEAD (3.38%)

TOTAL FEDERAL REQUEST (ROUNDED)

INSTALLED EQT-OTHER APPROP

CONTINGENCY (5.00%)

TOTAL FEDERAL REQUEST

SUBTOTAL

TOTAL REQUEST

6,817

7,158

7,400

7,400

7,400

(1,017)

341

242

1. COMPONENT							2. DATE	2	
	FY 2019 MILITA	RY (	CONSTRUC	TION PRO	JECT I	DATA			
ARNG						05 I	FEB 2018		
3. INSTALLATION AND LOCATION				4. PROJECT TITLE					
Camp Ravenna Ohio				AUTOMATED MULTI-PURPOSE MACHINE GUN RANGE					
. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO			7. PROJECT	NUMBER		8. PROJECT COST (\$000)			
0505896A	17833			6606 90285		Approp 7,400			
9. COST ESTIMATES (COI	NTINUED)	UM	(M/E)	QUA	NTITY		UNIT COST	COST (\$000)	
PRIMARY FACILITY (CON'	TINUED)								
73075 Latrines		m2	(SF)	30.66	(	330)	4,125	(126)	
75061 Bleacher Enclosure		m2	(SF)	67.45	(	726)	1,991	(134)	
17123 Range Classroom Buildng		m2	(SF)	74.32	(	800)	2,859	(213)	
17139 Mess Shelter		m2	(SF)	74.32	(	800)	1,718	(128)	
17833 Stationary Inf. Target Emplaceme F				57			3,000	(171)	
17833 Wide Stationary Inf. T Emplaceme E.		EA		18			6,000	(108)	
17833 Moving Inf. T. Emplacement EA		EΑ		18			10,000	(180)	
		EΑ		15			8,000	(120)	
17833 Iron Maiden Emplacement EA		EΑ		15			1,000	(15)	
Sustainability/Energy Measures L		LS						(88)	
							Total —	1,283	

## PROJECT: (CONTINUED)

Buildings to train and test crews on the skills necessary to detect, identify, engage, and defeat stationary infantry targets in a tactical array. (Current Mission) This project is required to support individual and team weapons REQUIREMENT: familiarization and qualification requirements. The range will be used to train and test Soldiers on the skills necessary to zero, detect, identify, engage, and defeat stationary and moving infantry targets along with stationary armor targets in a tactical array; to satisfy the training and qualification requirements as outlined in TC 25-8. This range is supported by the Army Range Requirements Model (ARRM), and has received the training validation letter from ARNG-TRS. This range will be constructed on Federal land. CURRENT SITUATION: This project is critical to the state of Ohio due to the current situation of that there is not a full Automated Multi-Purpose Machine Gun Range (MPMG) within the OHARNG. Soldiers who are assigned an automated weapon system as their individual and or crew weapon must qualify on a non-standard alternate type "C" (paper targets) course of fire on non-automated Machine Gun Range. For Soldiers to receive the realism in training required to meet combat training objectives the Soldier must travel a distance grater then 6 hours to next DOD facility that has a Machine Gun Range.

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

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

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

There currently is no facility to complete the mission.

Currently we only have two lanes at Camp Perry which requires long hours to qualify the amount of Soldiers in a weekend safely. Also, because the impact area is Lake Erie, when it freezes the range is not safe to operate due to the people on the lake. Currently we do not have a range at Camp Ravenna that supports the capability of the MPMG range. This

1. COMPONENT					2. DATE		
	FY 2019 MILITARY CONSTRUCTION PROJECT DATA						
ARNG		05 FEB 2018					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
Camp Ravenna AUTOMATED MUI RANGE					TI-PURPOSE MACHINE GUN		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	7. PROJECT NUMBER 8.		8. PROJECT COST (\$000)		
		85	85606				
0505896A	17833	3.9	0285	Approp	7,400		

CURRENT SITUATION: (CONTINUED)

range will allow us to safely conduct range fire for these weapon systems.

