DEPARTMENT OF THE ARMY ARMY NATIONAL GUARD

FISCAL YEAR (FY) 2021

Budget Estimates

MILITARY CONSTRUCTION





JUSTIFICATION DATA SUBMITTED TO CONGRESS FEBRUARY 2020



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	WORLDWIDE VARIOUS	125

The estimated cost of this report for the Department of Defense is approximately \$6,860.88 for fiscal year 2020. This includes \$469.79 in expenses and \$6,391.09 in DoD labor.

PAGE NUMBER

STATE		CITY/INSTALLATION			NEW/	
	PROJECT			APPROPRIATION		
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
Arizona		Tucson				
	040037	NATIONAL GUARD READINESS CENTER	18,100	18,100	C	1
		Subtotal Tucson	\$ 18,100	18,100		
		+ moment wave non-1	10 100	10 100		
		* TOTAL MCNG FOR Arizona	\$ 18,100	18,100		
Colorad	0	Peterson AFB				
	080295	National Guard Readiness Center	15,000	15,000	C	9
		Subtotal Peterson AFB	\$ 15,000	15,000		
		* TOTAL MCNG FOR Colorado	\$ 15,000	15,000		
Indiana		Shelbyville				
	180202	NATIONAL GUARD READINESS CENTER ADD/ALT	12,000	12,000	С	15
		Subtotal Shelbyville	\$ 12,000	12,000		
		* TOTAL MCNG FOR Indiana	\$ 12,000	12,000		
Kentuck	У	Frankfort				
	210054	NATIONAL GUARD/RESERVE CENTER BUILDING	15,000	15,000	С	23
		Subtotal Frankfort	\$ 15,000	15,000		
		* TOTAL MCNG FOR Kentucky	\$ 15,000	15,000		
Mississ	iggi	Brandon				
	280381	NATIONAL GUARD VEHICLE MAINTENANCE SHOP	10,400	10,400	С	29
		Subtotal Brandon	\$ 10,400	10,400		
		* TOTAL MCNG FOR Mississippi	\$ 10,400	10,400		

STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	REQUEST	APPROPRIATION REQUEST	MISSION	PAGE
Nebrask	a 310140	North Platte NATIONAL GUARD VEHICLE MAINTENANCE SHOP	9,300	9,300	С	35
		Subtotal North Platte	\$ 9,300	9,300		
		* TOTAL MCNG FOR Nebraska	\$ 9,300	9,300		
New Jer	sey 340132	Joint Base McGuire-Dix-Lakehurst NATIONAL GUARD READINESS CENTER	15,000	15,000	С	43
		Subtotal Joint Base McGuire-Dix-Lakehurst	\$ 15,000	15,000		
		* TOTAL MCNG FOR New Jersey	\$ 15,000	15,000		
Ohio	390160	Columbus NATIONAL GUARD READINESS CENTER	15,000	15,000	С	51
		Subtotal Columbus	\$ 15,000	15,000		
		* TOTAL MCNG FOR Ohio	\$ 15,000	15,000		
Oregon	411508	Hermiston ENLISTED BARRACKS, TRANSIENT TRAINING	9,300	9,300	С	57
		Subtotal Hermiston	\$ 9,300	9,300		
		* TOTAL MCNG FOR Oregon	\$ 9,300	9,300		
South C	arolina 450109	Joint Base Charleston NATIONAL GUARD READINESS CENTER	15,000	15,000	С	63
		Subtotal Joint Base Charleston	\$ 15,000	15,000		
		* TOTAL MCNG FOR South Carolina	\$ 15,000	15,000		

STATE		CITY/INSTALLATION			I	NEW/	
	PROJECT NUMBER	PROJECT TITLE	AUTHO	ORIZATION REQUEST	APPROPRIATION (PAGE
Tenness	ee	McMinnville					
	470030	NATIONAL GUARD READINESS CENTER		11,200	11,200	C	71
		Subtotal McMinnville	\$	11,200	11,200		
		* TOTAL MCNG FOR Tennessee	\$	11,200	11,200		
Texas		Fort Worth					
	481911	AIRCRAFT MAINTENANCE HANGAR Addition/Altera		6,000	6,000	C	85
		Subtotal Fort Worth	\$	6,000	6,000		
		Fort Worth					
	481315	NATIONAL GUARD VEHICLE MAINTENANCE SHOP		7,800	7,800	С	79
		Subtotal Fort Worth	\$	7,800	7,800		
		* TOTAL MCNG FOR Texas	\$	13,800	13,800		
Utah	491201	Nephi National Guard Readiness Center		12,000	12,000	С	91
				·	,		
		Subtotal Nephi	\$	12,000	12,000		
		* TOTAL MCNG FOR Utah	\$	12,000	12,000		
Wiscons	550148	Appleton NATIONAL GUARD READINESS CENTER ADD/ALT		11,600	11,600	С	99
		Subtotal Appleton	\$	11,600	11,600		
		* TOTAL MCNG FOR Wisconsin	\$	11,600	11,600		
Puerto	Rico 430062	Fort Allen NATIONAL GUARD READINESS CENTER		37,000	37,000	С	107
		Subtotal Fort Allen	\$	37,000	37,000		
		* TOTAL MCNG FOR Puerto Rico	\$	37,000	37,000		

STATE PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	JA	THORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Virgin Islands	St. Croix					
520047	ARMY AVIATION SUPPORT FACILITY (AASF)		28,000	28,000	С	113
	Subtotal St. Croix	\$	28,000	28,000		
	St. Croix					
520080	Civil Support Team (CST) Ready Building		11,400	11,400	С	119
	Subtotal St. Croix	\$	11,400	11,400		
	* TOTAL MCNG FOR Virgin Islands (U.S.)	\$	39,400	39,400		
worldwide Various 990022	Minor Construction Unspecified Minor Construction		0	32,744		125
	Subtotal Minor Construction	\$	0	32,744		
	Planning and Design					
990033	Planning and Design		0	29,593		127
	Subtotal Planning and Design	\$	0	29,593		
	* TOTAL MCNG FOR Worldwide Various	\$	0	62,337		
** ARMY NATIONA	L GUARD TOTAL	\$	259,100	321,437		
			(0)			
	Total Cost of New Mission Projects Total Cost of Current Mission Projects		(0)	\$ 0 \$ 259,100		
	Total Cost of other line items		(2)	\$ 259,100 \$ 62,337		
	Total Cost of FY 2021 MCNG Projects		(20)	\$ 321,437		

Military Construction Army National Guard, Future Years Defense Program FY 2021- FY 2025

Proj No Pax No MDEP		85384 ERED	7 ERED	EMNT	ERED	EMNT	ERED	ERED	EMNT	EMNT	ERED	ERED	EMNT	ERED	EITS	ERED	ERED	ERED	EMNT	EMNT	ERED	ERVC	ERVC	ERED	E315	E314	
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.o		ω	85387	85389	85390	90193	86480	85431	85452	85465	85478	85495	85570	85502	90221	94115	85519	85525	86691	94299	85532	94113	94114	85553	88445	88446	
۵	2021	040037	050170	060261	080295	171608	180202	210054	280381	310140	340132	390160	400602	410306	411508	430062	450109	470030	481315	481911	491201	520047	520080	550148	990022	990033	
Explanation	באאמומוסו		(15,000) Project moved from 2021 to 2022	Project moved from 2021 to 2022		Project moved from 2021 to 2022							Project moved from 2021 to 2022	(9,300) OR project substitution. TAG request. 410306 replaced by 411508.	OR project substitution. TAG request. 410306 replaced by 411508.	37,000 Natural Disaster Recovery						28,000 Natural Disaster Recovery	11,400 Natural Disaster Recovery				
Change	0	0	(15,000)	(9,300)	0	(15,000)	0	0	0	0	0	0	(008'6)	(9,300)	9,300	37,000	0	0	0	0	0	28,000	11,400	0	20,844	16,348	64.492
FYDP PB20	020	18,100	15,000	9,300	15,000	15,000	12,000	15,000	10,400	9,300	15,000	15,000	9,800	9,300	0	0	15,000	11,200	7,800	000'9	12,000	0	0	11,600	11,900	13,245	256.945
Budgeted		18,100	0	0	15,000	0	12,000	15,000	10,400	9,300	15,000	15,000	0	0	9,300	37,000	15,000	11,200	7,800	6,000	12,000	28,000	11,400	11,600	32,744	29,593	321.437
Project Title		National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Readiness Center Add/Alt	National Guard/Reserve Center Building	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	Armed Forces Reserve Center Building Addition	Enlisted Barracks, Transient Training	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	Aircraft Maintenance Hangar Add/Alt	National Guard Readiness Center	Army Aviation Support Facility	Ready Building	National Guard Readiness Center Add/Alt	Unspecified Minor Construction	Planning and Design	Total FY 2021 Program Request
State Town or Installation		AZ Tucson	AR Fort Chaffee	CA Bakersfield	CO Peterson AFB	IL Bloomington	IN Shelbyville	KY Frankfort	MS Brandon	NE North Platte	NJ Joint Base	OH Columbus	OK Ardmore		OR Hermiston	PR Fort Allen	SC Joint Base Charleston	TN McMinnville	TX Fort Worth	TX Fort Worth	UT Nephi	VI St. Croix	VI St. Croix	WI Appleton	ZZZ Various	ZZZ Various	
Year	1		2021 A	2021 C	2021 C	2021 II	2021 II	2021 K		2021 N		2021 0	2021 0		2021 0	2021 P	2021 S	2021 T	2021 T	2021 T	2021 U	2021	2021	2021 V	2021 Z	2021 Z	

Military Construction Army National Guard, Future Years Defense Program FY 2021- FY 2025

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	MDEP		ERED	ERED	ERED	EMNT	ERED	ERED	EMNT		VSRM	EITS	ERED	ERED	EMNT	ERED	ERED	EMNT	ERED	ERED	EMNT	EMNT	ERED	EMNT	ERED	VSRM		ERED	ERED	EMNT	EMNT	ERED	EMNT	E315	E314	
	Pax No		86462	88921	85387	82389	88233	86472	85400		84561	85565	85407	85411	90193	86491	85434	85435	80998	85460	86636	90308	86704	85570	85511	85615		85537	90672	80673	85546	85551	85557	90716	90717	_
	Proj No	2022	021128	040530	050170	060261	090040	100093	111083		120214	130131	140052	160098	171608	200105	220141	230125	260247	300049	361403	371602	380058	400602	430068	450377		500073	510075	510091	520040	540227	260903	990022	990033	
	Explanation		(34,000) Requirements of 021128 and 021024 consolidated as project 021024 in FY23. Project moved from 2023 to 2024.	Project moved from 2022 to 2023				Project moved from 2022 to 2023	(15,000) Project moved from 2022 to 2023						15,000 Project moved from 2021 to 2022					(16,000) Project moved from 2022 to 2023			Project moved from 2022 to 2023	9,800 Project moved from 2021 to 2022	(16,500) Project moved from 2022 to 2023	600 Increased Cost Estimate		Project moved from 2022 to 2023					Project moved from 2022 to 2023			
	Change	0	(34,000)	(11,600)	15,000	9,300	0	(16,000)	(15,000)		0	0	0	0	15,000	0	0	0	0	(16,000)	0	0	(15,500)	008'6	(16,500)	009		(14,800)	0	0	0	0	(14,800)	7,208	4,577	(92.715)
FYDP	PB20		34,000	11,600	0	0	17,500	16,000	15,000		16,200	13,200	34,000	15,000	0	15,000	15,000	16,000	16,000	16,000	17,000	15,000	15,500	0	16,500	5,400		14,800	6,100	006'9	15,000	14,000	14,800	18,000	21,456	430 956
Budgeted	Amount		0	0	15,000	9,300	17,500	0	0		16,200	13,200	34,000	15,000	15,000	15,000	15,000	16,000	16,000	0	17,000	15,000	0	008'6	0	6,000		0	6,100	006'9	15,000	14,000	0	25,208	26,033	338 241
	Project Title	2022	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	Combined Support Maintenance Shop Add/Alt		Scout RECCE Gunnery Complex	Transient UPH, Advanced Skills Trainees (AST)	National Guard Readiness Center Addition	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard/Reserve Center Building Addition	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	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 Add/Alt	National Guard Vehicle Maintenance Shop	Unspecified Minor Construction	Planning and Design	Total FV 2022 Program Regulest
	e Town or Installation	2 2022	Joint Base Elmendorf-Richardson	Surprise	Fort Chaffee	Bakersfield	Putnam	New Castle	Joint Base	Anacostia-Bolling	Camp Blanding	Fort Benning	Barrigada	Jerome	Bloomington	Topeka	Lake Charles	Saco	Grayling	Butte	Troy	McLeansville	Dickinson	Ardmore	Fort Buchanan	Camp McCrady	F	Bennington	Roanoke	Roanoke	St. Thomas	Buckhannon	Lovell	Various	Various	
	State	-	2 AK	2 AZ			2 CT	2 DE	2 DC		-Z	2 GA	2 GU	2 ID	2 II	2 KS	Z LA	2 ME	Z W	2 MT	2 NY	NC NC	ND Z	2 OK	PR	SC SC		2 VT	2 VA	VA Z	Z VI	Z WV	2 WY	ZZZ 2	2 ZZZ	
	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	2022	2022	2022	2022	_

Military Construction Army National Guard, Future Years Defense Program FY 2021- FY 2025

	MDEP		ERED	ERED	ERED	VSRM	ERED	ERED	EMNT		VSRM	ŀ	EMN	ERED	EMNT	ERED	ERED	VSRM		ERED	ERED	ERED	ERED	ERED	EMNT	EMNT		EMNT		בארות היי	FRED	ERED	FRFD	ERED	ERED		ERED	ERED	EMNT	E315	E314	
F	Pax No		85381	90207	88921	85715	85563	86472	85400		85610	1	88235	85409	85415	86700	86487	85611		85449	88251	85460	86626	88255	85479	86635		90220	10530	80704	86705	85511	85520	90224	90764		85537	86664	85557	90718	90719	
	Proj No	2023	010907	021024	040530	050186	080057	100093	111083		120213	,	120324	150084	170077	180203	190191	210293		270015	290179	300049	320159	330399	340131	350104		350105	030000	380038	410093	430068	450193	460158	470195		500073	550184	560903	990022	990033	
	Explanation		Project moved from 2023 to 2024	(30,000) Requirements of 021128 and 021024 consolidated as project 021024 in FY23. Project moved from 2023 to 2024.	_	Training program moved project from 2023 to 2024	Project moved from 2023 to 2024	16,000 Project moved from 2022 to 2023	15,000 Project moved from 2022 to 2023		Training program moved project from 2023 to 2024							Training program removed project				Project moved from 2022 to 2023			Project moved from 2023 to 2024				Designat married from 2000 to 2000	Project moved from 2022 to 2023	22,000) Floject III0Ved II0III 2023 to 2024 10 600) Project moved from 2023 to 2024	16,500 Project moved from 2022 to 2023	(15 500) Project moved from 2023 to 2024	Project moved from 2023 to 2024	(12,000) Increased cost reverses cost reduction in prior FYDP. Project	moved from 2023 to 2024	Project moved from 2022 to 2023		Project moved from 2022 to 2023			
	Change	0	(17,000)	(30,000)	11,600	(8,000)	(15,500)	16,000	15,000		(8,500)	•	0	0	0	0	0	(8,000)		0	0	16,000	0	0	(18,000)	0		0	45 500	000,000	(10,600)	16,500	(15 500)	(15,000)	(12,000)		14,800	0	14,800	0	(19,634)	(79,534)
0707 1-1707	PB20		17,000	30,000	0	8,000	15,500	0	0		8,500	000	12,000	29,000	17,500	20,000	15,000	8,000		17,000	20,000	0	18,000	17,000	18,000	9,200		5,100	c	0 00	10,600	0	15 500	15,000	12,000		0	15,000	0	18,400	32,572	425,872
- -	Budgeted		0	0	11,600	0	0	16,000	15,000		0	0	12,000	29,000	17,500	20,000	15,000	0		17,000	20,000	16,000	18,000	17,000	0	9,200		5,100	46 600	000,61	0 0	16,500	O	0	0		14,800	15,000	14,800	18,400	12,938	346,338
	Project Title	2023	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	Automated Multipurpose Machine Gun Range	National Guard Readiness Center	National Guard Readiness Center	Combined Support Maintenance Shop Add/Alt		Automated Multipurpose Machine Gun (MPMG)	Range		National Guard Readiness Center Addition	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	Multipurpose Machine Gun (MPMG) Range		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	National Guard/Reserve Center Building Addition	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center		National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	Unspecified Minor Construction		Total FY 2023 Program Request			
	State Town or Installation	2023 2023	AL Huntsville	AK Joint Base Elmendorf-Richardson		AR Camp Robinson	Castle Rock	DE New Castle	Joint Base	Anacostia-Bolling	FL Camp Blanding A		Palm Coast		IL North Riverside	IN Indianapolis	IA Des Moines	KY Wendell H. Ford	Training Center	MN New Ulm	SII	MT Butte	NV Reno	NH Plymouth		NM Rio Rancho		NM Las Cruces		Dickinson	Hemitade	nan	SC Aiken	Sioux Falls	Fort Campbell		Bennington	Viroqua	WY Lovell	Various	ZZZ Various F	
	Year	١.	2023 A	2023 A	2023 A	2023 ₽		2023 E			2023 F				2023	2023		2023 K			2023 N			2023 N	2023 N	2023 N		2023 N	6000	+			2023						2023 V		2023 Z	

Military Construction Army National Guard, Future Years Defense Program FY 2021- FY 2025