Currently we have to bus all Soldiers to Camp Perry or other installations to complete the CSW qualifications. This currently costs the state and government \$5K per bus and we have 87 companies that need to qualify. Due to the distance for most units to Camp Perry and the other installations that we can fire at, this also costs on average 8 hours round trip to travel to the ranges.

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

Only waiver requiremnts is for STRAC qualification standards by firing on an alt C range.

Current MPMG is only two lanes out of the nine required. Also, the ROCA facilities are none existant at Camp Perry. The current location where the MPMG will be built at Camp Ravenna does not have ROCA facilities available also.

IMPACT IF NOT PROVIDED: The overall readiness is currently degraded for Ohio Army National Guard due to inadequate training resources, in order for Soldiers to be properly trained and be tested on an a Automated Multi-Purpose Machine Gun Range (MPMG). Currently the OHARNG units have to travel to Camp Atterbury, IN (366 miles) or Camp Grayling, MI (397 miles) to conduct the individual or crew training requirements of the M249 squad automatic weapon (SAW), M60 MG, M240B MG weapon systems. These alternative locations result in increased fuel consumption, military vehicle maintenance, meals and lodging costs. The time and effort spent traveling to these alternative locations increases the chances of an Army accident and results in a loss of valuable individual training time normally reserved for other Warrior Tasks.

<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.

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.

. COMPONENT						2. DATE			
. COMPONENT		EV 2010 MILTUADY	CONCUDITO	PTON DDOTECT F	א תייא	Z. DAIE			
FY 2019 MILITARY CONSTRUCTION PROJECT DATA ARNG						05 FEB 2018			
. INSTALLATION AN									
Camp Ravenna Dhio				AUTOMATED MUL RANGE	TI-PURPOSE	MACHINE GUN			
. PROGRAM ELEMENT	1	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)			
			1	606					
0505896A ADDITIONAL: (	CONTINUE	17833	39	0285	Approp	7,400			
•		ON: The Deputy Assis	stant Sec	retary of the	Army (Insta	allations and			
		at this project has							
-		lable for use by oth			_				
			_						
2. SUPPLEME		<del></del>							
A. Estin	nated Des	sign Data:							
(1)	Status:								
	(a) Des	sign Start Date				MAY 2017			
	(b) Per	rcent Complete as of	January	2018		35			
	(c) Dat	te 35% Designed				JAN 2018			
	(d) Date Design Complete SEP 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								
	doc	cumented during the	final des	sign.					
(2)	Basis:								
	(a) Standard or Definitive Design: YES								
	(b) Where Design Was Most Recently Used:								
(3)	Total De	esign Cost (c) = (a)	+(b) OR (	d)+(e):		(\$000)			
	(a) Pro	oduction of Plans and	d Specifi	cations		407			
	(b) All	l Other Design Costs				230			
	(c) Tot	tal Design Cost				637			
	(d) Cor		637						
	(e) In-	-house				0			
(4)	Construc	ction Contract Award				MAR 2019			
(5) Construction Start						MAY 2019			
(6)	(6) Construction Completion								

1. COMPONENT					2. DATE
	FY 2019 MILITA	RY CONSTRUC	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
Camp Ravenna AUTOMATED MULTI-PURPOSE MACHINE GUN RANGE					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Γ (\$000)
		85	606		
0505896A	17833	39	0285	Approp	7,400

12. SUPPLEMENTAL DATA (CONTINUED..)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Target Boots	OPA	2020	9
F F & E	OMNG	2020	202
Widened Stationary Inf. Target	OMNG	2020	126
Moving Inf. Target	OMNG	2020	270
Stationary Armor Target	OMNG	2020	150
Stationary Inf. Target	OMNG	2020	200
Iron Maiden	OMNG	2020	23
Info Sys - ISC	OPA	2020	22
Info Sys - PROP	OMNG	2020	15
		Total —	1,017