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	100	MDEP		ERED	ERED	VSRM	EMNT	ERED	VSRM		TAVI	ERED	EMNT	TBWG	VSRM	EMNT	ERED	ERED	ERED	ERED	EMNT	EMNT	ERED	ERED	ERED	ERED	ERED	ERED	ERED	ERED	ERED		ERED	EMNT	ERED	E315	E314	
	:	Pax No		85381	90207	85715	85389	85563	85610		84651	85407	85412	92651	85627	85432	86500	88245	90998	88249	90746	85479	92223	85496	85499	85503	86705	85724	85520	90224	90764		88240	85547	86688	95121	95125	
	:	Proj No	2024	010907	021024	050186	060252	080057	120213		120231	140051	160069	160175	180162	210192	220123	240162	250148	280321	300238	340131	371605	390214	401207	410093	420173	440063	450193	460158	470195		491202	511018	230077	990022	990033	
		Explanation		Project moved from 2023 to 2024	59,000 Requirements of 021128 and 021024 consolidated as project 021024 in FY23 Project moved from 2023 to 2024	-			Training program moved project from 2023 to 2024		Increased Cost Estimate	45,000) Project moved from 2024 to 2025		Reduced Cost Estimate			(24,000) Project moved from 2024 to 2025	(19,000) Project moved from 2024 to 2025			Project moved from 2024 to 2025	Project moved from 2023 to 2024	Project moved from 2024 to 2025		Project moved from 2024 to 2025	22,000 Project moved from 2023 to 2024	10,600 Project moved from 2023 to 2024		15,500 Project moved from 2023 to 2024	15,000 Project moved from 2023 to 2024	12,800 Increased cost reverses cost reduction in prior FYDP. Project	moved from 2023 to 2024	Project moved from 2024 to 2025			4,700 Training program Addition		
	ō	Change	0	17,000	59,000	8 000	(24,000)	15,500	8,500		100	(45,000)	0	(12,000)	0	0	(24,000)	(19,000)	0	0	(8,400)	18,000	(18,500)	0	(18,000)	22,000	10,600	0	15,500	15,000	12,800		(20,000)	0	0	4,700	(8,945)	8.855
Ĺ	FYDP	PB20		0	0	C	24,000	0	0		8,500	45,000	15,000	27,000	8,000	14,800	24,000	19,000	24,000	22,000	8,400	0	18,500	14,700	18,000	0	0	30,000	0	0	0		20,000	20,000	22,000	31,639	29,223	443.762
	Budgeted	Amount		17,000	29,000	8 000	0	15,500	8,500		8,600	0	15,000	15,000	8,000	14,800	0	0	24,000	22,000	0	18,000	0	14,700	0	22,000	10,600	30,000	15,500	15,000	12,800		0	20,000	22,000	36,339	20,278	452.617
		Project Litle	2024	National Guard Readiness Center	National Guard Readiness Center	Automated Multinumose Machine Gun Bange		National Guard Readiness Center	Automated Multipurpose Machine Gun (MPMG)	Range	Training Aids Center	National Guard Readiness Center Addition	National Guard Vehicle Maintenance Shop	Simulations Center	Automated Multipurpose Machine Gun Range	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center	National Guard Readiness Center		National Guard Readiness Center	Aircraft Maintenance Hangar	National Guard/Reserve Center Building	nstruction	Planning and Design	Total FY 2024 Program Request			
	:	lown or Installation	2024	Huntsville	Joint Base Flmendorf-Richardson	Camp Robinson	Moreno Valley	Castle Rock	Camp Blanding		Camp Blanding	Barrigada	Jerome	Boise	Camp Atterbury	Burlington	Lafayette	Baltimore	Camp Edwards	Southaven	Malta	Vineland	Rocky Mount	Camp Perry	Shawnee	Hillsboro	Hermitage	North Kingstown	Aiken	Sioux Falls	Fort Campbell		Manti	Sandston	Camp Murray	Various	Various	
	i	State	2024	AL	¥	AR	S	8	긥		긥	ദ	₽	₽	Z	Σ	ΓĄ	MD	MA	MS	ΔM	2	NC	ᆼ	8 K	N R	ΡΑ	₸	SC	S	Ϋ́				WA		222	
	;	Year	2024	2024	2024	2024	2024	2024	2024		2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024		2024	2024	2024	2024	2024	

Military Construction Army National Guard, Future Years Defense Program FY 2021- FY 2025

	MDEP		EMNT	ERED	EMNT	EMNT	ERED	ERED	ERED	EMNT	EMNT		ERED	ERED	ERED	VSRM	ERED	EMNT	VSRM	EMNT	ERED	ERED	E315	E314	
	Pax No		82389	85407	82228	90198	86500	90208	88245	90746	88254		92223	92217	85499	92139	92138	90440	91326	93729	88240	85554	95122	92126	
	Proj No	2025	060252	140051	190137	190185	220123	220161	240162	300238	330022		371605	390130	401207	410033	410056	420517	420519	460136	491202	550180	990022	990033	
	Explanation		24,000 Project moved from 2024 to 2025	45,000 Project moved from 2024 to 2025	10,400 Accelerated from the Infrastructure Requirements Plan	10,600 Accelerated from the Infrastructure Requirements Plan	24,000 Project moved from 2024 to 2025	16,500 Accelerated from the Infrastructure Requirements Plan	19,000 Project moved from 2024 to 2025	8,400 Project moved from 2024 to 2025	13,600 Accelerated from the Infrastructure Requirements Plan		18,500 Project moved from 2024 to 2025	18,500 Accelerated from the Infrastructure Requirements Plan	18,000 Project moved from 2024 to 2025	16,500 Training program inserted project	25,000 Accelerated from the Infrastructure Requirements Plan	17,000 Accelerated from the Infrastructure Requirements Plan	15,500 Training program inserted project	20,000 Accelerated from the Infrastructure Requirements Plan	20,000 Project moved from 2024 to 2025	20,000 Accelerated from the Infrastructure Requirements Plan			
	Change	0	24,000	45,000	10,400	10,600	24,000	16,500	19,000	8,400	13,600		18,500	18,500	18,000	16,500	25,000	17,000	15,500	20,000	20,000	20,000	76,515	22,514	459,529
FYDP	PB20		0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Budgeted	Amount		24,000	45,000	10,400	10,600	24,000	16,500	19,000	8,400	13,600		18,500	18,500	18,000	16,500	25,000	17,000	15,500	20,000	20,000	20,000	76,515	22,514	459,529
	Project Title	2025	National Guard Vehicle Maintenance Shop	National Guard Readiness Center Addition	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center Addition	National Guard Readiness Center	National Guard Vehicle Maintenance Shop	National Guard Vehicle Maintenance Shop	Addition	National Guard Readiness Center	National Guard Readiness Center Addition	National Guard Readiness Center	Automated Multipurpose Machine Gun Range	National Guard Readiness Center Addition	National Guard Vehicle Maintenance Shop	Automated Multipurpose Machine Gun Range	National Guard Vehicle Maintenance Shop	National Guard Readiness Center	National Guard Readiness Center Addition	Unspecified Minor Construction	Planning and Design	Total FY 2025 Program Request
	Town or Installation	2025	Moreno Valley	Barrigada	Sioux City	Waterloo	Lafayette	Abbeville	Baltimore	Malta	Littleton		Rocky Mount	Lebanon	Shawnee	Boardman	Lebanon	Danville	Fort Indiantown Gap	Watertown	Manti	Black River Falls	Various	Various	
	State	2025	CA	GN	М	⊻	ΓĄ	ΓA	MD	LΜ	HN		NC	В	OK	OR	N R	ΡA	ΡΑ	SD	5	M	ZZZ	222	
	Year	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025		2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	2025	

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 \$321,437,000 to remain available until 30 September 2025. Provided, that of the amount appropriated, not to exceed \$29,593,000 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 CONSIDERATION

SEC. 26XX. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2020 PROJECT.

(a) Authority to Carry Out Training Barracks, Fort McClellan, Alabama. - In the case of the authorization contained in the table in section 2601 of the National Defense Authorization Act for Fiscal Year 2020 (Title XXVI of Public Law 116–92) for Anniston Army Depot, Alabama, for construction of a Training Barracks, the Secretary of the Army may construct a Training Barracks at Fort McClellan, Alabama.

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	COMPONENT				JARD AND RES			2. D		
	ARNG			MILITARY	CONSTRUCTI	ON		F	EBRUAR'	Y 2020
3.	INSTALLATION AND	LOCATION						4. A	REA COI	NSTRUCTION
	Tucson			IN	SNO= 04B90			С	OST IN	DEX
	Arizona									.96
5.	FREQUENCY AND TYP	E OF HTTI-I	TZATION							
٥.	Administration 5			training	aggombler 2	2 times/ment	h			
	Administration 5	uays/week,	, with 2-da	ly training	assembly 2-	-3 times/mont	11.			
6.	OTHER ACTIVE/GUAR	D/RESERVE	INSTALLATI	ONS WITHIN	15 MILE RAI	DIUS				
	,		C	0.00 miles			0	(0)	0
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7.	PROJECTS REQUESTE	D IN THIS	PROGRAM							
	CATEGORY						COS	T <u>D</u>	ESIGN S	STATUS
	CODE PROJECT	TITLE				SCOPE	(\$00	0) ST	ART	CMPL
	17180 NATIONA	L GUARD RI	EADINESS CE	ENTER	8,060 m2	(86,759 SF)	18,1	00 OCT	2018	SEP 2020
8.	STATE GUARD/RESER	VE FORCES	FACILITIES	BOARD REC	OMMENDATION					
	FACILITIES IDENTI	FIED IN IT	TEM #6 HAVE	BEEN EXAM	INED BY THE	STATE RESERV	E FORCES		25 JU	N 2019
	FACILITIES BOARD	FOR POSSIE	BLE JOINT U	SE/EXPANSI	ON. THE BOAR	RD RECOMMENDA	TIONS ARE	Ξ	(Da	ate)
	UNILATERAL CONSTR	UCTION.								
9.	LAND ACQUISITION	REQUIRED								
	None									0
								(Numb	ber of	acres)
1 ^	DDO TEGEO PT 3377-	TM NTD	TOTID VETTS							
10	. PROJECTS PLANNED	IN NEXT F	OUR YEARS							
	CATEGORY									COST
	CODE PROJECT	TITLE					SCOPE			(\$000)
	NONE									
	A SITE SURVEY HAS	BEEN COME	PLETED AND				ION OF TH	HE PROPO	SED PRO	OJECT AT
11		BEEN COME	PLETED AND	THE SITE IS			ION OF TE	HE PROPO	SED PRO	OJECT AT
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11	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG	BEEN COME T INDICATE TH AS OF 1 TOTAL 17	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0	THE SITE IS ONT ENLISTED 17	S SUITABLE I	FOR CONSTRUCT	GUARD, OTAL C 329	/RESERVE DFFICER 15		STED 314
	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0	THE SITE IS ONT ENLISTED 17	S SUITABLE I	FOR CONSTRUCT	GUARD, OTAL C 329	/RESERVE DFFICER 15		STED 314
	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0	THE SITE IS ONT ENLISTED 17	S SUITABLE I	FOR CONSTRUCT	GUARD, OTAL C 329	/RESERVE DFFICER 15	ENLIS	314 319
	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DAT	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0	THE SITE IS ENT ENLISTED 17 10	CIVILIAN 0 0	FOR CONSTRUCT	GUARD, <u>OTAL</u> <u>C</u> 329 334	/RESERVE)FFICER 15 15	ENLIS	STED 314 319 GTH
	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DATE	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0	THE SITE IS ONT ENLISTED 17 10	S SUITABLE I	FOR CONSTRUCT T	GUARD, OTAL C 329 334	/RESERVE)FFICER 15 15	ENLIS STRENO ORIZED	STED 314 319 GTH ACTUAL
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	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DATE	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS ONT ENLISTED 17 10	CIVILIAN 0 0 TPSN 3554	T MTO	GUARD, OTAL C 329 334	/RESERVE)FFICER 15 15	ENLIS STRENO ORIZED	STED 314 319 GTH ACTUAL
	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG AUTHORIZED ACTUAL . RESERVE UNIT DAT. UNIT DESIGNATION (CO TRANS MDM TRK	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS ONT ENLISTED 17 10 UIC WPMZAA	CIVILIAN 0 0 TPSI	T MTO 16 556 NGW	GUARD, OTAL C 329 334 E/TDA 53KNG13	/RESERVE DFFICER 15 15	STRENC DRIZED 168	GTH ACTUAL 168
	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG AUTHORIZED ACTUAL . RESERVE UNIT DAT: UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM ()	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO ()	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS ONT ENLISTED 17 10 UIC WPMZAA W90C22	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL C 329 334 E/TDA 53KNG13	/RESERVE DFFICER 15 15	STRENC DRIZED 168 4	GTH ACTUAL 168 4
	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG AUTHORIZED ACTUAL . RESERVE UNIT DAT. UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO ()	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL C 329 334 E/TDA 53KNG13 90CAA 43KNG52	/RESERVE DFFICER 15 15	STRENCO DRIZED 168 4 116	GTED 314 319 GTH ACTUAL 168 4 121
	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG AUTHORIZED ACTUAL . RESERVE UNIT DAT. UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO ()	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL C 329 334 E/TDA 53KNG13 90CAA 43KNG52	/RESERVE DFFICER 15 15	STRENO DRIZED 168 4 116 41	GTED 314 319 GTH ACTUAL 168 4 121 41
	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG AUTHORIZED ACTUAL . RESERVE UNIT DAT. UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO ()	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL C 329 334 E/TDA 53KNG13 90CAA 43KNG52 35KNG05	/RESERVE DFFICER 15 15 AUTHO	STRENG DRIZED 168 4 116 41 329	GTED 314 319 GTH ACTUAL 168 4 121 41 334
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12	A SITE SURVEY HAS THE ESTIMATED COS . PERSONNEL STRENG AUTHORIZED ACTUAL . RESERVE UNIT DAT. UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO () COMP (3X6)	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL C 329 334 E/TDA 53KNG13 90CAA 43KNG52 35KNG05	/RESERVE DFFICER 15 15 AUTHO	STRENG DRIZED 168 4 116 41 329	GTED 314 319 GTH ACTUAL 168 4 121 41 334
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12	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DAT UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK DET 1 (BN FA BN, CO	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO () COMP (3X6)	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL 329 334 E/TDA 53KNG13 90CAA 43KNG52 35KNG05	/RESERVE DFFICER 15 15 AUTHO Signed/A IZED 153	STRENG DRIZED 168 4 116 41 329	STED 314 319 GTH ACTUAL 168 4 121 41 334 zed: 102% ACTUAL 153
12	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DATE UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK DET 1 (BN FA BN, C	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO () COMP (3X6)	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL 329 334 E/TDA 53KNG13 90CAA 43KNG52 35KNG05	/RESERVE 15 15 AUTHO Signed/A IZED 153 39	STRENG DRIZED 168 4 116 41 329	STED 314 319 GTH ACTUAL 168 4 121 41 334 zed: 102% ACTUAL 153 39
12	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DATE UNIT DESIGNATION (CO TRANS MDM TRK RECRUITING TEAM (CO TRANS MDM TRK DET 1 (BN FA BN, C	BEEN COME T INDICATE TH AS OF 1 TOTAL 17 10 A CO () BN ARIZONA CO () COMP (3X6)	PLETED AND ED. 17 OCT 2018 PERMANE OFFICER 0 0 A REC & R	THE SITE IS SITE IS ENLISTED 17 10 UIC WPMZAA W90C22 WQQHAA	CIVILIAN 0 0 TPSI 3554	T MTO 16 556 NGW	GUARD, OTAL 329 334 E/TDA 53KNG13 90CAA 43KNG52 35KNG05	/RESERVE 15 15 15 AUTHO Signed/A IZED 153 39 0	STRENG DRIZED 168 4 116 41 329	GTED 314 319 GTH ACTUAL 168 4 121 41 334 zed: 102% ACTUAL 153 39 0
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1.	COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE	
	ARNG	MILITARY CONSTRUCTION		FEBRUA	ARY 2020
3.	INSTALLATION AND I	OCATION	4.	AREA C	CONSTRUCTION
	Tucson	INSNO= 04B90		COST I	
	Arizona				.96
14	OUTSTANDING POLLS	TION AND SAFETY DEFICIENCIES			
	. 0010111101110 10220	(\$000)		
	A. AIR PO)		
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1. COMPONENT					2. DATE		
ARNG					FEBRUARY	2020	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
Tucson Arizona NATIONAL GUARD READINESS CENTER							
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)		
0505896A	17180	85 040	384 037	Approp	18,100		
Q COST ESTIMATES							

TTEM
17180 Readiness Center
44224 Unheated Storage Building m2 (SF) 1,552 (16,703) 1,292 (2,004) 44228 Controlled Waste Facility m2 (SF) 30.66 (330) 1,238 (320) 44240 Flammable Materials Facility m2 (SF) 20.44 (220) 1,292 (220) 81160 Backup/Emergency Generator EA 1 100,000 (100,000) Total from Continuation page(s) (3,27) SUPPORTING FACILITIES Electric Service LS Water, Sewer, Gas LS (220)
44228 Controlled Waste Facility m2 (SF) 30.66 (330) 1,238 (3,23) 44240 Flammable Materials Facility m2 (SF) 20.44 (220) 1,292 (2,20) 81160 Backup/Emergency Generator EA 1 100,000 (10,000) (10,000) Total from Continuation page(s) Controlled Waster (SF) 20.44 (220) 1,292 (2,20) SUPPORTING FACILITIES Electric Service LS Water, Sewer, Gas LS (2,20)
44240 Flammable Materials Facility m2 (SF) 20.44 (220) 1,292 (281160 Backup/Emergency Generator EA
81160 Backup/Emergency Generator EA 1 100,000 (10 Total from Continuation page(s) (3,2) SUPPORTING FACILITIES Electric Service LS (7 Water, Sewer, Gas LS (22 Total from Continuation page(s) (3,2) (3
Total from Continuation page(s) (3,2° SUPPORTING FACILITIES 2,83° Electric Service LS (° Water, Sewer, Gas LS (22°
SUPPORTING FACILITIES Electric Service Water, Sewer, Gas LS (2)
Electric Service LS (7) Water, Sewer, Gas LS (2)
Water, Sewer, Gas LS (22
Derring Wells Charles and Catterns IC
Paving, Walks, Curbs And Gutters LS (1,24
Storm Drainage LS (10
Site Imp(556) Demo() LS (55
Information Systems LS (13
Antiterrorism Measures LS (2)
Other LS (24
ESTIMATED CONTRACT COST 21,26
CONTINGENCY (5.00%) 1,06
SUBTOTAL 22,32
SUPV, INSP & OVERHEAD (3.50%)
DESIGN/BUILD-DESIGN COST (4.44%)
TOTAL REQUEST 24,10
State Share 6,00
TOTAL FEDERAL REQUEST 18,10
INSTALLED EQT-OTHER APPROP (1,78

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, 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 42 U.S.C. 4154. 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. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 88,584 SQFT. Disposal of 6 buildings at Camp Navajo, AZ (Total 4,761 m2/51,248 SF), 3 buildings at Douglas Readiness Center, AZ (Total 316 m2/3,400 SF), 2 buildings at Nogales Readiness Center, AZ (Total 1,026 m2/11,040 SF), and 7 buildings at Silverlake Readiness Center, AZ (Total 2,133 m2/22,957 SF). Air Conditioning (Estimated

1. COMPONENT							2. DA	ГЕ
	FY 2021 MILITA	ARY (CONSTRUC'	TION PROJE	CT DA	ATA		
ARNG FEBRUARY 2020							BRUARY 2020	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						•		
Tucson								
Arizona				NATIONAL (GUARI	READ]	INESS CEN	ΓER
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER		8. PROJE	CT COST (\$00	0)
			85	384				
0505896A	17180		040	037		Approp	18	,100
9. COST ESTIMATES (CONTINUED)								
							UNIT	COST
ITE	M	UM	(M/E)	QUANT	ITY		COST	(\$000)
PRIMARY FACILITY (CO	<u>·</u> _							
85210 Rigid Pavement	for MEP	m2	(SY)	21,969 (26	5,275)	101.66	(2,233)
81122 Electric Power	, Photovoltaic	EA		1	_		550,000	(550)
Sustainability	Energy Measures	LS			-			(363)
Antiterrorism 1	Measures	LS			_			(129)
							Total	3,275

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

816 kWr/232 Tons).

11. REQ: 8,060 m2 ADQT: NONE SUBSTD: NONE
PROJECT: To construct a 86,759 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the AZARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This facility is designed to meet mission requirements for the 222 TRANS CO, UIC WPMZAA, 2220 TRANS CO, UIC WQQHAA and DET 1 (BN FA BN, COMP (3X6)), UIC WQLVT1. Date of Activation: 20040901

CURRENT SITUATION: This project is critical to the state of AZ due to the current situation of the inadequate space and substandard condition of the present facilities will reduce the energy efficiency, training and mobilization readiness standards will continue to decline. The 222 Trans Co currently resides in modular trailers at Florence Military Reservation. They do not currently have proper facilities due to lack of funding and spacing deficit within the AZARNG. The ability of the unit to meet its readiness, recruiting and retention, and training objectives will be adversely affected if the personnel are not provided with adequate facilities. Delays in funding for this project will require the units to stay in the overcrowded Readiness Centers and modular trailers. The lack of proper facilities will negatively influence troop morale and readiness, as well as impact the overall retention of 222 Trans Co and 2220 Trans Co.

The State of AZ 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 AZ.

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

There currently is no facility to complete the mission.