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1.	COMPONENT		FY 2019 GUARI			2. DATE	
	ARNG		MILITARY CO	ONSTRUCTION		05 FEB 20	18
3.	INSTALLATION AND I	OCATION				4. AREA CONS	TRUCTION
	Rapid City		INSNO	= 46B70		COST INDE	X
	South Dakota					1.	00
5.	FREQUENCY AND TYPE	OF UTILIZATION				•	
	Administration 5 d	lays/week, with 2-	day training as	sembly 2-3 tim	es/month.		
_		/					
6.	OTHER ACTIVE/GUARI						
	ARNG Rapid City				y 6,267 m2		2001
		, SD			398,454 m2 (		1938
	ARNG Rapid City	, SD	11.00 miles Mai	intenance Faci.	lity 2,624 m2	(28,240 SF)	1995
7.	PROJECTS REQUESTED	IN THIS PROGRAM					
	CATEGORY				COST	DESIGN ST	ATUS
	CODE PROJECT	TITLE		SCOPE	(\$000)	START	CMPL
	17180 NATIONAL	GUARD READINESS CENTE	SR 5,455 m2	(58,714 SF)	15,000	MAY 2016 DE	 EC 2018
8.	STATE GUARD/RESERV						
	FACILITIES IDENTIF					27 APR	
	FACILITIES BOARD F		USE/EXPANSION.	THE BOARD REC	OMMENDATIONS ARE	(Date	e)
	UNILATERAL CONSTRU	CTION.					
9.	LAND ACQUISITION F	REQUIRED					
	None						0
						(Number of a	cres)
10	. PROJECTS PLANNED	IN NEXT FOUR YEAR	.S				
	CATEGORY						COST
	CODE PROJECT :	<u> </u>			SCOPE		(\$000)
	NONE						
	DEFERRED SUSTAINME	NT, RESTORATION,	AND MODERNIZATI	ON (SRM):	26,931		
		,			.,		
	A SITE SURVEY HAS	BEEN COMPLETED AN	D THE SITE IS S	UITABLE FOR CO	NSTRUCTION OF THE	PROPOSED PROJ	ECT AT
	THE ESTIMATED COST	'INDICATED.					
11	. PERSONNEL STRENGT	TH AS OF 12 DEC 20	17				
		PERMA	NENT		GUARD/R	ESERVE	
		TOTAL OFFICER	ENLISTED CI	VILIAN	TOTAL OF	FICER ENLIST	ED
	AUTHORIZED	22 7	15	0	153	34 1:	<del></del> 19
	ACTUAL	20 5	15	0	162	37 12	25
12	. RESERVE UNIT DATA	1					
						STRENGT	H
	UNIT DESIGNATION		UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL
	SD OP SPT AIRLIFT	DET 48 (STA ARND	W7Y448	46591	NGW7Y4AA	2	2
	CO B DET 1 (BN AVI		WPF1B1	03735	63475KNG03	27	28
	CO B DET 1 (BN AVI		WQRQB1	03734	01655ENG21	23	27
	DET 5 CO C 2 BN 64			55,51	01605KNG02	4	4
	CO C (BN GEN SPT A		WYQSC0		01435KNG01	66	69
				03724		19	
	CO D DET 2 (BN GEN		WYQSD2	03734	01435KNG01		21
	CO E DET 2 (BN GEN		WYQSE2	03734	01435KNG01	10	9
	DET 2 HHC (BN GEN	SPT AVN BN (EC)	WYQST2	03734	01435KNG01	2	2
						153	162
					Assi	153 gned/Authorize	

COMPONENT	FY 2019 GUARD AND RESER	VE 2	2. DATE
ARNG	MILITARY CONSTRUCTION		05 FEB 2018
INSTALLATION AND LOCAT	TON		1. AREA CONSTRUCTION
Rapid City	INSNO= 46B70		COST INDEX
South Dakota	INSNO- 40070		1.00
			1.00
. MAJOR EQUIPMENT AND A	IRCRAFT		
TYPE		AUTHORIZED	
WHEELED		12	
TRAILERS		20	
TRACKED		0	(
EQUIPMENT > 3	0 FT	0	(
Fuel Truck		4	•
HET		0	
TOTALS		36	3
OUTGOTANDING DOLLUTTON	AND GARDEN DEFICIENCIES		
. OUTSTANDING POLLUTION	AND SAFETY DEFICIENCIES	(+)	
		(\$000)	
A. AIR POLLUT		0	
B. WATER POLI		0	
C. OCCUPATION	AL SAFETY AND HEALTH	0	