This project will mitigate the event of not having proper facilities to train the soldiers of the AZARNG. There currently are only trailers to accomplish the training objectives, the probability of effecting training is "LIKELY". The result of not having proper training facilities will cause a "MAJOR" threat to the safety and well being of the soldiers of the AZARNG.

1. COMPONENT					2. DATE
	FY 2021 MILITA	RY CONSTRUCT	ION PROJECT	DATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
Tucson Arizona			NATIONAL GU	JARD READINES	SS CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT I	NUMBER	8. PROJECT C	OST (\$000)
		853	-		
0505896A	17180	0400)37	Approp	18,100

CURRENT SITUATION: (CONTINUED)

Currently the soldiers are training out of modular trailers.

Trailers are not generating a sustainment need.

Site Site Cat FACNO ISR-I F Q C Local
Code UID Code Year Rating Rating Name
04B87 17180 NO FACILITY

N/A

Trailers do not comply with the NG Pam 415-12 dated 25 Jan 2015 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.

Since the trailers are not currently to code/standards, many commanders reported the unit is not in a ready status.

IMPACT IF NOT PROVIDED: If this project is not provided, the inadequate space and substandard condition of the present facilities will reduce the energy efficiency, training and mobilization readiness standards will continue to decline. The 222 Trans Co currently resides in modular trailers at Florence Military Reservation. The ability of the unit to meet its readiness, recruiting and retention, and training objectives will be adversely affected if the personnel are not provided with adequate facilities. Delays in funding for this project will require the units to stay in the overcrowded Readiness Centers. The lack of proper facilities will negatively influence troop morale and readiness, as well as affect the overall retention of 222 Trans Co and 2220 Trans Co. 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 2021 MILITARY	CONSTRUCTION PROJECT D	ATA	
ARNG			T		FEBRUARY 2020
3. INSTALLATION A	ND LOCATION		4. PROJECT TITLE		
Tucson Arizona			NATIONAL GUAR	D READINESS	! CENTER
5. PROGRAM ELEMENT	Γ	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	
			85384		
0505896A		17180	040037	Approp	18,100
ADDITIONAL: (CONTINU	ED)			
TOTAM HOR OFF		TON. The December 3 and		7 / T	-11-44
			tant Secretary of the been considered for jo		
		ilable for use by oth		offic ase por	cenciai. Inis
racific, with	. De ava.		ici componenci.		
12. SUPPLEME	ENTAL DA	ΤΔ:			
IZ. SOFFIEME	INIAL DA	ia.			
Δ Fetir	mated De	 sign Data:			
(1)	Status:	_			
(1)					OCT 2018
		-			·
			January 2020		100
		_			JUN 2019
					SEP 2020
			ing Used to Develop C	osts	NO
	(f) Ty	pe of Design Contract	: Design-build		
	(g) An	energy study and lif	Te cycle cost analysis	will be	
	do	cumented during the f	final design.		
(2)	Basis:				
	(a) St	andard or Definitive	Design: NO		
(3)	Total D	esign Cost (c) = (a)+	+(b) OR (d)+(e):		(\$000)
	(a) Pr	oduction of Plans and	d Specifications		0
	(b) Al	l Other Design Costs.			727
	(c) To	tal Design Cost			727
					727
	(0)				
(4)	Constru	ction Contract Award			FEB 2021
(1)	COIDCIA	ection contract Awara.			
(「)	C = = = +	ation Chart			TIT 2021
(5)	Constru	CCIUII SCAIL			JUL 2021
,	~ .				3.DD 0000
(6)	Constru	ction Completion		• • • • •	APR 2023

1. COMPONENT					2. DATE
	FY 2021 MILITARY	CONSTRUC'	TION PROJECT I	ATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION					
Tucson					
Arizona			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)
		85	384		
0505896A	17180	040	037	Approp	18,100
12. SUPPLEMENTAL DA	TA (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	2022	1,025
Kitchen Equipment (Type C)	OMNG	2022	50
ESS (171R)	OPA	2022	54
Info Sys - ISC	OPA	2022	189
Info Sys - PROP	OMNG	2022	471
		Total —	1,789

1.	COMPONENT			FY 2021 G	JARD AND RESE	RVE		2. DA	TE	
	ARNG			MILITARY	CONSTRUCTION	N		FE	BRUARY	2020
3	INSTALLATION AND I							4 AR	FA CON	STRUCTION
] .	Peterson AFB	2001112011		TM	SNO= 08B38				ST IND	
	Colorado			111	DNO- 00B30					.00
										.00
5.	FREQUENCY AND TYPE									
	Reservists: 0 nigh	nts/week.	Full-Tim	ne Personnel	: 0 days/weel	ζ.				
6	OTHER ACTIVE/GUARI)/DFCFD1/F	י דאנידאד.ד.מיד	TONS WITHIN	15 MTT.F PAD	TIIQ				
١°.)/ KEDEKVE		0.00 miles	15 HIDE KAD	105	0	, ,))	0
	,			0.00 miles			U	((, ,	U
7.	PROJECTS REQUESTED	IN THIS	PROGRAM							
	CATEGORY						COST	DE	SIGN S'	TATUS
	CODE PROJECT	TTTLE				SCOPE	(\$000)	STA	RT	CMPL
			Peadiness	Center	3.562 m2	(38,338 SF)				OCT 2020
	1/100 Naciona	I Guaru .	Reautiless	Center	3,302 112	(30,330 B1)	15,000			
8.	STATE GUARD/RESERV	/E FORCES	FACILITIE	ES BOARD REC	OMMENDATION					
	FACILITIES IDENTIF	FIED IN I	TEM #6 HAV	E BEEN EXAM	INED BY THE	STATE RESERVE	E FORCES		23 FEB	2018
	FACILITIES BOARD F	OR POSSI	BLE JOINT	USE/EXPANSI	ON. THE BOAR	D RECOMMENDAT	TIONS ARE		(Da	te)
	UNILATERAL CONSTRU	JCTION.								
9.	LAND ACQUISITION F	REQUIRED								
	None									0
								(Numb	er of a	acres)
1.0										
10.	PROJECTS PLANNED	IN NEXT	FOUR YEARS	3						
	CATEGORY									COST
	CODE PROJECT	<u> </u>					SCOPE			(\$000)
l	NONE									
l	DEFERRED SUSTAINME					0				
11.	PERSONNEL STRENGT	TH AS OF	17 OCT 201	18						
			PERMAN	TENTO			GIIADD /D:	ECEDITE		
							GUARD/R			
		TOTAL	OFFICER	ENLISTED	CIVILIAN	<u>TC</u>		FICER	ENLIST	
	AUTHORIZED	50	20	30	0		93	53		40
	ACTUAL	67	32	35	0		93	53		40
12.	RESERVE UNIT DATA	Ā								
									STRENG	TH
	UNIT DESIGNATION			UIC	TPSN	MTO	E/TDA	AUTHO	RIZED	ACTUAL
	(CMD COARNG ELE MC	OB CM)		W87YAA	5669	1 NGW8	37YAA		29	29
	ARNG ELE 1 (HHB ,	GMD BDE)		WND9G1	2400	2 4070	2KNGM1		64	64
									93	93
							Aggi	mod / Nu	+horiz	ed: 100%
							ASSI!	عدد Au Au		Ca. 1009
13.	MAJOR EQUIPMENT A	AND AIRCR	RAFT							
l	TYPE						AUTHORIZ	ED		ACTUAL
l	WHEELED							0		0
	TRAILERS							0		0
	TRACKED							0		0
l								-		
			T'					Λ		^
		T > 30 F.	Г					0		0
	Fuel Tru		Г					0		0
			г					0		0
	Fuel Tru		Г					0	_	0
	Fuel Tru HET		Г					0		0
	Fuel Tru HET		Г					0	_	0

1.	COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE	
	ARNG	MILITARY CONSTRUCTION		FEBRUA	ARY 2020
3.	INSTALLATION AND I	OCATION	4.	AREA (CONSTRUCTION
	Peterson AFB	INSNO= 08B38		COST	
	Colorado				1.00
14	. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES			
		(\$000)		
	A. AIR P		0		
			0		
			0		
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1. COMPONENT								2.	DATE
		FY 2021 MILITA	RY (CONSTR	UCTION PRO	JECT I	DATA		
ARNG								F	EBRUARY 2020
3. INSTALLATION AND LO	CATION				4. PROJEC	T TITLE			
Peterson AFB									
Colorado					Nationa	ıl Guar	d Readi	ness Ce	enter
5. PROGRAM ELEMENT	(6. CATEGORY CODE		7. PROJ	ECT NUMBER		8. PROJE	CT COST (\$	000)
	İ			İ	85390				
0505896A		17180		(080295		Approp	1	5,000
	-		9. (COST EST	IMATES				· ·
	ITEM		TIM	(M/E)	OII	ANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY			OM	(M/E)	Q0	ANIIII		UNII COSI	12,152
17180 Readiness		•	m2	(SF)	3,562) (3	38,338)	3,22	ł
81160 Backup/Eme			EA		1		,0,350)	150,000	1
81122 Electric P			EA		1			126,000	
82187 Heating Pl			EA		1	•		150,000	
			1					130,000	1
Sustainabi	ттсу/ Е	Inergy Measures	LS						(238)
CIIDDODETNIC DAGII	TETE 6								1 655
SUPPORTING FACIL			- ~						1,655
Electric Service			LS						(120)
Water, Sewer, Ga			LS						(360)
Paving, Walks, C	urbs A	and Gutters	LS						(131)
Storm Drainage			LS						(243)
Site Imp(365) De	mo()		LS						(365)
Information Syst	ems		LS						(98)
Antiterrorism Me	asures	}	LS						(176)
Other			LS						(162)
ESTIMATED CONTRA	CT COS	ST							13,807
CONTINGENCY (5.0	0%)								690
SUBTOTAL									14,497
SUPV, INSP & OVE	RHEAD	(3.51%)							509
TOTAL REQUEST		(7							15,006
TOTAL FEDERAL RE	OHEST								15,006
TOTAL FEDERAL RE		(BOINDED)							15,000
INSTALLED EQT-OT									(1,612)
			1 - 1	111 400	rianed Nat	ional	Cuard B	oodinoa	s Center of
10. Description of Pro		nstruction A spec . The National G							
		he facility: Bac							
		eating Plant (Geo							
_		project. This f							
		State, and Feder							
Construction wil	l incl	ude all utility	ser	vices	, informat	ion sy	stems,	fire de	tection and
alarm systems, r	oads,	walks, curbs, gu	tte	rs, st	torm drain	age, p	arking	areas,	and site
improvements. Fa	ciliti	es will be desig	ned	to a	minimum 1:	ife of	50 yea	rs in a	ccordance
with DOD's Unifi	ed Fac	ilities Code (UF	C 1	-200-0)2) includ	ing en	ergy ef	ficienc	ies, building
envelope and int	egrate	ed building syste	ms	perfor	rmance as j	per AS	A(IE&E)	Sustai	nable Design
		Update Dec 2017							
_		m measures in ac							
building standar									
I .		hrough the dispo							
		diness Center, C							
	iave),	CO (Total 1,873	ııı∠	/ ZU , 1:	л οг). Α.	TT COM	UT CTOIIT	ng (ESC	Illateu 450
kWr/128 Tons).									
11. REQ: 3,56	2 m2	ADQT:			NONE	SU	BSTD:		NONE
		~				_			

PROJECT:

To construct a 38,338 SF National Guard Readiness Center that supports

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUC'	TION PROJECT I	DATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Peterson AFB Colorado			National Guar	rd Readiness	Center	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
0505896A	17180		390 295	Approp	15,000	

PROJECT: (CONTINUED)

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

REQUIREMENT: This facility is designed to meet all requirements of two Army National Guard units integral to the Nation's defense. Currently, both units occupy a leased facility in Colorado Springs. This facility has been utilized to the maximum potential permitted by the owner. This project will provide their full space requirement, greatly improved operational integration with their supported commands, enhanced antiterrorism and force protection, and reduce the leased footprint in compliance with Department of the Army orders. Because of the extent of the requirement, it cannot be accomplished using SRM.

CURRENT SITUATION: This project is critical to the state of Colorado due to the current situation of the assigned units occupying a leased facility in Colorado Springs which costs in excess of \$500,000 per year and provides only 20,111 SF (30% of authorized space) of their total requirement. It has no force protection as the building is commercially owned and occupied by other non-DOD tenants. The facility does not comply with National Guard Facilities Allowances, nor does it comply with any antiterrorism/force protection standards defined in current Unified Facility Criteria. It fronts a public road and is public accessible, despite the fact that any interruption of the unit's mission could put the nation's ballistic missile defense in jeopardy. The leased facility lacks necessary functional areas such as storage space or adequate administrative space.

The State of Colorado 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 Colorado.

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

The facility where the current operations are being conducted was constructed in 1995.

The current facility was given a RAC score of Critical because of the likelihood of mission failure if a permanent solution cannot be developed. This project will eliminate the risk to interruption of the Missile Defense Brigade's mission. Since there is no indication that the lease will be renewed for the long term, interruption of their mission is "Likely." Because their mission is to monitor the skies and defende the nation from a ballistic missile attack, the result of their mission being interrupted could be "Catastrophic."

The current facility is 20,111 SF of leased office space which costs the Natiaonl Guard in excess of \$500,000 per year plus a 7% per month maintenance fee. This lease expires in May 2020 and no guarantee of continued funding exists. Expiration of the lease without a permanent solution puts the Nation's ballistic missile defense system at risk.

Site Site Cat FACNO ISR-I F Q C Local Code UID Code Year Rating Rating Rating Name

1. COMPONENT					2. DATE
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT I	DATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	•	
Peterson AFB					
Colorado			National Guar	d Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	390		
0505896A	17180	080	295	Approp	15,000
CURRENT SITUATION: (C	ONTINUED)				
08A42 4499 17180	00705		C4 No Cu	rrent Facili	tv

The current facilities do not comply with NG Pam 415-12 criteria, nor with any other Army or DOD criteria, to include Unified Facility Criteria 4-010-01 or 4-010-02. They lack any discernible Anti-terrorism Force Protection (ATFP) measures. They lack adequate classroom/training space, administrative space, supply room space, an arms vault, physical fitness space, showers, locker room space, and storage space. No waivers exist for these conditions. As a leased space, the facility is not rated by the Installation Status Report system.

IMPACT IF NOT PROVIDED: If this project is not provided the current leased facility's lack of required functional areas and ATFP measures will continue to directly impact the units' ability to perform its mission and put the unit at risk. Upon the expiration of the lease in 2020, the unit will have no facility from which to perform its mission. The current facility currently costs in excess of \$500,000 per year, cannot be expanded, and the original allowance and authority for use of Operations and Maintenance funds to adapt the facility for the current mission has expired.

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 2018
(b)	Percent Complete as of January 2020	65
(c)	Date 35% Designed	JUN 2019

1. COMPONENT					2. DATE
		FY 2021 MILITAR	Y CONSTRUCTION PRO	OJECT DATA	
ARNG					FEBRUARY 2020
3. INSTALLATION A	ND LOCA	ATION	4. PROJEC	T TITLE	
Peterson AFB					
Colorado			Nationa	al Guard Readiness	s Center
5. PROGRAM ELEMEN	IT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
			85390		
0505896A		17180	080295	Approp	15,000
12. SUPPLEM		<u> </u>			
A. EST1		d Design Data: (CONTING			
	(d)	Date Design Complete			OCT 2020
	(e)	Parametric Cost Estir			NO
	(f)	Type of Design Contra	act: Design-bid-b	ouild	
	(g)	An energy study and I	life cycle cost an	alysis will be	
		documented during the	e final design.		
(2)	Basi	.s:			
	(a)	Standard or Definitiv	ve Design: NO		
(3)	Tota	al Design Cost (c) = (a	a)+(b) OR (d)+(e):		(\$000)
, ,	(a)	Production of Plans			834
	(b)	All Other Design Cost			472
	(c)	Total Design Cost			1,306
	(d)	Contract			1,306
	(e)	In-house			
	(C)	III IIOUBC			
(1)	Conc	struction Contract Awai	rd		MAR 2021
(4)	COIIS	struction contract Awar	La		
()	0				7 DD 2021
(5)	Cons	struction Start			APR 2021
(-)	~				0000
(6)	Cons	struction Completion		• • • • • • • • • • • • • • • • • • • •	APR 2023
		associated with this	project which wil	l be provided fro	om
other app	ropri	ations:			
Earlanant			Droguering	Fiscal Year	Coat
Equipment Nomenclat			Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
F F & E			OMNG	2022	750
ESS (171R)		OPA	2022	54
Info Sys			OPA	2022	244
Info Sys			OMNG	2022	564
2			-	-	
				Total	1,612