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUC	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATI	ION		4. PROJECT TITLE		
Rapid City South Dakota			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	523		
0505896A	17180	46	0115	Approp	15,000

	9. COST ESTIMATES									
ITEM	UM	(M/E)	QUANTITY	UNIT COST	COST(\$000)					
PRIMARY FACILITY					14,390					
17180 Readiness Center	m2	(SF)	5,441 ( 58,564)	2,400	(13,060)					
81160 Backup/Emergency Generator	EA		1	150,000	(150)					
85210 Organizational Vehicle Parking (	m2	(SY)	2,613 ( 3,125)	138.73	(363)					
14113 Access Control Building	m2	(SF)	13.94 ( 150)	2,529	(35)					
82187 Heating Plant, Geothermal	EA		1	500,000	(500)					
Sustainability/Energy Measures	LS				(282)					
SUPPORTING FACILITIES					4,024					
Electric Service	LS				(122)					
Water, Sewer, Gas	LS				(342)					
Paving, Walks, Curbs And Gutters	LS				(2,100)					
Storm Drainage	LS				(254)					
Site Imp(288) Demo()	LS				(288)					
Information Systems	LS				(50)					
Antiterrorism Measures	LS				(499)					
Other	LS				(369)					
ESTIMATED CONTRACT COST					18,414					
CONTINGENCY (5.00%)					921					
SUBTOTAL					19,335					
SUPV, INSP & OVERHEAD (3.44%)					665					
TOTAL REQUEST					20,000					
State Share					5,000					
TOTAL FEDERAL REQUEST					15,000					
TOTAL FEDERAL REQUEST (ROUNDED)					15,000					
INSTALLED EQT-OTHER APPROP					(1,388)					

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility: Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Access Control Building and Heating Plant, Geothermal. Comprehensive interior design services are requested. 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, storm water detention cell, 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 Updated 2017. 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 65,055 SQFT. Disposal of 1 building at Miller Readiness Center, SD (Total 1,378 m2/14,837 SF), 1 building at Platte Readiness Center, SD (Total 1,126 m2/12,117 SF), 1 building at Salem Readiness Center, SD (Total 1,189 m2/12,797 SF), and 1 building at Webster Readiness Center, SD (Total 2,351 m2/25,304 SF). Air Conditioning (Estimated 665 kWr/189 Tons).

1. COMPONENT					2. DATE
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					05 FEB 2018
3. INSTALLATION AND LOCATI	ON		4. PROJECT TITLE		
Rapid City South Dakota			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	523		
0505896A	17180	46	0115	Approp	15,000
11. REO: 5.455 m	ADOT:	NO	NE SUE	STD:	NONE

PROJECT: To construct a 58,714 SF National Guard Readiness Center supporting training, administrative, and logistical requirements for the SDARNG. This facility will be built on State land. (Current Mission)

This facility is designed to meet the requirements of eight Aviation units currently occupying a small portion (10,600 sq ft) of the AASF and a small portion (2,775 sq ft) of an aircraft maintenance hangar along with cold storage (7,900 sq ft) in a repurposed motor vehicle storage building. Those units include: (WYQSC0) C(-) Company, 1st Battalion of the 189th Aviation Regiment (Current Mission); (WYQST2) Headquarters and Headquarters Company, Detachment 2, 1st Battalion of the 189th Aviation Regiment (Current Mission); (WYQSD2) Detachment 2, D Company, 1st Batta; on of the 189th Aviation Regiment (Current Mission); (WYQSE2) Detachment 2, E Company, 1st Battalion of the 189th Aviation Regiment (Current Mission); (W7Y448) Detachment 48, Operational Support Airlift Command (Current Mission); (WPF1B1) Detachment 1, B Company, 935th Support Battalion (Current Mission); (WQRQB1) Detachment 1, B Company, 1st of the 112th Aviation Battalion (Current Mission); and, (WY48C5) Detachment 5, C Company, 2nd Battalion of the 641st Aviation Regiment (Current Mission). The Readiness Center will provide the necessary administrative, training and storage areas required to achieve proficiency in required training tasks. This project provides a home for the aviation units that have been temporarily housed in portions of the Army Aviation Support Facility (AASF). This project will not only address the shortfall of Readiness Center space for the Aviation units, but will also return space to the AASF addressing shortfalls of space for that facility as well.

CURRENT SITUATION: This project is critical to the state of South Dakota due to the current situation of eight Aviation units currently occupying a small portion (10,600 sq ft) of the AASF and a small portion (2,775 sq ft) of an aircraft maintenance hangar along with cold storage (7,900 sq ft) in a re-purposed motor vehicle storage building. The units are occupying less than 33 percent of the authorized space, most of which is borrowed from the AASF.

The State of South Dakota has conducted a preliminary design on this project and is currently at 30 % Design.

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

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

The facility where the current operations are being conducted was constructed in 1980.

The potential for a major or catastrophic accident in the existing Armory space in Building 00003 is unlikely however, possible due to structural deficiencies currently evidenced by masonry cracking and wall separations currently being experienced. The potential for a minimal or minor accident is possible or probable based on the use of substantially undersized facilities or facilities being used for purposes other than originally planned or designed (e.g. janitor closet with mop sink used as an office, hallways with lockers opening into walk ways, armory space abutting the flight line in repurposed hangar space, increased stack heights in storage areas resulting from

1. COMPONENT					2. DATE	
	FY 2019 MILITARY	CONSTRUCT	TION PROJECT D	ATA		
ARNG					05 FEB	2018
3. INSTALLATION AND LOCATION	1		4. PROJECT TITLE			
Rapid City South Dakota			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
			523			
0505896A	17180	46	0115	Approp	15,000	

CURRENT SITUATION: (CONTINUED)

undersized storage areas, etc.) This would give the facility a moderate assessment.

The Armory portion of the building is not fully covered with a fire sprinkler system, although upgrades to the fire alarm system have recently been installed. Building 00003 has experienced significant structural movement resulting in cracked masonry walls, wall separations and other signs of structural distress. During summer months, plant material can be seen growing up through the cracks on the inside of the building. A project has been initiated to address sign drainage issues and move subsurface moisture away from the building foundation; however, signs of structural stress are continuing to appear with new cracks appearing as recently as December 2016.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
46B70	6934	17180	00002	2016	F3	Q4	C4	Hangar #1
46B70	6934	17180	00003	2016	F4	Q4	C4	AASF/Aviation Armory

Building is not ADA compliant. Building does not meet code requirements for area seismic activity. Building does not meet current fire code.

The existing facilities do not provide the space authorized pursuant to the criteria identified in NG Pam 415-12. The units train with inadequate class rooms, training areas, administrative space, supply room space, arms vaults, toilets/showers, locker room space, privately owned vehicle parking and unheated storage sapce. The lack of space impacts the mission readiness of the units. The current facilities do not meet Americans with Disabilities Act (ADA) requirements. The buildings do not meet current Fire Codes.

Adequate training areas are not provided for the Aviation Units. Additionally, the Readiness Center is "borrowing" space from the Army Aviation Support Facility resulting in short falls of space for that facility as well.

IMPACT IF NOT PROVIDED: If this project is not provided for these eight units, operational capabilities will deteriorate further and hamper emergency response to fires, floods, blizzards, and medical support throughout the state. Delays in the funding of this project will force the continued use of inadequate and undersized facilities negatively impacting troop readiness, Soldier morale and the SDARNG's ability to recruit high quality personnel.