1.	COMPONIENTE									
	COMPONENT		1	FY 2021 GU.	ARD AND RESERVE			2. DATE		
	ARNG			MILITARY CONSTRUCTION				FEBRUARY 2020		
3.	INSTALLATION AND LC	CATION						4. AREA CON	STRUCTION	
	Shelbyville			INS	SNO= 18D00			COST INI	EX	
	Indiana							1	10	
5	FREQUENCY AND TYPE	∩₽ IITTI 17\\	TT ON							
٥.	·-				bl 0 2 ±4	/				
	Administration 5 da	iys/week, w.	ıın z-day	training	assembly 2-3 ti	mes/month.				
6.	OTHER ACTIVE/GUARD/	RESERVE IN	STALLATIC	NS WITHIN	15 MILE RADIUS					
	ARNG Shelbyville	e, IN	0.	.00 miles .	Aviation Facili	ty 3,320	m2 (3	35,738 SF)	1971	
	ARNG Franklin, 1	IN	15.	.00 miles	Readiness Center	r 15,146	m2 (16	3,031 SF)	2011	
	ARNG Greenfield,	, IN	19.	.00 miles	Readiness Center	r 1,812	m2 (1	L9,500 SF)	1957	
	ARNG Edinburgh,	IN	23.	.00 miles	Readiness Center	r 8,247	m2 (8	38,770 SF)	1987	
	ARNG Columbus, I	IN	30.	.00 miles	Readiness Cente	r 1,862	m2 (2	20,042 SF)	1979	
	ARNG Indianapoli				Readiness Center	•		3,793 SF)	1977	
	That That and Pot					0,711	2 (3			
7.	PROJECTS REQUESTED	IN THIS PRO	OGRAM							
	CATEGORY						COST	DESIGN S	TATUS	
	CODE PROJECT	TITLE				SCOPE	(\$000)	START	CMPL	
	17180 NATIONAL	GUARD REAL	DINESS CE	NTER ADD/A	LT 4,899 m2	(52,728 SF)	12,000	JAN 2019	OCT 2020	
8.	STATE GUARD/RESERVE									
	FACILITIES IDENTIFI	ED IN ITEM	#6 HAVE	BEEN EXAMI	NED BY THE STAT	'E RESERVE FOR	CES	19 APR	2019	
	FACILITIES BOARD FO	OR POSSIBLE	JOINT US	E/EXPANSIC	ON. THE BOARD RE	COMMENDATIONS	ARE	(Da	ite)	
	UNILATERAL CONSTRUC	CTION.								
9	LAND ACQUISITION RE	EOIITRED								
•	None	2011122							0	
	NOTIC							(Number of	<u>-</u>	
10	. PROJECTS PLANNED I	IN NEXT FOU	R YEARS							
10	. PROJECTS PLANNED I	IN NEXT FOU	R YEARS						COST	
10			R YEARS			SCO				
10	CATEGORY		R YEARS			sco		,	COST	
10	CATEGORY		R YEARS			sco			COST	
10	CATEGORY CODE PROJECT TO NONE	ITLE							COST	
10	CATEGORY CODE PROJECT TO	ITLE) MODERNIZA	ATION (SRM):				COST	
10	CATEGORY CODE PROJECT TO NONE	ITLE WT, RESTORA	TION, AND			7,600	PE		COST (\$000)	
10	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN	ITLE NT, RESTORA: BEEN COMPLE	TION, AND			7,600	PE		COST (\$000)	
10	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E	ITLE NT, RESTORA: BEEN COMPLE	TION, AND			7,600	PE		COST (\$000)	
	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E	ITLE NT, RESTORA: BEEN COMPLE' INDICATED.	TION, AND			7,600	PE		COST (\$000)	
	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST	ITLE NT, RESTORA: BEEN COMPLE' INDICATED.	TION, AND			7,600	PE		COST (\$000)	
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	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH	ITLE NT, RESTORA BEEN COMPLE INDICATED. H AS OF 17 (TION, AND TED AND T OCT 2018 PERMANEN	THE SITE IS	S SUITABLE FOR C	7,600 CONSTRUCTION C	PE OF THE P	ROPOSED PRO SERVE CER ENLIS	COST (\$000)	
	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTE	ITLE NT, RESTORA BEEN COMPLETINDICATED. H AS OF 17 (TION, AND TED AND T OCT 2018 PERMANEN FICER F	THE SITE IS	S SUITABLE FOR C	7,600 CONSTRUCTION C	PE OF THE P	ROPOSED PROSERVE CER ENLIS 53	COST (\$000)	
	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED	TOTAL OF	TION, AND TED AND T OCT 2018 PERMANEN FICER 6	THE SITE IS TT ENLISTED 31	S SUITABLE FOR C	7,600 CONSTRUCTION	PE OF THE P	ROPOSED PROSERVE CER ENLIS 53	COST (\$000)	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED	TOTAL OF	TION, AND TED AND T OCT 2018 PERMANEN FICER 6	THE SITE IS TT ENLISTED 31	S SUITABLE FOR C	7,600 CONSTRUCTION	PE OF THE P	ROPOSED PROSERVE CER ENLIS 53	COST (\$000) DJECT AT TED 210	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL	TOTAL OF	TION, AND TED AND T OCT 2018 PERMANEN FICER 6	THE SITE IS TT ENLISTED 31	S SUITABLE FOR C	7,600 CONSTRUCTION	PE OF THE P	ROPOSED PROSERVE CER ENLIS 53	COST (\$000)	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL	TOTAL OF	TION, AND TED AND T OCT 2018 PERMANEN FICER 6	THE SITE IS TT ENLISTED 31	S SUITABLE FOR C	7,600 CONSTRUCTION	PE OF THE P JARD/RES OFFI	ROPOSED PROSERVE CER ENLIS 53 47	COST (\$000) DJECT AT TED 210 225	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA	ITLE NT, RESTORA' BEEN COMPLE' INDICATED. H AS OF 17 (TOTAL OF 37 46	TION, AND TED AND T OCT 2018 PERMANEN FICER E 6 13	TT ENLISTED 31 33	CIVILIAN 0	7,600 CONSTRUCTION	PE OF THE P JARD/RES OFFI	ROPOSED PRO SERVE CER ENLIS 53 47 STRENG	COST (\$000)	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMENT A SITE SURVEY HAS ESTHE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIA	NT, RESTORAL BEEN COMPLE' INDICATED. H AS OF 17 OF 37 46	TION, AND TED AND T OCT 2018 PERMANEN 6 13	THE SITE IS THE S	CIVILIAN 0 0 TPSN 03738	7,600 CONSTRUCTION	PE OF THE P JARD/RES OFFI	ROPOSED PROSERVE CER ENLIS 53 47 STRENG AUTHORIZED	COST (\$000)	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMENT A SITE SURVEY HAS ESTHE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIA TRP P (BN ASSAULT B)	TOTAL OF 37 46	TION, AND TED AND TO OCT 2018 PERMANEN FICER 6 13	THE SITE IS THE S	CIVILIAN 0 0 0 0 TPSN 03738 03738	7,600 CONSTRUCTION	PE OF THE P JARD/RES OFFI	EERVE CER ENLIS 53 47 STRENG AUTHORIZED 23 43	COST (\$000) DJECT AT TED 210 225 TH ACTUAL 24 43	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMENT A SITE SURVEY HAS ESTHE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIANT TRP P (BN ASSAULT EDET 1 TRP Q	TOTAL OF ATION SUPPOLES OF UH-60)) SAULT BN (UH-60))	TION, AND TED AND T OCT 2018 PERMANEN 6 13 RT B) H-60))	THE SITE IS TO STATE TO STATE THE SITE IS TO STATE THE SITE IS	CIVILIAN 0 0 0 0 TPSN 03738 03738 03738	7,600 CONSTRUCTION CO GU TOTAL 263 272 MTOE/TDA 63475KNG 01205KNG 01205KNG	PE SF THE P SIARD/RES OFFI 326 345	ROPOSED PRO SERVE CER ENLIS 53 47 STRENG AUTHORIZED 23 43 19	COST (\$000) DJECT AT TED 210 225 CTH ACTUAL 43 19	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMEN A SITE SURVEY HAS E THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIA TRP P (BN ASSAULT E DET 1 TRP Q (BN ASSAUCT E)	TOTAL OF ATION SUPPOLES IN (UH-60)) GAULT BN (UH-MULT	TION, AND TED AND T OCT 2018 PERMANEN 6 13 RT B) H-60)) -60))	TT ENLISTED 31 33 UIC WPJLB2 WV7QC0 WV7QD1 WV7QE1	CIVILIAN 0 0 0 TPSN 03738 03738 03738 03738	7,600 ONSTRUCTION C GU TOTAL 263 272 MTOE/TDA 63475KNG 01205KNG 01205KNG 01205KNG	PE DF THE P DARD/RES OFFI 2.26 2.45 2.45 2.45	ROPOSED PRO SERVE CER ENLIS 53 47 STRENG AUTHORIZED 23 43 19 13	COST (\$000) DJECT AT TED 210 225 ETH ACTUAL 43 19 13	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMENT A SITE SURVEY HAS BEEN THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIA TRP P (BN ASSAULT BEEN AVIA DET 1 TRP Q (BN ASSAULT BEEN AVIA	TOTAL OF ATION SUPPORT (UH-60)) SAULT BN (UH-60) LULT BN (UH-60)	TION, AND TED AND T OCT 2018 PERMANEN 6 13 RT B) H-60)) -60))	TT ENLISTED 31 33 UIC WPJLB2 WV7QC0 WV7QD1 WV7QE1 WV7QT1	CIVILIAN 0 0 0 TPSN 03738 03738 03738 03738 03738 03738	7,600 ONSTRUCTION C GU TOTAL 263 272 MTOE/TDA 63475KNG 01205KNG 01205KNG 01205KNG 01205KNG	PE JARD/RES OFFI 226 345 345 345	ROPOSED PRO SERVE CER ENLIS 53 47 STRENG AUTHORIZED 23 43 19 13 2	COST (\$000) DJECT AT TED 210 225 ETH ACTUAL 43 19 13 2	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMENT A SITE SURVEY HAS BEEN THE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIA TRP P (BN ASSAULT BEEN AVIA TRP P (BN ASSAULT BEEN AVIA TRP P (BN ASSAULT BEEN AVIA TRP DET 1 TRP Q (BN ASSAULT BEEN AVIA TRP DET 1 (BN ASSAULT BEEN AVIA TRP DET 1 (BN ASSAULT BEEN AVIA TRP Q (BN ASSAU	TOTAL OF ATION SUPPORT OF SAULT BN (UH-60) SAULT BN (UH-6	TION, AND TED AND T OCT 2018 PERMANEN 6 13 RT B) H-60)) -60))	TT ENLISTED 31 33 UIC WPJLB2 WV7QC0 WV7QD1 WV7QT1 WPJJE0	CIVILIAN 0 0 0 TPSN 03738 03738 03738 03738 20122	7,600 ONSTRUCTION C GU TOTAL 263 272 MTOE/TDA 63475KNG 01205KNG 01205KNG 01205KNG 01205KNG 01205KNG	PE JARD/RES OFFI 226 445 445 445 445	ROPOSED PRO SERVE CER ENLIS 53 47 STRENC AUTHORIZED 23 43 19 13 2 68	COST (\$000) DJECT AT TED 210 225 STH ACTUAL 43 19 13 2 70	
11	CATEGORY CODE PROJECT TO NONE DEFERRED SUSTAINMENT A SITE SURVEY HAS ESTHE ESTIMATED COST PERSONNEL STRENGTH AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION CO B DET 2 (BN AVIA TRP P (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1 TRP Q (BN ASSAULT EDET 1	TOTAL OF ATION SUPPOR BAULT BN (UH-60)) BAULT BN (UH-60)	TION, AND TED AND T OCT 2018 PERMANEN 6 13 RT B) H-60)) -60))	ENLISTED 31 33 UIC WPJLB2 WV7QC0 WV7QD1 WV7QE1 WV7QT1 WP1JE0 WP1JT0	CIVILIAN 0 0 0 TPSN 03738 03738 03738 03738 20122 20122	7,600 CONSTRUCTION CONSTRUCTIO	PE OF THE P VARD/RES OFFI 445 445 445 445 418	ROPOSED PRO SERVE CER ENLIS 53 47 STRENG AUTHORIZED 23 43 19 13 2 68 71	COST (\$000) DJECT AT TED 210 225 TH ACTUAL 43 19 13 2 70 71	
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COMPONENT	FY 2021 GUARD AND RESERVE	E	2. DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
INSTALLATION AND LO	CATION		4. AREA CONSTRUCTIO
Shelbyville	INSNO= 18D00		COST INDEX
Indiana			1.10
. MAJOR EQUIPMENT AND) AIRCRAFT		
TYPE		AUTHORIZED	ACTUAL
WHEELED		57	
TRAILERS		76	
TRACKED		0	
EQUIPMENT	20 EM	9	
· ·			
Fuel Truck		8	
HET		0	
TOTALS		150	150
OUTSTANDING POLLUT:	ON AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR POL	LUTION	0	
B. WATER P		0	
C. OCCUPAT	IONAL SAFETY AND HEALTH	0	

1. COMPONENT						2. DATE
	FY 2021 MILITARY	CONSTRUC'	TION PROJ	ECT D	ATA	
ARNG						FEBRUARY 2020
3. INSTALLATION AND LOCATION	NC		4. PROJECT T	TITLE		
Shelbyville			NIA DIT ONTA T	CITAD		
Indiana			NATIONAL	GUAR.	D KEADINESS	CENTER ADD/ALT
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER		8. PROJECT COST	(\$000)
		86	480			
0505896A	17180	18	0202		Approp	12,000

	9. COST EST	TIMATES		
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY				9,663
17180 Readiness Center Addition	m2 (SF)	1,157 (12,453)	2,705	(3,129)
17180 Readiness Center Alteration	m2 (SF)	3,742 (40,275)	1,631	(6,103)
85211 Rigid Pavement for MEP	m2 (SY)	11,141 (13,325)	21.68	(242)
Sustainability/Energy Measures	LS			(189)
SUPPORTING FACILITIES				1,379
Electric Service	LS			(50)
Water, Sewer, Gas	LS			(58)
Paving, Walks, Curbs And Gutters	LS			(858)
Storm Drainage	LS			(100)
Site Imp(97) Demo()	LS			(97)
Information Systems	LS			(5)
Antiterrorism Measures	LS			(201)
Detached Facility Sign	LS			(10)
ESTIMATED CONTRACT COST				11,042
CONTINGENCY (5.00%)				552
SUBTOTAL				11,594
SUPV, INSP & OVERHEAD (3.50%)				406
TOTAL REQUEST				12,000
TOTAL FEDERAL REQUEST				12,000
TOTAL FEDERAL REQUEST (ROUNDED)				12,000
INSTALLED EOT-OTHER APPROP				(1,670)

A specially designed addition and alteration on a 10. Description of Proposed Construction National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility: 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 42 U.S. Code 4154. 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. 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 12,587 SQFT. Disposal of 1 building at Bluffton Readiness Center, IN (Total 45 m2/480 SF), 1 building at Delphi Readiness Center, IN (Total 203 m2/2,190 SF), 1 building at Evansville Readiness Center, IN (Total 230 m2/2,479 SF), 1 building at Huntington Readiness Center, IN (Total 179 m2/1,932 SF), 2 buildings at Kokomo Readiness Center, IN (Total 38 m2/411 SF), 1 building at Marion (1938), IN (Total 21 m2/230 SF), and 1 building at Shelbyville Field Maint Shop, IN (Total 452 m2/4,865 SF). Air Conditioning (Estimated 598 kWr/170 Tons).

1. COMPONENT						2. DATE	
	FY 2021 MILITARY	CONSTRUC	rion proji	ECT D	ATA		
ARNG						FEBRUA	ARY 2020
3. INSTALLATION AND LOCAT	ION		4. PROJECT T	TITLE			
Shelbyville							
Indiana			NATIONAL	GUARI	D READINES	S CENTER	ADD/ALT
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER		8. PROJECT COS	ST (\$000)	
		86	480				
0505896A	17180	18	0202		Approp	12,000)
11 DEO 1 000 1	м) <u>у род</u> •	NO	NTE	CIID	כייים י	7/12 m2	

PROJECT: To construct a 12,453 SQFT addition and 40,275 SQFT alteration to a National Guard Readiness Center that supports training, administrative, and logistical requirements for the INARNG. This facility will be built on State land. (Current Mission) REQUIREMENT: The project is required to provide a facility with adequate space for administrative, training, and material storage areas for the assigned units; provide support to State functions such as natural disaster relief, and policing actions in the case of civil disturbance; and provide shelter during an emergency, or natural disaster. The project is required to conduct required Title 32 pre-mobilization mission essential administrative, training, logistical, and maintenance requirements. An addition to the current facility is the most efficient solution. Contributing factors include: The existing readiness center and AASF were constructed in 1971 and their age is having an impact on SRM costs; a shortfall of 117,341 authorized functional space in accordance with NG Pam Pam 415-12; the lack of a sprinkling system is a code violation; there is a shortfall of military and POV parking; and units must alternate their weekend training periods to alleviate the shortages and overcrowding. Maximum utilization of existing facilities has been achieved when operations are conducted with a functional space deficit of over 117,000 square feet, or 76.5% less of required space, by staggering weekend assemblies and using every available 47,505 square feet in the adjacent AASF. Alternatives were considered to move units to other nearby facilities. These alternatives were rejected as the aviation units have to be located with the AASF to conduct effective training, operations, administrative and maintenance activities. The project will be constructed on existing state land without any current plans to acquire additional acreage. Units assigned:

WV7QT1, Det 1 HHC 1st Bn 137th Avn, Shelbyville, IN.

WV7QC0, Co C 1st Bn 137th Avn, Shelbyville, IN.

WV7QD1, Det 1 Co D 1st Bn 137th Avn, Shelbyville, IN.

WV7QE1, Det 1 Co E 1st Bn 137th Avn, Shelbyville, IN.

WPJLB2, Det 2 Co B 638th Avn Bn, Shelbyville, IN.

WP1JEO, CO E (BN GEN SPT AVN BN (EC), Shelbyville, IN.

WP1JE1, HHC (BN GEN SPT AVN BN (EC), Shelbyville, IN.

WP7RC1, DET 1 CO C (BN AVN SECURITY AND S), Shelbyville, IN.

CURRENT SITUATION: This project is critical to the state of Indiana due to the current situation of Indiana is currently operating with a 66.6% square feet deficit at this facility. The current facility was constructed in 1971 and does not meet design criteria of NGB Pam 415-12. The mechanical systems are inefficient, outdated and not cost effective. The facility lacks required space in every functional area, and there is a health and safety issue as Soldiers and families are in an overcrowded facility without a fire sprinkler system.

The State of Indiana 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 Indiana.

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

1. COMPONENT					2. DATE
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Shelbyville					
Indiana			NATIONAL GUAR	D READINESS	CENTER ADD/ALT
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)
		86	480		
0505896A	17180	18	0202	Approp	12,000
CURRENT SITUATION: (CO	ONTINUED)				

The facility where the current operations are being conducted was constructed in 1971.

Catastrophic events are probable at this facility because aviation assets and personnel are High Value Targets and preventative safety measures are not in place due to the age of the facility. Furthermore, the risk of a major fire hazard is probable due to adjacency to the AASF. There are not adequate emergency egress routes and exits for the amount of personnel conducting operations here.

Preventative safety measures such as centralized fire suppression are not in place due to the age of the facility. Furthermore, the hallways and exits do not meet code for the amount of personnel assigned for emergency egress. This facility operates on a septic system and well water which frequently fails inspection due to exceeding design capacity.

Costs include maintaining and expanding the capacity of the septic system to meet building code and environmental regulations.

An alternative to the septic system costs is connecting to municipal water and sewer service.

Site Site Cat FACNO ISR-I Local F Q Code UID Code Year Rating Rating Name 18D00 7254 17180 00001 2018 04 C4 Shelbyville Readiness Center

Sewer/septic system frequently fails inspections and codes.

IMPACT IF NOT PROVIDED: If Indiana does not receive Congressional authorization and appropriation for the project the existing facility's age, and lack of adequate functional space will cause the unit's training and mobilization readiness proficiency to decline and degrade the Title 32 pre-mobilization preparedness for multiple units. The overcrowding will overburden building mechanical systems and the facility's useful design life. Without an upgrade to the facility the utility costs will continue to rise due to outdated equipment and materials. Soldiers, full-time employees and families will not have a facility in accordance with the mission statement of NGR 415-5.