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

1. COMPONENT					2. DATE
2 7220		FY 2019 MILITARY	CONSTRUCTION PROJECT I	DATA	
ARNG 3. INSTALLATION A	ND IOCATION		4. PROJECT TITLE		05 FEB 2018
	IND LOCATION		4. PROJECT TITLE		
Rapid City South Dakota			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMEN	T	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	
			85523		
0505896A		17180	460115	Approp	15,000
ADDITIONAL:	<u> </u>				
			4-010-01 (Department of		
			re needed. These requi	rements are	included in the
description	oi consti	ruction and cost esti	mate.		
during proje requirement.	ct develo	opment. This project	meeting this required is the only feasible of	option to me	eet the
Housing) cer	tifies th		stant Secretary of the been considered for joiner components.	_	
	ENTAL DAT	<u>FA:</u> sign Data:			
		sign Data:			
(1)	Status:				
		-			MAY 2016
			January 2018		65
		_			DEC 2016
					DEC 2018
			ting Used to Develop C	osts	NO
		pe of Design Contract	<del>-</del>		
	(g) An	energy study and lin	fe cycle cost analysis	will be	
	do	cumented during the	final design.		
(2)	Basis:				
	(a) St	andard or Definitive	Design: NO		
(2)	matal D	asima Cast (s) (a)	· /b\ OD /d\ · /a\		(6000)
(3)		esign Cost (c) = (a)			(\$000)
			d Specifications		1,111
		_			630
					1,741
					1,741
	(e) In	-house			
(4)	Constru	ction Contract Award			MAR 2019

COMPONENT				2. DATE			
COMPONENT	EV 2010 MILLER	RY CONSTRUCTION PRO		Z. DATE			
ARNG	FY 2019 MILITA	RY CONSTRUCTION PRO	JUECI DAIA	05 FEB 2018			
INSTALLATION AND LOCATI	ON	4. PROJECT TITLE					
	OIV	4. FROUEC	1 1111111				
pid City		NIA TIT (NI	AT CHIND DENDINE	C CENTED			
uth Dakota  PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	AL GUARD READINES:    8. PROJECT COS				
PROGRAM ELEMENI	6. CATEGORY CODE		8. PROJECT COS	51 (\$000)			
050067	1.71.00	85523		15 000			
05896A	17180	460115	Approp	15,000			
. SUPPLEMENTAL D	<u> </u>						
A. Estimated I	Design Data: (CONTIN	NUED)					
(5) Constr	ruction Start			APR 2019			
(6) Consta	ruction Completion			APR 2021			
(0) COLIDE	decion completion.			——————————————————————————————————————			
B. Equipment a	associated with this	s project which wil	l be provided fro	om			
other appropriat	cions:		-				
			Fiscal Year				
Equipment		Procuring	Appropriated	Cost			
Nomenclature		Appropriation	Or Requested	(\$000)			
FF&E		OMNG	2020	750			
Kitchen Equipmer	nt (Type C)	OMNG	2020	50			
ESS (171R)	, 11	OPA	2020	54			
Info Sys - ISC		OPA	2020	124			
Info Sys - PROP		OMNG	2020	409			
11110 070 11101		01210	2020	100			
			Total	1,388			
			10041	1,300			