ADDITIONAL: Sustainable principles, to include life cycle cost effective practices,

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

1. COMPONENT						2. DATE
		FY 2021 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG						FEBRUARY 2020
3. INSTALLATION AN	D LOCATION			4. PROJECT TITLE		
Shelbyville						
Indiana				NATIONAL GUAR	D READINESS	CENTER ADD/ALT
5. PROGRAM ELEMENT	,	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
			86	480		
0505896A		17180	1	0202	Approp	12,000
ADDITIONAL: (•			
description o	f constr	uction and cost esti	mate.			
ECONOMIC ANAL	YSIS: Al	ternative methods of	meeting	this requirem	nent have be	en explored
		pment. This project				_
requirement.	•			-	_	
_						
JOINT USE CER	TIFICATI	ON: The Deputy Assis	tant Sec	retary of the	Army (Insta	allation and
Housing) cert	ifies th	at this project has	been con	sidered for jo	int use pot	ential. The
		lable for use by oth				
_						
12. SUPPLEME	NTAL DAT	A:				
A. Estin	nated Des	sign Data:				
(1)	Status:					
, ,	(a) Des	sign Start Date				JAN 2019
		cent Complete as of				65
		te 35% Designed				JUN 2019
	(d) Dat	te Design Complete				OCT 2020
	(e) Par	ametric Cost Estimat	ing Used	l to Develop Co	osts	NO
	(f) Typ	e of Design Contract	: Desid	n-bid-build		
		energy study and life			will be	
	_		_	_	WIII DC	
	aoc	cumented during the i	Linai des	sign.		
(2)	Basis:					
	(a) Sta	andard or Definitive	Design:	NO		
(3)	Total De	esign Cost (c) = (a)-	+(b) OR (d)+(e):		(\$000)
(3)		oduction of Plans and				660
		Other Design Costs				374
	(c) Tot	al Design Cost				1,034
	(d) Con	ntract				1,034
	(e) In-	house				0
(1)	Conatrua	stion Contract Award				MAD 2021
(4)	Construc	ction Contract Award				MAR 2021
(5)	Construc	ction Start				JUN 2021

1. COMPONENT				2. DATE
1. COMPONENT	FY 2021 MILTY	ARY CONSTRUCTION PRO).TF/Cጥ ከΔጥΔ	Z. DATE
ARNG	r i zozi militi	ART CONSTRUCTION TRO	OLCI DAIA	FEBRUARY 2020
3. INSTALLATION AND LO	CATION	4. PROJECT	T TITLE	12211011111 2020
Shelbyville				
Indiana		NATIONA	L GUARD READINES	S CENTER ADD/ALT
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)
0505896A	17180	86480 180202	Approp	12,000
12. SUPPLEMENTA	L DATA (CONTINUED)	_	-	
A. Estimate	d Design Data: (CONT	INUED)		
(6) Con	struction Completion			JUN 2023
B. Equipmen other appropr	t associated with the	is project which wil	l be provided fro	om
	10.010112		Fiscal Year	
Equipment Nomenclature		Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
F F & E		OMNG	2022	600
ESS (171R)		OPA	2022	55
Info Sys - IS	C	OPA	2022	577
Info Sys - PR	OP	OMNG	2022	438
			Total	1,670
I				

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_							1-	
1.	COMPONENT			FY 2021 GUARD			2. DATE	
	ARNG			MILITARY CO	NSTRUCTION		FEBR	UARY 2020
3.	INSTALLATION AND I	LOCATION					4. AREA	CONSTRUCTION
	Frankfort			INSNO=	= 21A85		COST	INDEX
	Kentucky							.87
5.	FREQUENCY AND TYPE	OF UTILI	ZATION					
	Administration 5 d	days/week,	with 2-d	ay training ass	sembly 2-3 ti	mes/month.		
6.	OTHER ACTIVE/GUARI)/RESERVE						
	ANG Shelbyvil	•				833 m2		
	ANG Lexington	, KY	2	5.00 miles Rea	diness Center	2,581 m2	(27,782 S	F) 1971
	ANG Armory 1	- Frankfor	:t	1.00 miles Rea	diness Center	3,345 m2	(36,000 S	F) 1976
7.	PROJECTS REQUESTED	O IN THIS	PROGRAM					
	CATEGORY					COST	DEST	GN STATUS
	CODE PROJECT	י חידייד בי				SCOPE (\$000		CMPL
			acabira cai	NULD DITT DING				
	17142 NATIONA	L GUARD/RI	SERVE CEI	NIER BUILDING	5,920 1112	(63,726 SF) 15,00	0 001 201	9 001 2020
8.	STATE GUARD/RESERV	/E FORCES	FACILITIE	S BOARD RECOMME	ENDATION			
	FACILITIES IDENTIF	FIED IN IT	EM #6 HAV	E BEEN EXAMINED	BY THE STAT	E RESERVE FORCES	12	MAR 2019
	FACILITIES BOARD F	FOR POSSIB	LE JOINT	USE/EXPANSION.	THE BOARD RE	COMMENDATIONS ARE		(Date)
	JOINT CONSTRUCTION	J.						
0	LAND ACQUISITION F	DECLITOED						
٠.	None	CEQUICED						0
	Notice						/Number	of acres)
							(Number	OI acres/
10	. PROJECTS PLANNED	IN NEXT F	OUR YEARS					
	CATEGORY							COST
	CODE _ PROJECT '	TITLE				SCOPE		(\$000)
	NONE							
	DEFERRED SUSTAINME	ריים מי ייינים	ת זארות מ	ND MODEDNITZATIC	ONT (CDM).	15 000		
	DEFERRED SUSTAINME	ENI, KESIO	RATION, A	ND MODERNIZATIO	M (SKM).	13,000		
	A SITE SURVEY HAS	BEEN COMP	LETED AND	THE SITE IS SU	JITABLE FOR C	ONSTRUCTION OF TH	E PROPOSED	PROJECT AT
	THE ESTIMATED COST	T INDICATE	D.					
11	. PERSONNEL STRENGT	TH AS OF 1	7 OCT 201	.8				
			PERMAN	ENT		GUARD/	RESERVE	
		TOTAL	OFFICER	ENLISTED CIV	/ILIAN	TOTAL OF	FICER EN	NLISTED
	AUTHORIZED	108	45	63	0	217	109	108
	ACTUAL	29	2	20	7	185	99	86
12	. RESERVE UNIT DATA	A						
							ST	RENGTH
	UNIT DESIGNATION			UIC	TPSN	MTOE/TDA	AUTHORIZ	
		1∪-KA)		W8A2AA		NGW8A2AA		L94 162
						1.001121111	-	22 22
	(HQ ARNG ELMT, JF	ig ki,		$W \setminus V \cup V \cup V \cup V \cup V \cup V \cup V \cup V \cup V \cup V$				۷۵ ۵۷
	(HQ ARNG ELMT, JFF			WANG01		MCMOODAA		2 2
	(HQ ARNG ELMT, JF			WANGUI W929AA		NGW929AA		3 3
	(HQ ARNG ELMT, JFF					NGW929AA		$\frac{3}{219}$ $\frac{3}{187}$
	(HQ ARNG ELMT, JFF							219 187
	(HQ ARNG ELMT, JFF							219 187
	(HQ ARNG ELMT, JFF							219 187
	(HQ ARNG ELMT, JFF							219 187
	(HQ ARNG ELMT, JFF							219 187
	(HQ ARNG ELMT, JFF							219 187
	(HQ ARNG ELMT, JFF							219 187

MILITARY CONSTRUCTION STALLATION AND LOCATION WHEFORT INSING 21A85 COST INDEX LUCKY LUCKY TYPE WHEELED WHEELED TRAILERS 29 TRAILERS 29 TRAILERS 29 TRAILERS 10 EQUIPMENT > 30 FT Fuel Truck HEF TOTALS TOTALS TSTANDING POLLUTION AND SAFETY DEFICIENCIES A. AIR POLLUTION B. WATER POLLUTION C. OCCUPATIONAL SAFETY AND HEALTH O A. ARE POLLUTION C. OCCUPATIONAL SAFETY AND HEALTH A. ARE POLLUTION C. OCCUPATIONAL SAFETY AND HEALTH	RUCT
ANKFORT INSNO= 21885 ANTON EQUIPMENT AND AIRCRAFT TYPE WHEELED WHEELED TRACKED EQUIPMENT > 30 FT Fuel Truck HET TOTALS TOTALS WISTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION B. WATER POLLUTION TOTALS COST INDEX AUTHORIZED A AUTHORIZED A AUTHORIZED A (\$000) A. AIR POLLUTION 0 (\$000) 187 A. AIR POLLUTION 0 187 AUTHORIZED A AUTHORIZED A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A A AUTHORIZED A A A AUTHORIZED A A A A AUTHORIZED A A A A A A A A A A A A A	, ACTU.
ANKFORT INSNO= 21885 ANTON EQUIPMENT AND AIRCRAFT TYPE WHEELED WHEELED TRACKED EQUIPMENT > 30 FT Fuel Truck HET TOTALS TOTALS WISTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION B. WATER POLLUTION TOTALS COST INDEX AUTHORIZED A AUTHORIZED A AUTHORIZED A (\$000) A. AIR POLLUTION 0 (\$000) 187 A. AIR POLLUTION 0 187 AUTHORIZED A AUTHORIZED A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A AUTHORIZED A A A AUTHORIZED A A A AUTHORIZED A A A A AUTHORIZED A A A A A A A A A A A A A	, ACTU.
Ankfort	ACTU.
AJOR EQUIPMENT AND AIRCRAFT	ACTU.
AJOR EQUIPMENT AND AIRCRAFT TYPE WHEELED 90 TRAILERS 29 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 119 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION	ACTU.
TYPE AUTHORIZED AC WHEELED 90 90 TRAILERS 29 90 TRACKED 0 0 EQUIPMENT > 30 FT 0 0 Fuel Truck 0 0 HET 0 0 TOTALS 119 0 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) 0 A. AIR POLLUTION 0 0 B. WATER POLLUTION 0 0	
WHEELED 90 TRAILERS 29 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 119 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	
TRAILERS 29 TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 119 DISTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	
TRACKED 0 EQUIPMENT > 30 FT 0 Fuel Truck 0 HET 0 TOTALS 119 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	
EQUIPMENT > 30 FT 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Fuel Truck 0 HET 0 TOTALS 119 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	
HET 0 119 TOTALS 119 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	
TOTALS 119 UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION 0 B. WATER POLLUTION 0	
UTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) A. AIR POLLUTION B. WATER POLLUTION 0	
A. AIR POLLUTION 0 B. WATER POLLUTION 0	1
A. AIR POLLUTION 0 B. WATER POLLUTION 0	
A. AIR POLLUTION 0 B. WATER POLLUTION 0	
B. WATER POLLUTION 0	
C. OCCUPATIONAL SAFETY AND HEALTH 0	

1. COMPONENT						2. DA	ATE
	FY 2021 MILITA	ARY (CONSTR	RUCTION PROJECT	DATA		
ARNG						FE	BRUARY 2020
3. INSTALLATION AND LOCATI	ON			4. PROJECT TITL	E		
Frankfort							
Kentucky				NATIONAL GU			
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT NUMBER	8. PROJE	CT COST (\$00	00)
				85431			
0505896A	17142			210054	Approp	15	,000
		9. 0	COST EST	'IMATES			
rı	EM	UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY							13,662
17180 Readiness Cer	nter	m2	(SF)	5,910 (63,616)	2,174	(12,850)
44240 Flammable Mat	erials Facility	m2	(SF)	10.22 (110)	1,397	(14)
81160 Backup/Emerge	ency Generator	EA		1		150,000	(150)
81122 Electrical Po	wer, Photovoltaic	EA		1		125,000	(125)
82187 Heating Plant	, Geothermal	EA		1		254,500	(255)
Sustainabilit	y/Energy Measures	LS					(268)
SUPPORTING FACILITI	ES						1,257
Electric Service		LS					(50)
Water, Sewer, Gas		LS					(65)
Paving, Walks, Curk	s And Gutters	LS					(294)
Storm Drainage		LS					(153)
Site Imp(410) Demo()	LS					(410)
Information Systems	3	LS					(26)
Antiterrorism Measu	ıres	LS					(143)
Other		LS					(116)
ESTIMATED CONTRACT	COST						14,919
CONTINGENCY (5.00%)							746
SUBTOTAL							15,665
SUPV, INSP & OVERHE	AD (3.52%)						551

A specially designed National Guard/Reserve Center 10. Description of Proposed Construction Building (NG/RCB) of permanent construction. The NG/RCB facility includes the following items that are integral to the facility; Emergency Backup Generator, Flammable Materials Facility, Heating Plant, Solar and Heating Plant, Geothermal. This project will include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 42 U.S. Code 4154. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2017. Access for individuals with disabilities will be 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 1SQFT disposal policy by disposing of 72,014 SQFT. Disposal of 8 buildings at Boone Readiness Center, KY (Total 2,833 m2/30,496 SF), and 1 building at Louisville Readiness Center, KY (Total 3,857 m2/41,518 SF). Air Conditioning (Estimated 749 kWr/213 Tons).

11. REQ: 5,920 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 63,726 SQFT National Guard/Reserve Center Building that supports training, administrative, and logistical requirements for the KYARNG. This

TOTAL REQUEST

Other DoD Component Share

INSTALLED EQT-OTHER APPROP

TOTAL FEDERAL REQUEST

Other Non-DoD Component Share

TOTAL FEDERAL REQUEST (ROUNDED)

16,216

15,000

15,000

(1,733)

1,016

1. COMPONENT					2. DATE
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT I	DATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Frankfort Kentucky			NATIONAL GUAR	D/RESERVE C	ENTER BUILDING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)
0505896A	17142		431 0054	Approp	15,000

facility will be built on State Land. (Current Mission)

This new facility will support Joint Forces Headquarters (JFHQ) Command Group, J-2, J-3, Joint Operations Center (JOC), and the Air National Guard Staff sections unit W8A2AA. Currently the JFHQ is housed in the State's Emergency Operations Center (EOC). The existing EOC supports all Command and Control Functions at Boone Center and inadequately supports the JFHQ mission requirements. A new JFHQ is required to provide all the full time/ part-time admin support for the Kentucky National Guard. The JFHQ currently has each Section/Directorate housed in separate facilities constructed in the 1960's and 1970's and are spread across all of the installation; this condition undermines necessary Command and Control. A new facility that houses command group together with each directorate will eliminate this issue. Older and inefficient facilities are replaced with modern high performing facilities that operate at a reduced utility cost and comply with EO 13514. Additionally, returning the EOC to the Department of Emergency Management enables the State to consolidate its Emergency Management operation. A new JFHQ and consolidated State EOC coupled with the KYARNG's Army Aviation assets provide an enhanced crisis response capability for both state and federal missions.

CURRENT SITUATION: This project is critical to the state of Kentucky due to the current situation of the existing Emergency Operations Center (EOC), constructed in 1973, houses the JFHQ Command Section, the J-3, the Administrative Services Division of the Department of Military Affairs, and the Air National Guard Sections of the JFHQ. The JFHQ currently has each Section/Directorate housed in separate facilities constructed in the 1960's and 1970's and are spread all throughout the Boone Center installation. This condition undermines the necessary Command and Control. The existing conditions do not meet mission requirements due to the lack of administrative space. These facilities are old and inefficient requiring higher operating and maintenance cost. The current Boone Center Master Plan has identified the need for consolidation of the facilities.

The State of Kentucky 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 Kentucky.

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

The facility where the current operations are being conducted was constructed in 1974.

Site Site Cat FACNO ISR-I F Q C Local
Code UID Code Year Rating Rating Name
17142 C4 No facility

IMPACT IF NOT PROVIDED: If this project is not provided, Unit Readiness will continue to suffer due to the delays imposed by having elements of the JFHQ in separate buildings. In particular KYANG staff are at present 45 miles away in Louisville, KY. If this project is not provided 0 & M costs will continue to be high due to the excessive age, 45 years, of the current accommodation. If this project is not provided OPTEMPO costs will remain high due to the splintered nature of the existing accommodation. If this project is not

1. COMPONENT	1					2. DATE
I. COMPONENT		FY 2021 MILITARY (CONCUDITO	TTON DDOTECT	י האתיא	Z. DAIE
ARNG		ri 2021 MIDITARI (CONSTRUC	IION PRODECI	DATA	FEBRUARY 2020
3. INSTALLATION AND LO	CATION			4. PROJECT TITL	E	PEDROAKI 2020
Frankfort						
Kentucky				NATIONAL GU	ARD/RESERVE (CENTER BUILDING
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT		8. PROJECT COS	
			85	431		
0505896A		17142		0054	Approp	15,000
IMPACT IF NOT PR	ROVIDE	D: (CONTINUED)				·
provided Life Saproject is not project is not project is not punimpressive nat leasing will not is not provided project, existing remain at the cucontinue to remain at the cucontinue to remain at the guidate of the complying with a security plan, a security pla	afety provide provide cure of the acceptance of	will remain at the led Equipment Mainten ed Retention will be f the existing build ffected as the curre OV Parking will not king being sufficien level. If this projdersized and disloca able principles, to to the design, develetailed in the Army able laws and execut is project has been lephysical security ROTECTION: This projisk and threat analy	ance will affected ing intent accombe affect. If the ect is noted from include opment a Sustainative order coordinates measures ect has rese have	l remain in d by being of rior. If this modation is ted as the pis project is ot provided the persons life cycle of nd construct ble Design ars. ted with the are included been coordinate persons.	its current depressed due is project is not leased. Parking is not provide Organization nel. Cost effective ion of the pand Development of the pand de	state. If this to the not provided If this project of part of this led ATFP will hal Storage will re practices, project and will on physical he installation dance with DA
the minimum star Antiterrorism St description of o ECONOMIC ANALYSI during project of	ndards andar constr IS: Al	53-1, respectively. as required by UFC ds for Buildings) ar uction and cost esti ternative methods of pment. This project	4-010-01 re needed mate.	(Department . These require this require	t of Defense uirements are	Minimum included in the een explored
requirement.						
Housing) certif	les th	ON: The Deputy Assis at this project has lable for use by oth	been con	sidered for	_	
A. Estimat (1) St (a) (b)	ed Des atus:) Des					OCT 2019 65
(c) Dat	te 35% Designed	. .			DEC 2019
()) Dat	e Design Complete				ОСТ 2020

1. COMPONENT				2. DATE	
	FY 2021 MILITARY	CONSTRUCTION PRO	JECT DATA		
ARNG 3. INSTALLATION AND LO	CATION	4. PROJECT	4. PROJECT TITLE		
Frankfort					
Kentucky		NATIONA	L GUARD/RESERVE (CENTER BUILDING	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)	
0505896A	17142	85431 210054	Approp	15,000	
12. SUPPLEMENTA	· ,				
	ed Design Data: (CONTINUE)	•	_		
(e)	•			NO	
(f)	, 11				
(g)) An energy study and li:	fe cycle cost and	alysis will be		
	documented during the	final design.			
(2) Bas	sis:				
(a)) Standard or Definitive	Design: NO			
(3) Tot	tal Design Cost (c) = (a)	+(b) OR (d)+(e):		(\$000)	
(a)) Production of Plans and	d Specifications		896	
(b)) All Other Design Costs			508	
(c)) Total Design Cost			1,404	
(d)) Contract			1,404	
(e)) In-house			0	
(4) Con	nstruction Contract Award			MAR 2021	
(5) Cor	nstruction Start			APR 2021	
(6) Cor	nstruction Completion			APR 2023	
B. Equipmen	nt associated with this partiations:	roject which will	l be provided fro	om	
«FF-0P			Fiscal Year		
Equipment		Procuring	Appropriated	Cost	
Nomenclature	:	Appropriation	Or Requested	(\$000)	
FF&E		OMNG	2022	750	
ESS (171R)		OPA	2022	56	
Info Sys - IS		OPA	2022	441	
Info Sys - PI	KUP	OMNG	2022	486	
			Total	1,733	
			-	-,	

1. 0	COMPONENT		FY 2021 GUA	RD AND RESERVE		2. DATE	
I	ARNG		MILITARY	CONSTRUCTION		FEBRUAF	RY 2020
3. 1	INSTALLATION AND L	OCATION				4. AREA CO	ONSTRUCTION
E	Brandon		INSN	NO= 28016		COST IN	IDEX
M	Mississippi						.84
5 5	FREQUENCY AND TYPE	. OE HTTI.TZATION	J				
				111/	TDE 11		
Iv	Maintenance operat	lons rull time	5 days/week and	1 weekend/month fo	or IDT Units.		
6. 0	OTHER ACTIVE/GUARD	/RESERVE INSTAI	LATIONS WITHIN 1	5 MILE RADIUS			
				eadiness Center	1 205 2	(1E 001 GE)	1071
	,						
	ARNG Flowood, N			SPFO Office	8,065 m2		
P	ANG Flowood, N	1S	10.00 miles A	viation Facility	18,581 m2 (200,000 SF)	1969
7 -		TN MILE DDOGD	NM.				
	PROJECTS REQUESTED	IN THIS PROGRA	₹IAI				
	CATEGORY <u>PROJECT</u>				COST	DESIGN	STATUS
	CODE NATIONAL	L GUARD VEHICLE		SCOPE	(\$000)	START	CMPL
2	21.407	ANCE SHOP		(37,309 SF)	10,400	JUN 2019	SEP 2020
8. 5	STATE GUARD/RESERV	E FORCES FACILI	ITIES BOARD RECOM	MENDATION			
F	FACILITIES IDENTIF	'IED IN ITEM #6	HAVE BEEN EXAMIN	IED BY THE STATE RI	ESERVE FORCES	13 JU	JN 2019
F	FACILITIES BOARD F	OR POSSIBLE JOI	INT USE/EXPANSION	I. THE BOARD RECOM	MENDATIONS ARE	([Date)
τ	UNILATERAL CONSTRU	CTION.					
9. I	LAND ACQUISITION R	EQUIRED					
N	None						0
						(Number of	acres)
10.	PROJECTS PLANNED	IN NEXT FOUR YE	EARS				
C	CATEGORY						COST
	CODE PROJECT T	TITLE			SCOPE		(\$000)
_							(4000)
	NONE DEFERRED SUSTAINME	NT, RESTORATION	N, AND MODERNIZAT	TION (SRM):	0		
I A	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPLETED	AND THE SITE IS	TION (SRM): SUITABLE FOR CONS		PROPOSED PR	ROJECT AT
I A	DEFERRED SUSTAINME	BEEN COMPLETED	AND THE SITE IS			PROPOSED PR	ROJECT AT
I A	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPLETED INDICATED. THAS OF 04 DEC	AND THE SITE IS		TRUCTION OF THE		ROJECT AT
I A	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPLETED INDICATED. THAS OF 04 DEC	AND THE SITE IS				ROJECT AT
I A	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPLETED INDICATED. THAS OF 04 DEC	AND THE SITE IS 2018 RMANENT		TRUCTION OF THE	ESERVE	ROJECT AT
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COMPLETED INDICATED. THAS OF 04 DEC	AND THE SITE IS 2018 RMANENT	SUITABLE FOR CONS	TRUCTION OF THE	ESERVE	
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	BEEN COMPLETED INDICATED. THAS OF 04 DEC PER TOTAL OFFICE	AND THE SITE IS 2018 RMANENT ER ENLISTED C	SUITABLE FOR CONST	GUARD/R	ESERVE FICER ENLI	STED
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	BEEN COMPLETED INDICATED. THAS OF 04 DEC PER TOTAL OFFICE 22	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0	SUITABLE FOR CONST	GUARD/R TOTAL OF	ESERVE FICER ENLI	STED 0
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL	BEEN COMPLETED INDICATED. HAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0	SUITABLE FOR CONST	GUARD/R TOTAL OF	ESERVE FICER ENLI	STED 0
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT	BEEN COMPLETED INDICATED. HAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0	SUITABLE FOR CONST	GUARD/R TOTAL OF	ESERVE FICER ENLI 0 0	STED 0 0
11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL	BEEN COMPLETED INDICATED. HAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0	SUITABLE FOR CONST	GUARD/R TOTAL OF	ESERVE FICER ENLI	STED 0 0
11. F	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL	BEEN COMPLETED INDICATED. HAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0	SUITABLE FOR CONST	GUARD/R TOTAL OF	ESERVE FICER ENLI 0 0	STED 0 0
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PER TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED CO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0	ESERVE FICER ENLI 0 0 STREN	STED 0 0 NGTH ACTUAL
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PER TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 0	ESERVE FICER ENLI 0 0 STREN	STED 0 0 NGTH ACTUAL 0
11	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PER TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 0	ESERVE FICER ENLI 0 0 STREM	STED 0 0 NGTH ACTUAL 0
111.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PER TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OF 0 0 0 MTOE/TDA NGW8SHAA	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 0	STED
111.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PER TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OF 0 0 0 MTOE/TDA NGW8SHAA	ESERVE FICER ENLI 0 0 STREM	STED
11. 11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OF 0 0 0 MTOE/TDA NGW8SHAA	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 0	STED
11. 11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA MAJOR EQUIPMENT A	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OF 0 0 MTOE/TDA NGW8SHAA Assi	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 0 gned/Authori	STED
11. 11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA MAJOR EQUIPMENT A TYPE	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 MTOE/TDA NGW8SHAA Assign	ESERVE FICER ENLI 0 0 STREM AUTHORIZED 0 gned/Authori	STED
11. 11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OF 0 0 MTOE/TDA NGW8SHAA Assi	ESERVE FICER ENLI 0 0 STREM AUTHORIZED 0 gned/Authori ED 31	STED
11. 11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA MAJOR EQUIPMENT A TYPE	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OF 0 0 MTOE/TDA NGW8SHAA Assi	ESERVE FICER ENLI 0 0 STREM AUTHORIZED 0 gned/Authori	STED
11. 11.	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 MTOE/TDA NGW8SHAA ASSI: AUTHORIZ 8 3	ESERVE FICER ENLI 0 0 STREM AUTHORIZED 0 gned/Authori ED 31	STED
11. 11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA JUNIT DESIGNATION EQP MS ARNG FLD MA MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED	BEEN COMPLETED INDICATED. THAS OF 04 DEC PEF TOTAL OFFICE 22 38	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 MTOE/TDA NGW8SHAA ASSI: AUTHORIZ 8 3	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 gned/Authori ED 31	STED 0 0 0
11. 11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED TRAILERS TRACKED EQUIPMENT	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PEF TOTAL OFFICE 38 AND AIRCRAFT T > 30 FT	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 MTOE/TDA NGW8SHAA Assi:	ESERVE FICER ENLI 0 0 0 STREM AUTHORIZED 0 0 gned/Authori ED 31 33 14	STED
11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PEF TOTAL OFFICE 38 AND AIRCRAFT T > 30 FT	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 MTOE/TDA NGW8SHAA Assi:	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 0 gned/Authori ED 31 33 14 17 11	STED
11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL TRUCK HET	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PEF TOTAL OFFICE 38 AND AIRCRAFT T > 30 FT	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 0 MTOE/TDA NGW8SHAA ASSI:	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 gned/Authori ED 31 33 14 17 11 0	STED
11.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL Truck	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PEF TOTAL OFFICE 38 AND AIRCRAFT T > 30 FT	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 MTOE/TDA NGW8SHAA Assi:	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 gned/Authori ED 31 33 14 17 11 0	STED
11. 11. L.	A SITE SURVEY HAS THE ESTIMATED COST PERSONNEL STRENGT AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION EQP MS ARNG FLD MA TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL TRUCK HET	BEEN COMPLETED INDICATED. TH AS OF 04 DEC PEF TOTAL OFFICE 38 AND AIRCRAFT T > 30 FT	AND THE SITE IS 2018 RMANENT ER ENLISTED O 0 0 0 UIC	SUITABLE FOR CONST	GUARD/R TOTAL OFI 0 0 0 MTOE/TDA NGW8SHAA ASSI:	ESERVE FICER ENLI 0 0 STREN AUTHORIZED 0 gned/Authori ED 31 33 14 17 11 0	STED

1.	COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE	
	ARNG	MILITARY CONSTRUCTION		FEBRUA	RY 2020
3.	INSTALLATION AND I	JOCATION	4.	AREA C	ONSTRUCTION
	Brandon	INSNO= 28016		COST I	
	Mississippi				.84
		TION AND SAFETY DEFICIENCIES			
		(\$000)		
	A. AIR PO)		
)		
		ATIONAL SAFETY AND HEALTH			

1. COMPONENT							2. DA	ATE
		FY 2021 MILITA	RY (CONSTR	UCTION PROJE	CT DATA		
ARNG							FE	BRUARY 2020
3. INSTALLATION AND LO	CATION				4. PROJECT TI	TLE		
Brandon								
Mississippi					NATIONAL (GUARD VEHI	CLE MAINT	TENANCE SHOP
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJ	ECT NUMBER	8. PROJE	CT COST (\$00	00)
					85452			
0505896A		21407			280381	Approp	10	,400
			9. (COST EST	IMATES			
	ITEM		UM	(M/E)	QUANTI	TY	UNIT COST	COST(\$000)
PRIMARY FACILITY								7,775
21407 Maintenanc	e Shor	p	m2	(SF)	3,333 (35,879)	2,045	(6,817)
21470 Bulk POL S	torage	9	m2	(SF)	40.88 (440)	1,076	(44)
44240 Flammable	Mater:	ials Facility	m2	(SF)	61.32 (660)	1,076	(66)
44228 Controlled			m2	(SF)	30.66 (330)	1,076	(33)
85210 Rigid Pave			m2	(SY)	5,581 (6,675)	119.60	(668)
Sustainabi	lity/I	Energy Measures	LS			_		(147)
SUPPORTING FACIL								1,857
Electric Service			LS			_		(48)
Water, Sewer, Ga	S		LS			_		(162)
Paving, Walks, C		And Gutters	LS			_		(951)
Storm Drainage			LS			_		(50)
Site Imp(225) De	mo()		LS			_		(225)
Information Syst			LS			_		(13)
Antiterrorism Me		S	LS			_		(166)
Other	0.00.01	_	LS			_		(242)
0 01101								(===7
ESTIMATED CONTRA	CT COS	ST						9,632
CONTINGENCY (5.0		-						482
SUBTOTAL	,							10,114
SUPV, INSP & OVE	RHEAD	(3.46%)						350
TOTAL REQUEST		(3.133)						10,464
TOTAL FEDERAL RE	OHEST							10,464
TOTAL FEDERAL RE		(ROUNDED)						10,400
INSTALLED EQT-OT								(1,608)
10. Description of Pro			ial	lv des	L Signed Nation	al Guard F	l Pacility	
		struction. The Na						
		are integral to t						
		aste Facility, Fl						
		e interior design						
		stry Standards as						
		.S. Code 4154. Co						
_		fire detection an						
_		ng areas and site						
		ars in accordance						
		ciencies, buildin						
		A(IE&E) Sustainab						
		s with disabiliti						
		oD Minimum Antite						
		oly with the Army						
_		FT. Disposal of 3 onditioning (Esti					mb (10ta	1 3,007
m2/30,023 DF).	AII C	ondicioning (ESCI	ınat	cu 13'	· VMT\20 IOIIS	<i>'</i> •		
11. REQ: 3,46	6 m2	ADQT:			NONE	SUBSTD:		NONE
		a 37,309 sq ft Na	tio	nal G			ce Shop ti	
		nd support mainte						

1. COMPONENT					2. DATE	
	FY 2021 MILITARY (CONSTRUCT	CION PROJEC	CT DATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TI	TLE		
Brandon Mississippi			NATIONAL G	GUARD VEHICLE M	IAINTENANCE	SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)	
0505896A	21407		452 0381	Approp	10,400	

This facility will be built on state land. (Current Mission)

REQUIREMENT: The facility is required to maintain and provide efficient maintenance support at the organizational level for MSARNG vehicles with limited direct support for peacetime training and ensure the equipment is prepared for mobilization.

This shop supports 31 separate units.

The present operation is housed in a leased facility and no other facilities are available to support this mission.

CURRENT SITUATION: This project is critical to the state of Mississippi due to the current situation of The FMS is currently located in a commercially leased facility. The commercial lease was negotiated to expire in April 2021. Lease can be renewed for an additional 2 terms, then the state will need a new facility in order to conduct business. The State currently only has 33% of authorized maintenance space. Present location is a 4 Bay shop on 5 acres of land with no room for expansion. The facility doesn't have adequate storage space for parts and tools. It does not have adequate latrine and locker rooms. The admin space is lacking to meet the current criteria. This commercially leased facility does not meet current ATFP requirements. The commercially leased facility is a metal building on a concrete slab with no overhead crane.

The State of Mississippi 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 Mississippi.

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

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

The present facility is leased. The facility was designed for automotive use and is not conducive to the maintenance of tactical vehicles. It is highly likely that a major event may happen due to the nature of tactical vehicle maintenance. The shop has no floor drains and has no secondary containment in the event of a spill. The compound is approximately 5 acres and has no room for expansion making the vehicle maneuvering difficult at best.

The ATFP requirements have not been met at the current leased facility. Adequate safety measures are non existent with the exception of a portable spill kit in the event of a large spill.

The lease on this facility is \$18,887.00 per month. At the end of the lease in May 2020, the total cost of the lease is \$1,133,220.00, which does not include utilities and routine maintenance costs.

Site Site Cat FACNO ISR-I F C Rating Rating Name Code UID Code Year 28016 192376 21407 FMS09 F404 C4 No Facility (leased)

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUCT	TION PROJECT	DATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Brandon						
Mississippi			NATIONAL GUA	RD VEHICLE M	IAINTENANCE	SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)	
		85	452			
0505896A	21407	28	0381	Approp	10,400	
CURRENT SITUATION: (C	ONTINUED)			•		

This facility does not meet current ATFP criteria. The Fencing is not substantial enough to comply with current UFC. The facility size is one third of the required facility by NGB Pam 415-12. The admin, locker room space, and latrines are also in adequate for the number of mechanics at the shop. Adequate safety measures are non existent with the exception of a portable spill kit in the event of a large spill.

Current lease expires in 2020.

IMPACT IF NOT PROVIDED: If this project is not provided, continued lack of adequate space in the present facility will reduce maintenance efficiency. Training and mobilization readiness standards will continue to decline. The facilities will continue to negatively impact equipment readiness which will effect unit readiness levels. cost of \$18,887.00 per month impacts facilities sustainment and modernization and is only viable for 5 years, until 2020. Outsourcing to maintenance training work bays at readiness centers within commuting distance leads to reduced man hours, work inefficiency and lack of adequate supervision of assigned mechanics. It also increases requirements for bench stock and spares, depleting available maintenance dollars with duplication of inventory. AT/FP at the current lease location is inadequate. The current leased facility is a 5 acres gravel lot with no rigid pavement other than shop bays, limiting the exterior workspace and vehicular mobility, as well as our ability to expand. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

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

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

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

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

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

1. COMPONENT				2. DATE
	FY 2021 MILIT	TARY CONSTRUCTION PRO	JECT DATA	
ARNG				FEBRUARY 2020
3. INSTALLATION AND LOC	CATION	4. PROJECT	T TITLE	
Brandon Mississippi		NATIONA	L GUARD VEHICLE I	MATNTENANCE SHOD
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	
		85452		
0505896A	21407	280381	Approp	10,400
12. SUPPLEMENTAL	•	_		
A. Estimate	d Design Data: (CONT	'INUED)		
(a)	Design Start Date.			JUN 2019
(b)	Percent Complete a	s of January 2020		35
(c)	Date 35% Designed.			MAR 2020
(d)	Date Design Comple	te		SEP 2020
(e)	Parametric Cost Es	timating Used to Dev	elop Costs	NO
(f)		tract: Design-bid-b		
(a)		d life cycle cost an		
(9)	documented during		arybrb wiii bc	
	documenced during	the linal design.		
(0) -				
(2) Bas				
(a)	Standard or Defini	tive Design: NO		
(3) Tot	al Design Cost (c) =	(a)+(b) OR $(d)+(e)$:		(\$000)
(a)	Production of Plan	s and Specifications		578
(b)	All Other Design C	losts		327
(c)	Total Design Cost.			905
(d)	Contract			905
(e)	In-house			0
(4) Con	struction Contract A	ward		MAR 2021
, ,				
(5) Con	struction Start			APR 2021
(3) (011	scruccion Scarc			——————————————————————————————————————
/ C \				OGE 2022
(6) COII	struction completion		• • • • • • • • • • •	OCT 2023
B. Equipmen	t associated with th	is project which wil	l be provided fro	om
other appropr	iations:			
Equipment		Procuring	Fiscal Year Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
F F & E		OMNG	2022	389
ESS (214L)		OMNG	2022	953
Info Sys - IS	C	OPA	2022	78
Info Sys - 13		OMNG	2022	188
	- -	0.11.0	2022	100
			Total	1,608

_										
1.	COMPONENT			FY 2021 G	UARD AND RES	ERVE		2. I	DATE	
	ARNG			MILITAR	Y CONSTRUCTI	ON		I	EBRUARY	2020
3.	INSTALLATION AND I	OCATION						4. 7	AREA CON	NSTRUCTI
	North Platte			IN	NSNO= 31606				COST INI	DEX
	Nebraska									.99
-	EDECHENGY AND MYDE		TZAMTON							
٥.	FREQUENCY AND TYPE									
l	Maintenance operat	ions ful	.l time 5 da	ys/week ar	nd 1 weekend/	month for I	DT Units	•		
<u> </u>										
6.	OTHER ACTIVE/GUARD	/RESERVE	INSTALLATI	ONS WITHIN	N 15 MILE RAD	DIUS				
	ARNG North Plat	te, NE	4	1.00 miles	Maintenance	Facility	659 m2	(7,0	95 SF)	1955
ı	AR North Plat	te, NE	4	1.00 miles	USAR Center		949 m2	(10,2	20 SF)	1960
ı	AR North Plat	te NE	3	00 miles	Maintenance	Facility	1 619 m2	(17.4	24 SF)	1960
ı						-				
ı	ARNG McCook, NE				Readiness C					2011
ı	ARNG Broken Boy	v, NE	73	3.00 miles	Readiness C	enter	1,742 m2	(18,7	51 SF)	1956
	ARNG Kearney, N	ΙE	99	0.00 miles	Readiness C	enter	5,093 m2	(54,8	22 SF)	1996
7.	PROJECTS REQUESTED	IN THIS	PROGRAM							
	CATEGORY DROTECT	m T m T P					CC	ST I	ESIGN S	STATUS
	PROJECT				SCOPE			-	ART	CMPL
	NATIONAL	L GUARD '								
	21407 MAINTEN	ANCE SHO	P	2,272 t	m2 (24,458	SF)	9,	300 JAN	2018	SEP 2020
_										
8.	STATE GUARD/RESERV	E FORCES	FACILITIES	BOARD REC	COMMENDATION					
ı	FACILITIES IDENTIF	'IED IN I	TEM #6 HAVE	BEEN EXAM	MINED BY THE	STATE RESER	VE FORCE	S	13 MAF	2019
l	FACILITIES BOARD F	OR POSSI	BLE JOINT U	SE/EXPANSI	ION. THE BOAR	D RECOMMEND	ATIONS A	RE	(Da	ate)
	UNILATERAL CONSTRU	CTION								
ı	011221121012 001101110	0110111								
9.	LAND ACQUISITION R	EQUIRED								
	None									0
	None							/37	1	
ı								(Nun	ber of	acres)
1.0	. PROJECTS PLANNED	TNI NIEVT	EULD AEVDG							
10		IN NEVI	FOUR ILARS							
ı	CATEGORY									COST
	CODE PROJECT :	TITLE					SCOPE			(\$000
	NONE									
	NONE									
	DEFERRED SUSTAINME	NT, REST	ORATION, AN	D MODERNIZ	ZATION (SRM):	8,332				
		,			,	-,				
	A SITE SURVEY HAS	BEEN COM	IPLETED AND	THE SITE I	IS SUITABLE F	OR CONSTRUC	TION OF	THE PROPO	SED PRO	JECT AT
	THE ESTIMATED COST	' INDICAT	ED.							
	1112 2011111122 0001									
11	. PERSONNEL STRENGT	H AS OF	06 OCT 2017	1						
									_	
			PERMANE	NT			GUAR	D/RESERVI	3	
		TOTAL	OFFICER	ENLISTED	CIVILIAN		TOTAL	OFFICER	ENLIS	TED
	AUTHORIZED	13	0	0	13		0	0		0
1				0			-	0		
i	ACTUAL	5	0	U	5		0	0		0
L										
12	. RESERVE UNIT DATA									
									STRENC	TH
l	INITE DEGLASSES					,	OH /MD?	7 ****		
	UNIT DESIGNATION			UIC	_	<u>MT</u>	OE/TDA	AU'I'H	ORIZED	ACTUA
	FMS 03 (EQP NE ARN	IG FLD MA	INT)	W8SM03	3				0	
									0	
										1.
l							A	ssigned/ <i>P</i>	uthoriz	zed: 0
l										
I										