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1. COMPONENT						2. DA	ATE
	FY 2019 MILITA	RY CO	NSTRUCTIO	ON PROJECT I	DATA		
ARNG						0.5	FEB 2018
3. INSTALLATION AND LOG	CATION		4.	PROJECT TITLE			122 2010
Minor Construction Worldwide Various			III	specified M	Tinor C	onat ruat i	on
5. PROGRAM ELEMENT	6. CATEGORY CODE	7	PROJECT NUN			CT COST (\$00	
J. INCORAN EDENENI	o. CAILGORI CODE	/ .			O. TROOL	CI CODI (ÇOC	, , ,
	00000		8677			1.0	100
	00000		9900	22	Approp	18	,100
		9. COS	ST ESTIMATES				
1.0000 U.S. DOLL		UM (I	M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY							18,100
00000 Unspecifie	d Minor Construction	LS					(18,100)
CHDDODTING EACH	ITTEC	+					
SUPPORTING FACIL	IIIES						
ESTIMATED CONTRA	CT COCT	+					18,100
							18,100
CONTINGENCY (0.0	0%)						0
SUBTOTAL							18,100
SUPV, INSP & OVE	RHEAD (0.00%)						0
TOTAL REQUEST							18,100
TOTAL FEDERAL RE	QUEST						18,100
INSTALLED EQT-OT	HER APPROP						(0)
10. Description of Prop	posed Construction Unspec	rified	d Minor M	ilitary Con	structi	on (UMMC	) projects
1	ding cost of \$3,000,00	00 or	less, in	cludina con	structi	on, alte	ration, or
	rmanent or temporary f						
	limit can be \$4,000,00						
	is life, health, or sa				naea sc	rery co .	correct a
deliciency chac	is ille, hearth, or sa	irecy	ciiieateii	1119.			
11. REQ:	NONE ADQT:		NONE	SIT	BSTD:		NONE
	nspecified Minor Milit	. 2 2017 (				· a	NONE
I	_	_					<b>.</b>
	his line item is neede		_	_			_
1	MC) Program projects f					_	
1	e to be included in th	nis Mi	litary C	onstruction	, Army	Ntional (	Guard
Program.							
CURRENT SITUATION	N: These unforeseen	proje	ects addr	ess high pr	ioritie	s such a	s critical
mission requireme	 ents, environmental pr	otect	cion, and	life, heal	th, or	safety t	hreatening
conditions. These	e projects cannot wait	unti	l the ne	xt budget			
submission.							
12. SUPPLEMENTA	L DATA:						
l							
1	ed Design Data:						
(1) Sta	itus:						
(a)	Design Start Date						
1	~						

I. COMPONENT						2. DATE			
		FY 2019 MILITARY	CONSTRUC'	TION PROJECT	DATA				
ARNG						05 FEB 2018			
3. INSTALLATION AN	ND LOCA	ATION		4. PROJECT TITLE					
Minor Constru					ar' a				
Worldwide Var		6. CATEGORY CODE	7. PROJECT	Unspecified I	Vinor Constr 8. PROJECT COS				
5. TROOTER EDEFIDIO	-	o. childoki cobi			o. Thoseer cos	1 (9000)			
		00000	<b>I</b>	775 0022	Approp	18,100			
12. SUPPLEME	ENTAL	DATA (CONTINUED)			EE 'E				
A. Esti	mated	d Design Data: (CONTINU	ED)						
	(b)	Percent Complete as o	f January	2018		0			
	(c)	Date 35% Designed							
	(d)	Date Design Complete.							
	(e)		Parametric Cost Estimating Used to Develop Costs						
	(f)	Type of Design Contra		-					
		11 3							
(2)	Basi	s:							
, ,	(a)	Standard or Definitiv	re Design:	NO					
	( 32 )		0 20219111	2.0					
(3)	Tota	al Design Cost (c) = (a	)+(b) OR (	(d) + (e) ·		(\$000)			
(3)	(a)	Production of Plans a				0			
	(b)	All Other Design Cost	_						
	(C)	Total Design Cost							
	(d)	Contract							
	. ,								
	(e)	In-house							
(4)	Q		. <b>.</b> .						
(4)	Cons	struction Contract Awar	α	• • • • • • • • • • • •					
(=)	~								
(5)	Cons	struction Start							
(5)	~								
(6)	Cons	struction Completion							
B. Equi	pment	associated with this	project wh	nich will be p	provided fro	m			
other app	ropri	lations:			_				
Equipment			Procuring		scal Year propriated	Cost			
Nomenclati	ure		Appropria		Requested	(\$000)			
·			NONE						
			210211	_					