COMPONENT	FY 2021 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
INSTALLATION AND L	OCATION		4. AREA CONSTRUCTION
North Platte	INSNO= 31606		COST INDEX
	INSNO- 31000		
Nebraska			.99
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE		AUTHORIZED	ACTUA
WHEELED		71	
TRAILERS		19	
TRACKED		0	
EQUIPMENT	י ~ אַ מּ	121	
·-			
Fuel Truc	:K	2	
HET		0	
TOTALS		213	
OTHER AND THE DOLL I	TION AND SAFETY DEFICIENCIES		
. OUISIANDING POLLO	IION AND SAFEII DEFICIENCIES	(4000)	
		(\$000)	
A. AIR PO	LLUTION	0	
B. WATER	POLLUTION	0	
C. OCCUPA	TIONAL SAFETY AND HEALTH	0	

1. COMPONENT							2	. DAT	E
	FY 2021	MILITARY	CONST	RUCI	ION PROJECT	r data			
ARNG								FEB	RUARY 2020
3. INSTALLATION AND LOCA	TION				4. PROJECT TITI	E			
North Platte									
Nebraska					NATIONAL GU	JARD VEHI	CLE MA	INTE	ENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CO	DDE	7. PRO	JECT	NUMBER	8. PROJE	CT COST	(\$000)
				85	465				
0505896A	21407			31	0140	Approp		9,	300
		9.	COST ES	TIMAT	ES		_		
-	TEM	υ	M (M/E)		QUANTIT	Y	UNIT C	OST	COST(\$000)
PRIMARY FACILITY									6,146
21407 Maintenance		l	2 (SF)		2,220 (I		(5,665)
44240 Flammable Ma		ity m2	2 (SF)		51.93 (559)	2,2	261	(117)
44228 Controlled W	-		2 (SF)		30.66 (330)	2,2	260	(69)
85210 Rigid Paveme		l l	2 (SY)		1,714 (2,050)	101.	66	(174)
Sustainabili	ty/Energy Meas	sures L	5						(121)
SUPPORTING FACILIT	TES								2,419
Electric Service		L	3					1	(125)
Water, Sewer, Gas		L						1	(375)
Paving, Walks, Cur	bs And Gutters							İ	(1,222)
Storm Drainage		LS						İ	(125)
Site Imp(119) Demo	o()	LS	3					İ	(119)
Information Syster		LS	3					İ	(130)
Antiterrorism Meas	sures	LS	5					İ	(136)
Other		LS	5						(187)
ESTIMATED CONTRACT	COST								8,565
CONTINGENCY (5.00%	\$)								428
SUBTOTAL									8,993
SUPV, INSP & OVER	HEAD (3.41%)								307
TOTAL REQUEST									9,300
TOTAL FEDERAL REQU									9,300
TOTAL FEDERAL REQU									9,300
INSTALLED EQT-OTHE	ER APPROP			1			L		(1,613)
10. Description of Propo									
Shop of permanent									
following items th	-			_	_				_
(Paved), Controlle									
interior design se									
Standards as well									
4154. Construction									
and alarm systems									

Shop of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Controlled Waste Facility, 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 42 U.S. Code 4154. 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. 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 26,112 SQFT. Disposal of 14 buildings at Greenlief Ttraining Support/Utes 01, NE (Total 2,426 m2/26,112 SF). Air Conditioning (Estimated 95 kWr/27 Tons).

11. REQ: 2,272 m2 ADQT: NONE SUBSTD: NONE PROJECT: To construct a 24,458 SF Vehicle Maintenance Shop that supports field and sustainment maintenance of combat and tactical vehicles and equipment for the NE ARNG.

1. COMPONENT					2. DATE	
	FY 2021 MILITAR	Y CONSTRUC	rion proji	ECT DATA		
ARNG					FEBRUARY 2	2020
3. INSTALLATION AND LOCA	ATION		4. PROJECT T	TITLE	•	
North Platte Nebraska			NATIONAL	GUARD VEHICLE	MAINTENANCE	SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT CO	OST (\$000)	
0505896A	21407		465 0140	Approp	9,300	

This facility will be built on State land. (Current Mission)

equipment, and specialized work space requirements.

This facility is designed to meet requirements for shop height, shop workspace, authorized mechanic positions, loading areas and parking areas for W8SM03 authorized mechanics to serve maintenance needs for WPQZAA, WPQZA1 and WPQZA2, 1074th Trans Co and its detachments, supported troops, vehicles supported by shop. This project is critical to the state of Nebraska due to the current CURRENT SITUATION: situation of inadequate land, space, and work areas. The current maintenance shop, FMS03, is co-located with a Readiness Center on a 2.5 acre postage stamp site. It is 7,073 SF in size, which is 17,385 SF or 71% below authorization. Inside the maintenance shop, the mechanics have constructed temporary offices in the bay area to provide admin and record space. The bay doors are not tall enough to allow entry for certain vehicle types. There is inadequate military equipment parking space for vehicles that are being serviced by the maintenance shop. The standalone wash building is used for vehicle parking/storage and not as its intended purpose. In order to service or wash vehicles, the common practice is to move or rotate all the vehicles around the lot to free up space or gain access to the vehicle needing service. The site and buildings worked well for the time they were constructed, 1955, but are unable to meet today's vehicle maintenance,

The State of Nebraska 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 Nebraska.

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

The facility where the current operations are being conducted was constructed in 1955.

Major Accidents are possible at the site for several reasons: 1. The limited space inside the bays does not allow for adequate walkways. There are trip hazards in the walkways, and personnel have to walk under or next to equipment in use. 2. The bay entrances are not tall enough for large military vehicles to be brought inside. Mechanics then have to work on or under the vehicles outside on the apron. 3. The vehicle movement and parking space inside the fence is extremely limited, increasing the risk of accidents to Soldiers walking between the FMS and the Readiness Center, as well as risk of damage to parked military vehicles and equipment.

RAC Score: Moderate.

Accident Probability: Possible.

Severity Code: Major.

The existing maintenance bay doors are not high enough to allow access for taller vehicles, and the site limitations hinder the number of vehicles that this facility can service. Safety egress walkways in work areas on the shop floor do not meet safety egress space requirements.

Operating costs are increased due to the work on vehicles too tall to enter the bay that

1. COMPONENT					2. DATE	
	FY 2021 MILITAR	Y CONSTRUCT	CION PROJI	ECT DATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATIO	N		4. PROJECT T	ITLE		
North Platte Nebraska			NATTONAT.	GUARD VEHICLE	MATNTENANCE	GHUD
						DIIOF
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT C	OST (\$000)	
		85	465			
0505896A	21407	31	0140	Approp	9,300	
CURRENT SITUATION: (CONTINUED)	•		•		

has to be done outside the building.

Site Site Cat FACNO ISR-I F Local Code UID Code Rating Rating Name Year 31B30 6566 21407 OMS03 2017 NORTH PLATTE FMS #3 04 C4

The current building is not ADA compliant for parking, entrances, admin spaces, and restrooms.

The current facilities cannot meet the space requirements for logistics facilities as per Chapters 1 and 3 of NG Pam 415-12, such as military equipment parking, private vehicle parking, vehicle circulation, bay space, admin space, battery room and latrine space. AT/FP cannot be met due to space constraints.

IMPACT IF NOT PROVIDED: If this project is not provided, the maintenance mission will be affected by delayed project completion and increased resource expended due to working on vehicles outside the building that can't fit through the bay doors, rotating the vehicle inventory around the lot/site in order to gain access to the vehicle(s) needing service. The personnel will continue to work in unsafe conditions due to lack of separated pass-through vs. work space. A temporary office space constructed of some 2x4's, drywall and a few tables/counters will continue to function as the admin space and take away from the needed bay space where it is located. The building doesn't meet NG Pam 415-12 Chapters 1 and 3 allowances and is not ADA compliant.

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

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

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

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

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT							2. DATE
I. COMPONENT			FY 2021 MILITARY	CONSTRIIC	ייד∩א ספ∩.	ודכי המידמ	Z. DATE
ARNG				CONDINOC	IION INOC	ALCI DIIII	FEBRUARY 2020
3. INSTALLATION A	ND LOCA	TION			4. PROJECT	TITLE	
North Platte							
Nebraska 5. program elemen [,]	Tr.		6. CATEGORY CODE	7. PROJECT		GUARD VEHICLE N 8. PROJECT COS	
5. PROGRAM ELEMEN	1		6. CALEGORI CODE	†		o. PROJECT COS	(\$000)
0505896A			21407		3465 .0140	Approp	9,300
12. SUPPLEME	ENTAL	DAT	A:				
			<u> </u>				
A. Esti	mated	Des	sign Data:				
(1)	Stat						
	(a)		sign Start Date				JAN 2018
	(b)		cent Complete as of				65
	(c)		te 35% Designed				JUN 2018
	(d)		e Design Complete				SEP 2020
	(e)	Par	ametric Cost Estima	ting Use	d to Deve	lop Costs	NO
	(f)		e of Design Contrac				
	(g)	An	energy study and li	fe cycle	cost ana	lysis will be	
		doc	umented during the	final de	sign.		
(2)	Basi	s:					
	(a)	Sta	andard or Definitive	Design:	NO		
(3)	Tota	l De	esign Cost (c) = (a)	+(b) OR	(d)+(e):		(\$000)
	(a)		duction of Plans an				514
	(b)	All	Other Design Costs				291
	(c)		al Design Cost				805
	(d)	Con	ntract				805
	(e)	In-	house				0
(4)	Cons	truc	tion Contract Award				FEB 2021
(5)	Cons	truc	tion Start	• • • • • • •		• • • • • • • • • •	APR 2021
, - >	_	_					0000
(6)	Cons	truc	ction Completion	• • • • • • • •		• • • • • • • • • •	FEB 2023

1. COMPONENT					2. DATE
	FY 2021 MILITARY	CONSTRUCT	TION PROJECT	DATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
North Platte Nebraska			NATIONAL CII	ARD VEHTCI.E I	MAINTENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT		8. PROJECT COS	
0505896A	21407		465 0140	Approp	9,300
12. SUPPLEMENTAL DAT					.,
B. Equipment as other appropriati	sociated with this prons:	roject wh		provided fro	om
Equipment Nomenclature		Procuring Appropria	ı Ar	ppropriated Requested	Cost (\$000)
FF&E		OMNG		2021	465
ESS (214L)		OPA		2021	953
Info Sys - ISC		OPA		2022	44
Info Sys - PROP		OMNG		2022	151
				Total	1,613

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1.	COMPONENT		FY 2021 G	UARD AND RESER	VE		2. DATE	
	ARNG		MILITAR	Y CONSTRUCTION			FEBRUAF	RY 2020
3.	INSTALLATION AND I	OCATION					4. AREA CO	NSTRUCTION
	Joint Base McGuir	re-Dix-Lakehurs	t IN	ISNO= 34B10			COST IN	IDEX
	New Jersey							1.23
_			27					
5.	FREQUENCY AND TYPE							
	Administration 5 d	lays/week, with	2-day training	g assembly 1-2	times/month.			
6	OTHER ACTIVE/GUARD	/RESERVE INSTA	I.I.ATTONS WITHIN	I 15 MILE RADII	IS.			
٠.			1.00 miles			2002	(99,999,999	3 CE / 2009
	ARNG Joint Base		1.00 miles					
	ARNG Joint Base	e MDL, NJ	15.00 miles	Readiness Cen	ter 6,17	8 m2 (66,500 SF)	1989
7.	PROJECTS REQUESTED) IN THIS PROGR	ΔM					
ļ [*] •	CATEGORY	, in inib inodic	1111			COST	DEGLON	CM V MITC
					2222			
	CODE PROJECT				SCOPE	(\$000)	START	CMPL
	17180 NATIONA	L GUARD READINE	ESS CENTER	3,787 m2	(40,762 SF)	15,000	DEC 2019	DEC 2020
8	STATE GUARD/RESERV	TE FORCES FACTI.	TTIES BOARD REC	OMMENDATION				
	FACILITIES IDENTIF				יי מוזריםטים קייאי	ADCEC	7 <i>6</i> 7.7	IG 2019
	FACILITIES BOARD F		INI USE/EXPANSI	ON. THE BOARD	RECOMMENDATIO	NO AKE	([ate)
	UNILATERAL CONSTRU	CTION.						
9.	LAND ACQUISITION R	EOUIRED						
	None	~ -						0
	None						(Number of	
							(Number of	acres)
10	. PROJECTS PLANNED	IN NEXT FOUR Y	EARS					
	CATEGORY							COST
	CODE PROJECT	TITLE			S	COPE		(\$000)
					=			(4000)
	NONE							
	NOINE							
	DEFERRED SUSTAINME	NT, RESTORATIO	N, AND MODERNIZ	ZATION (SRM):	15,000			
	DEFERRED SUSTAINME	NT, RESTORATIO	N, AND MODERNIZ	ZATION (SRM):	15,000			
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		BEEN COMPLETED				OF THE 1	PROPOSED PR	OJECT AT
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1.	COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
3.	INSTALLATION AND I	L JOCATION	4	AREA CONSTRUCTION
	Joint Base McGuire			COST INDEX
	New Jersey			1.23
		TION AND SAFETY DEFICIENCIES		
14	. OUTSTANDING POLLU			
		(\$000		
	A. AIR PO)	
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	C. OCCUPA	ATIONAL SAFETY AND HEALTH)	
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1. COMPONENT									2. DA	TE
		FY 2021 MILITA	ARY	CONSTR	RUC'	TION PROJECT	DATA			
ARNG									FE	BRUARY 2020
3. INSTALLATION AND LOCA	ATION					4. PROJECT TITL	E			
Joint Base McGuir	e-Di	x-Lakehurst								
New Jersey	C D1.	A Lakellarbe		NATIONAL GUARD READINESS CENTER						ITER
5. PROGRAM ELEMENT		7. PROJ	ECT	NUMBER	8. PROJE	CT COST	(\$00	00)		
					25	478				
0505896A		17180				0132	Approp		15	,000
			9.	COST EST			11 1			,
	ITEM		UM	1 (M/E)		QUANTITY	.	UNIT (COST	COST(\$000)
PRIMARY FACILITY						~				11,697
17180 Readiness C	ente	r	m2	(SF)		3,329 (35,829)	3,	014	(10,032)
44224 Unheated St			- I	(SF)		417.41 (4,493)		776	(741)
44228 Controlled				(SF)		30.66 (330)		614	(50)
44240 Flammable M				(SF)		10.22 (110)		819	(19)
81160 Backup/Emer			EA			1	,	150,		(150)
Total from Cont	_	_				_		,		(705)
SUPPORTING FACILI										2,109
Electric Service			LS							(115)
Water, Sewer, Gas			LS						(321)	
Paving, Walks, Cu		And Gutters	LS						(704)	
Storm Drainage		ina dadden	LS						(150)	
Site Imp(351) Dem	0()		LS							(351)
Information Syste			LS							(26)
Antiterrorism Mea		q	LS							(211)
Other	Darc	Б	LS							(231)
Oction										(231)
ESTIMATED CONTRAC	T CO	ST								13,806
CONTINGENCY (5.00										690
SUBTOTAL	,									14,496
SUPV, INSP & OVER	HEAD	(3.48%)								504
TOTAL REQUEST		(,							1	15,000
TOTAL FEDERAL REQ	UEST									15,000
TOTAL FEDERAL REQ										15,000
INSTALLED EQT-OTH										(1,196)
10. Description of Propo			cial	lv des	L sia	ned National	l Guard R	u eadin	ness	
permanent constru										
that are integral										
Controlled Waste										
services are requ										
well as all local										
Construction will										
			~		. –		1 '		200	

10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Unheated Storage Building, Controlled Waste Facility & 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 42 U.S.C. 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 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 40,795 SQFT. Disposal of 1 building at Phillipsburg Readiness Center, NJ (Total 3,790 m2/40,795 SF). Air Conditioning (Estimated 422 kWr/120 Tons).

11. REQ: 3,787 m2 ADQT: NONE SUBSTD: NONE PROJECT: To construct a 40,762 Sq Ft, National Guard Readiness Center that supports

1. COMPONENT						2. DAT	E
	FY 2021 MILITA	ARY (CONSTRUC	TION PROJECT	DATA		
ARNG						FEB	RUARY 2020
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Joint Base McGuire-Di	x-Lakehurst						
New Jersey				NATIONAL GUZ	ARD READI	NESS CENT	ER
5. PROGRAM ELEMENT 6. CATEGORY CODE			7. PROJECT	NUMBER	8. PROJEC	T COST (\$000)
			8!	5478			
0505896A	17180		3.	40132	15,	000	
9. COST ESTIMATES (CO	NTINUED)		•		•		
						UNIT	COST
ITEM		UM	(M/E)	QUANTIT	Y	COST	(\$000)
PRIMARY FACILITY (CON	TINUED)						
85210 Rigid Pavement for MEP			(SY)	3,616 (4,325)	131.56	(476)
Sustainability/Energy Measures							(229)
						Total -	705

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

<u>REQUIREMENT:</u> Company B (Maintenance), 250 Brigade Support Battalion, NJARNG, (WV51B0), currently does not have a National Guard Readiness Center facility in which to train and conduct administrative and logistical activities. This project is required in order to provide a Readiness Center structure for the Soldiers authorized to this unit. No other adequate facilities are available to support the unit.

<u>CURRENT SITUATION:</u> This project is critical to the state of New Jersey due to the current situation of a primary element of the NJARNG maintenance network not having a facility from which to conduct Soldier training, as well as logistical and administrative activities.

The State of New Jersey 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 New Jersey.

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

There currently is no facility to complete the mission.

There is no current Readiness Center for this unit. The unit is borrowing space from the maintenance facility that has the mission to maintain MTOE equipment for the state. The RAC is considered Serious due to the nature of the mission being degraded with no facility to operate.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
34B10	210	17180	801	2018	F3	Q3	C4	using CSMS to support Unit activity

The facility currently being used is a fulltime maintenance facility supporting repairs of MTOE equipment. All major components of a Readiness Center are not available for the

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUC	TION PROJECT D	ATA		
ARNG					FEBRUARY 2	020
3. INSTALLATION AND LOCATION						
Joint Base McGuire-Dix-Lakehurst						
New Jersey			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	-
		85	3478			
0505896A	17180	34	340132 Approp			
CURRENT SITUATION: (CONTINUED)			•		

Unit at this site.

Not having a Readiness Center has been a deterent to recruiting, operations, maintaining equipment and training soldiers. This is a very serious issue to supporting the mission of the Unit and 50th IBCT readiness.