1. COMPONENT								2.	. DATE	Ε
	F	TY 2019 MILITA	RY	CONSTR	RUCTION	PROJECT 1	ATAC			
ARNG									05 I	FEB 2018
3. INSTALLATION AND LC	CATION				4. PRO	DJECT TITLE				
Planning and Des Worldwide Variou	sign ıs				Plan	ning and	Design			
5. PROGRAM ELEMENT	6. C	ATEGORY CODE		7. PROJ	ECT NUMBER	2	8. PROJE	CT COST	(\$000)	)
					86776					
		00000			990033		Approp		16,	622
			9.	COST EST	IMATES				—	
1.0000 U.S. DOLL		ITEM	UM	(M/E)		QUANTITY		UNIT CO	ST	COST(\$000)
PRIMARY FACILITY	-									16,622
00000 Planning a	ınd Desigı	n	LS							(16,622)
GIIDDODEING EAGII	TETTE								+	
SUPPORTING FACIL	ITTES								-	
									-	
			1							
			1							
									-	
									ł	
ESTIMATED CONTRA	CT COST								+	16,622
CONTINGENCY (0.0										0
SUBTOTAL	,								-	16,622
SUPV, INSP & OVE	RHEAD (0	.00%)							t	0
TOTAL REQUEST	•	,							-	16,622
TOTAL FEDERAL RE	QUEST								1	16,622
INSTALLED EQT-OT		OP								(0)
10. Description of Pro			tem	prov	ides for	: parame	tric, c	oncept	, ar	nd final
design of major	and unspe									
development of s	tandards	and criteria	for	ARNG	facilit	cies				
11. REQ:	NONE	ADQT:			NONE	SU	BSTD:			NONE
I	_	design funds.								
		ds are require		_		_	_			
regular Army Nat		_					_			
Included within		-		_			_	_		
development of d	_				_					_
This account is		_				_				
budget in that i			_		_				_	-
single construct							_			
and administrati						_		_		
final correction		_				_	-			
program; for adv										
design of projec										
requirement incl regulations.	uues spec	cially designs	ba	seu Ol	ı Army I	vacional	Guara C	ııcerı	a ar	id Army
regurations.										
l										

1. COMPONE	ENT							2. DATE				
			FY 2019 MILITARY CONSTRUCTION PROJECT DATA									
	RNG							05 FEB 2018				
3. INSTALI					4	. PROJECT TITLE						
Plannin Worldwi					_	lanning and	Design					
5. PROGRAM				6. CATEGORY CODE	7. PROJECT N		8. PROJECT COS	GT (\$000)				
					867	76						
				00000	990		Approp	16,622				
	IPPLEM:			<u> </u>								
Α.				sign Data:				05 FEB 2018  ST (\$000)  16,622   (\$000)  0  0  0  0				
	(1)		tus:									
		(a)		sign Start Date					_			
		(b)		ccent Complete as of	0	) —						
		(c)		te 35% Designed					_			
		(d)		te Design Complete					_			
		(e)		rametric Cost Estima	_	to Develop	Costs	NO	) —			
		(f)	Тур	oe of Design Contrac	ct:							
	(-)											
	(2)		is:									
		(a)	Sta	andard or Definitive	e Design:	NO						
	(-)				(1)			( + )				
	(3)			esign Cost (c) = (a)								
		(a)		oduction of Plans an					_			
		(b)		Other Design Costs					_			
		(c)		tal Design Cost					_			
		(d)		ntract					_			
		(e)	ın-	-house					) —			
	(4)	0			1							
	(4)	COL	istruc	ction Contract Award	1		• • • • • •		_			
	(E)	Cor	at ruc	ction Start								
	(3)	COL	isciuc	ction Start	• • • • • • • • • •				_			
	(6)	Cor	at ruc	ction Completion								
	(0)	COL	isciuc	ction completion					-			
B. othe	. Equi er app	pmer	it ass	sociated with this p	roject whi	ch will be	provided fro	m				
OCIIC	or app	торі	Iacic	, , , , , , , , , , , , , , , , , , , ,		Fi	scal Year					
	ipment				Procuring		propriated					
Nome	enclat	ure			Appropriat	ion Or	Requested	(\$000)	-			
					NONE							