If this project is not provided, soldiers of Company B IMPACT IF NOT PROVIDED: (Maintenance), 250 Brigade Support Battalion, (WV51B0), will be required to continue conducting classroom-type training and administrative functions, as well as logistical inventories and general equipment repair and upkeep activities in a Surface Equipment Maintenance Facility (SEMF) that was designed, constructed, and intended to be used solely for the maintenance of surface vehicles and related equipment. While Soldiers will always "make do" with what resources provided for them, without proper training, administrative and logistical spaces, unit and individual Soldier readiness can neither be fully achieved nor retained. The expenses associated with operating and maintaining the SEMF will continue to escalate as a result of the unnecessarily energizing of systems that must be running while the facility is occupied, but without a valid need or required load being placed upon them. Without Readiness Center facilities within the immediate area of where Company B performs its hands-on and field-related MOS training the Co B Soldiers will continue to participate in other training activities and/or conduct administrative and logistical activities at a number of locations where borrowed space can be found. This requires the expenditure of significant amounts of travel time and feeding via catered meals. Thus, OPTEMPO funding must be utilized in order to provide these Soldiers with some of the training they should be participating in at their own home station. While Soldiers are conducting Readiness Center type activities in an SEMF, they may be exposed to potential hazards, such as heavy metal residue and other contaminants without employing the standard protective measures that shop personnel would normally utilize. The ability of the unit to maintain a high level of readiness will be jeopardized due to the absence of proper facilities in which to train and conduct administrative activities. Soldier retention rates will decrease. And, because the unit lacks storage areas that it controls, in which to store and maintain, issue, and inventory the government equipment issued to it, its ability to establish and maintain accountability for that equipment will continue to be greatly constrained. All of these factors degrade unit and individual morale, which then impacts the ability of the unit to retain qualified 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 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

1. COMPONENT						2. DATE	
ADNO	FY 2021 MILITARY CONSTRUCTION PROJECT DATA ARNG						
3. INSTALLATION AND LO	CATION			4. PROJECT TITLE		FEBRUARY 2020	
		T alrahuma+					
Joint Base McGui New Jersey	rre-pix-	-Lakenurst		NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6	. CATEGORY CODE	7. PROJECT		8. PROJECT COST		
			85	478			
0505896A		17180		0132	Approp	15,000	
ADDITIONAL: (CON	TINUED)					
Antiterrorism St	candards	s for Buildings) ar	e needed	. These requir	rements are	included in the	
description of d	construc	ction and cost esti	mate.				
during project of requirement. JOINT USE CERTIF	developr FICATION	ernative methods of ment. This project	is the o	nly feasible o	option to me Army (Insta	eet the	
_		t this project has		-	_		
requirements, or components.	peration	nal considerations,	and loc	ation are inco	ompatible wi	th use by other	
12. SUPPLEMENTA		_					
		gii Data:					
	atus:						
(a	•	gn Start Date				DEC 2019	
(b) Perc	ent Complete as of	January	2020		65	
(c) Date	35% Designed				JAN 2020	
(d) Date	Design Complete				DEC 2020	
(e) Para	metric Cost Estimat	ing Used	l to Develop Co	osts	NO	
(f) Type	of Design Contract	: Desid	n-bid-build			
(q		nergy study and lif	_		will be		
(3		mented during the f					
	aoca	menced during the i	Illai des	,1911 .			
(0)							
	sis:						
(a) Stan	dard or Definitive	Design:	NO			
	_						
		ign Cost (c) = (a)+				(\$000)	
(a		uction of Plans and				840	
(b) All	Other Design Costs.				476	
(c) Tota	l Design Cost				1,316	
(d) Cont	ract				1,316	
(e) In-h	ouse				0	
· 							
(4) Co	nstruct	ion Contract Award.	. 			MAR 2021	
, , ,							

1. COMPONENT				2. DATE
	FY 2021 MILI	TARY CONSTRUCTION PRO	DJECT DATA	
ARNG				FEBRUARY 202
3. INSTALLATION AND LOCA	ATION	4. PROJEC	T TITLE	
Joint Base McGuir	e-Dix-Lakehurst			
New Jersey		NATIONA	AL GUARD READINES	S CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
		85478		
0505896A	17180	340132	Approp	15,000
12. SUPPLEMENTAL	DATA (CONTINUED)	-	
A. Estimated	d Design Data: (CON	rinued)		
(5) Cons	struction Start			APR 2021
, ,				
	struction Completion			700 2022
	struction Completion	1		APR 2023
	struction Completion	1		APR 2023
(6) Cons	_			
(6) Cons	t associated with the	n		
(6) Cons B. Equipment	t associated with the	nis project which wil		
(6) Cons B. Equipment other appropri Equipment	t associated with the	nis project which wil Procuring	l be provided fro Fiscal Year Appropriated	om Cost
(6) Cons B. Equipment other appropri	t associated with the	nis project which wil	l be provided fro	om
(6) Cons B. Equipment other appropri Equipment	t associated with the	nis project which wil Procuring	l be provided fro Fiscal Year Appropriated	om Cost
(6) Cons B. Equipment other appropri Equipment Nomenclature	associated with thiations:	nis project which wil Procuring Appropriation	l be provided fro Fiscal Year Appropriated Or Requested	Cost (\$000)
(6) Cons B. Equipment other appropri Equipment Nomenclature F F & E	associated with thiations:	nis project which wil Procuring <u>Appropriation</u> OMNG	l be provided from Fiscal Year Appropriated Or Requested 2022	Cost (\$000) 750
(6) Cons B. Equipment other appropri Equipment Nomenclature F F & E Kitchen Equipm	associated with thiations:	nis project which wil Procuring <u>Appropriation</u> OMNG OMNG	l be provided from Fiscal Year Appropriated Or Requested 2022 2022	Cost (\$000) 750 50
(6) Cons B. Equipment other approprise Equipment Nomenclature F F & E Kitchen Equipment ESS (171R)	t associated with thiations: ment (Type C)	nis project which wil Procuring Appropriation OMNG OMNG OPA	l be provided from Fiscal Year Appropriated Or Requested 2022 2022 2022	Cost (\$000) 750 50 22

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1	COMPONENTE			DV 2001 G	TIADO AND DEGED			0 DAME	
1.	COMPONENT				CUARD AND RESER	V E		2. DATE	7 2020
	ARNG			MILIIAR	Y CONSTRUCTION			FEBRUAR'	2020
	THOMALIAMION AND I	0.03.03.						4 3000 000	IOMPIIOMI
3.	INSTALLATION AND I	OCATION			1010 2025 <i>C</i>			4. AREA COI	
	Columbus Ohio			II	NSNO= 39356			COST IN	.98
									.96
5.	FREQUENCY AND TYPE								
	Administration 5 d	lays/week	, with 2-d	ay training	g assembly 3-4	times/month.			
6.	OTHER ACTIVE/GUARI	/RESERVE	INSTALLAT	IONS WITHIN	N 15 MILE RADIU	S			
	ARNG Columbus	(DSCC), C)H 1	2.00 miles	Training Cent	er 11,444	m2 (12	3,177 SF)	2011
	ARNG Columbus	(DSCC), C)H 1	.2.00 miles	USPFO Office	6,492	2 m2 (6	9,880 SF)	2011
	ARNG Columbus	(DSCC), C)H 1	2.00 miles	Maintenance F	acility 13,684	m2 (14	7,296 SF)	2008
	ARNG Columbus	(Sullivar	nt) 1	3.00 miles	Readiness Cen	ter 2,618	3 m2 (2	8,177 SF)	1958
	ARNG Tarlton,	DΗ	1	.9.00 miles	Readiness Cen	ter 1,324	m2 (1	4,249 SF)	1968
	ARNG Columbus	(Beightle			Readiness Cen				1965
7.	PROJECTS REQUESTED) IN THIS	PROGRAM				ac		
	CATEGORY	m.r.m.r. =					COST	DESIGN S	
	CODE PROJECT			a-11		SCOPE	(\$000)	START	CMPL
	17180 NATIONA	L GUARD 1	READINESS (CENTER	5,157 m2	(55,512 SF)	15,000	JAN 2019	OCT 2020
8.	STATE GUARD/RESERV	Æ FORCES	FACILITIE	S BOARD REC	COMMENDATION				
	FACILITIES IDENTIF	IED IN I	TEM #6 HAV	E BEEN EXAM	MINED BY THE ST	ATE RESERVE FO	RCES	30 SEI	2019
	FACILITIES BOARD F	OR POSSI	BLE JOINT	USE/EXPANSI	ION. THE BOARD	RECOMMENDATION	S ARE	(Da	ite)
	UNILATERAL CONSTRU	CTION.							
0	I AND ACQUITETETON I	PEOTITRED							
9.	LAND ACQUISITION F	REQUIRED							0
	None						-	(Number of	0
								(Mulliber OI	acres)
10.	. PROJECTS PLANNED	IN NEXT	FOUR YEARS						
	CATEGORY								COST
	CODE PROJECT	TITLE				SC	OPE		(\$000)
	NONE								
	DEFERRED SUSTAINME	ייואיי	ג וא∩דידגק∩י	ND MODERNIS	ZATION (SPM):	6,766			
	DEFERRED SOSIAINME	MI, KEDI	OKATION, A	ND MODERNIZ	BATTON (BINT).	0,700			
	A SITE SURVEY HAS	BEEN COM	PLETED AND	THE SITE	IS SUITABLE FOR	CONSTRUCTION	OF THE P	ROPOSED PRO	JECT AT
	THE ESTIMATED COST	INDICAT	ED.						
11	. PERSONNEL STRENGT	TH AS OF	17 OCT 201	8					
11.	. PERSONNEL SIRENGI	.II AD OF	17 001 201	O					
			PERMAN	ENT		G	UARD/RES	ERVE	
		TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL			TED
	AUTHORIZED	34	10	24	0	106		35	71
	ACTUAL	27	6	13	8	121		37	84
	~ - *		Ŭ	13	S	121			
12	RESERVE UNIT DATA	Δ							
								STREN	STH
	UNIT DESIGNATION			UIC	TPSN	MTOE/TD	A 2	AUTHORIZED	ACTUAL
	73RD TRP TROOP CMI)		W78ZA	_	NGW78ZA		46	46
	HHD, 437TH MP BN			WP59A		19476KN		60	75
	, IO/III PIE DIN			HE JURE		T) T / UKIN		106	121
								100	121
							Accim	ed/Authoriz	ed: 114°
							HOSIGII	cu/AutiiOf12	.cu. 1146

COMPONENT	FY 2021 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
INSTALLATION AND L	OCATION		4. AREA CONSTRUCTION
Columbus	INSNO= 39356		COST INDEX
Ohio	INDNO- 39330		.98
			.96
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE		AUTHORIZE	<u>D</u> <u>ACTUAL</u>
WHEELED		1	7 17
TRAILERS		1	8 18
TRACKED			0 (
EQUIPMENT	> 30 FT		0 (
Fuel Truc			2
HET			0 (
TOTALS		3	7 37
OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)
חם מדג ג	I I IITTON		0
A. AIR PO			
B. WATER			0
C. OCCUPA	TIONAL SAFETY AND HEALTH		0

1. COMPONENT							2. I	DATE	
	FY 2021 MILIT	ARY	CONSTR	UCTION PROJE	ECT D	ATA			
ARNG							F	EBRUARY 2020	
3. INSTALLATION AND LOCATI	ON			4. PROJECT T	ITLE				
Columbus									
Ohio			NATIONAL GUARD READIN				IESS CENTER		
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT NUMBER		8. PROJE	CT COST (\$)00)	
				85495					
0505896A			390160		Approp	1	5,000		
		9.	COST EST	IMATES					
ΙΊ	'EM	UM	(M/E)	QUANT	TITY		UNIT COST	COST(\$000)	
PRIMARY FACILITY								12,315	
17180 Readiness Cen	iter	m2	(SF)	5,157 (5	5,512)	2,312	(11,924)	
81160 Backup/Emerge	ncy Generator	EA		1 -	-		150,000	(150)	
Sustainabilit	y/Energy Measures	LS		_	-			(241)	
SUPPORTING FACILITI	ES							1,486	
Electric Service		LS		-	-			(28)	
Water, Sewer, Gas		LS		_	-			(84)	
Paving, Walks, Curk	s And Gutters	LS		_	-			(581)	
Storm Drainage		LS		-	-			(100)	
Site Imp(493) Demo()	LS		-	-			(493)	
Information Systems	1	LS		-	-			(32)	
Antiterrorism Measu	ires	LS		-	_			(135)	
Other		LS		-	_			(33)	
ESTIMATED CONTRACT	COST							13,801	
CONTINGENCY (5.00%)								690	
SUBTOTAL								14,491	
SUPV, INSP & OVERHE	AD (3.51%)							509	
TOTAL REQUEST								15,000	
TOTAL FEDERAL REQUE	ST							15,000	
TOTAL FEDERAL REQUE	ST (ROUNDED)							15,000	
INSTALLED EQT-OTHER	APPROP							(1,532)	
10. Description of Propose	d Construction A spe	cial	ly des	signed Natio	nal G	Suard R	eadines:		
permanent construct									
that are integral t								_	
comprehensive inter									
all Local, State, a									
will include all ut	ility services, in	form	ation	systems, fi	re de	etectio	n and a	larm systems,	

permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator. This facility will include comprehensive interior design and will be designed to meet Industry Standards as well as all Local, State, and Federal building codes and as per 42 U.S. Code 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, gutters, storm drainage, parking areas, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with 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 Dec 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 76,000 SQFT. Disposal of 1 building at Ravenna Training and Log Site, OH (Total 7,061 m2/76,000 SF). Air Conditioning (Estimated 654 kWr/186 Tons).

11. REQ: 5,157 m2 ADQT: NONE SUBSTD: NONE PROJECT: To construct a 55,512 SQFT National Guard Readiness Center that supports individual and collective training, administrative, automation and communications, and logistical requirements for the OHARNG. This facility will be built on Federal Land.

1. COMPONENT					2. DATE			
	FY 2021 MILITARY CONSTRUCTION PROJECT DATA							
ARNG			FEBRUARY 2020					
3. INSTALLATION AND LOCATION	N		4. PROJECT TITLE					
Columbus Ohio	D READINESS	CENTER						
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)			
		85	495					
0505896A	17180	39	0160	Approp	15,000			

PROJECT: (CONTINUED)
(Current Mission)

REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed units, within the transformed force structure of the Ohio ARNG, to address facility shortages and inadequacies as defined in the ISR-I. This proposed facility is required to house the following elements; 73rd Troop Command (W78ZAA) and the 437th Military Police Battalion Headquarters (WP59AA). This Readiness Center will act as the single gathering point for assigned OHARNG personnel and a mobilization platform during Federal and State activation of OHARNG troops. This building will serve as a headquarters for TOE organizations and provide support to the local community.

CURRENT SITUATION: This project is critical to the state of Ohio due to the current situation of the aging facilities, inadequate re-purposed space, deficiencies in space, and exorbitant costs to the tax payers to maintain and operate. The existing facilities are deficient by 76% in functional areas that include administrative space, storage space, latrines and parking. The two buildings currently occupied by these two units were not originally designed as readiness centers and other units have been condensed into existing building due to a condemned building.

The State of Ohio 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 Ohio.

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

The facility where the current operations are being conducted was constructed in 1956.

The facility has a RAC score of Serious. The inadiquate storage and space in the facilities would be a major hazard severity code. The accident probability is probably, because only in time will these facilities become difficult and un-economical to maintain.

The facilities that the units are currently in are dilapidated and aging. They are not fully up to code and their systems are deteriorating. One of the facilities that a unit had to move out of is now condemned and this will provide the safe and usable space required. All buildings contain abestos and lead based paint.

The combined annual operating cost of the currently occupied facilities is in excess of \$310,000 per year with an SRM backlog of nearly \$7,000,000.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
39356	7004	17180	00930	2017	F4	Q3	C4	Bldg 930
39356	7004	17180	00943	2017	F4	Q3	C4	Bldg 943

There are no formal code violation at this time. Asbestos pipe insulation and tiles, galvanized piping for potable water lines, and lead based paint are known within all these buildings.

1. COMPONENT					2. DATE	
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT D	ATA		
ARNG					FEBRUARY 202	0
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Columbus Ohio			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT		8. PROJECT COST		
		85495			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
0505896A	17180	390160 Approp			15,000	
CURRENT SITUATION: (C	ONTINUED)					

The above units are a result of transformation and are currently in inadequate and unsafe facilities with an average age of 55 years old. Due to functional space available, the supply areas for these units are in one building while the administrative area is in another building. A centralized building has a space for an assembly hall (a converted hangar). None of the facilities are ADA compliant and two of them boarder a fence line and non-compliant with ATFP requirements.

IMPACT IF NOT PROVIDED: If this project is not provided the units ability to meet its readiness, recruiting, retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities and increase the SRM backlog and annual operating costs. Delays in the funding of this project will force the continued use of inadequate facilities. The existing facility deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage, and administrative areas will continue to impair the attainment of required mobilization readiness levels. Security, Safety, and Environmental issues will continue to exist.

<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.

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.

1 2010 01777						Io name
1. COMPONENT		TV 0001 MT TT DV				2. DATE
ARNG		FY 2021 MILITARY	CONSTRUC.	LION PROJEC.	T DATA	FEBRUARY 2020
3. INSTALLATION AND	D LOCATIC	ON .		4. PROJECT TIT	LE	FEBRUARI 2020
Columbus						
Ohio				NATIONAL G	UARD READINESS	G CENTER
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)
				495		
0505896A		17180	39	0160	Approp	15,000
12. SUPPLEMEN	NTAL DA	ATA:				
		esign Data:				
	Status					
· '		esign Start Date				JAN 2019
	65					
		ercent Complete as of ate 35% Designed				JUN 2019
		ate Design Complete.				OCT 2020
		arametric Cost Estima				NO
		ype of Design Contrac	_	_		
		n energy study and l	_			
		ocumented during the			JIB WIII DC	
	u .	ocameneed during ene	TIME GC	,1911.		
(2)	Basis:					
` ′		tandard or Definitive	e Design:	NO		
	(a) 5	candard of Delinicive	e Design.	110		
(3)	Total '	Design Cost (c) = (a))+(b) OP (۵)+(۵):		(\$000)
		roduction of Plans ar				829
		ll Other Design Costs				470
		otal Design Cost				1,299
		ontract				1,299
		n-house				
	(e) I	II-IIouse			• • • • • • • •	
(4)	Conata	uction Contract Award	٦.			MAR 2021
(4)	Constr	uction Contract Award	٠		• • • • • • • •	MAR 2021
(5)	Q					3 DD 2021
(5)	Constr	uction Start		• • • • • • • • • •		APR 2021
(6)	Q===+==	wation Commletion				TIT 2022
(0)	Constr	uction Completion			• • • • • • • •	JUL 2023
		ssociated with this p	project wh	ich will be	e provided fro	m
other appr	opriat	ions:		1	Fiscal Year	
Equipment			Procuring		Appropriated	Cost
Nomenclatu	.re		Appropria	ation (Or Requested	(\$000)
FF&E			OMNG		2022	750
ESS (171R)			OPA		2022	54
Info Sys -			OPA		2022	301
Info Sys - PROP OMNG 2022 427						
					Total	1,532
					IULAI	1,552

_				0004 -						
1.	COMPONENT		F		GUARD AND RESE				2. DATE	
l	ARNG			MILITAR	RY CONSTRUCTIO)N			FEBRUA	KY 2020
3.	INSTALLATION AND I	OCATION								ONSTRUCTION
	Hermiston			II	NSNO= 41A82				COST IN	IDEX
	Oregon									1.11
5.	FREQUENCY AND TYPE	OF UTIL	IZATION					-		
	Support logistical	and ope	rational act	ivities i	for training	350 days/y	ear.			
6	OTHER ACTIVE/GUARD	/DECEDI <i>T</i> E	TNICTALLATIO	אוכ שודיינודו	NI 15 MITE DAD	TITO				
٥.	ARNG Hermiston				Readiness Ce		2,232 1	m2 (2	4,026 SF)	1996
	ARNG Pendleton				Readiness Ce				3,400 SF)	1993
										1993
					Aviation Fac					
	ARNG The Dalles				Readiness Ce					2014
	ARNG La Grande				Readiness Ce		4,492 1		8,352 SF)	1998
İ	ARNG La Grande	, OR	57.	00 miles	Maintenance	Facility	1,193 i	m2 (1	2,841 SF)	1998
7.	PROJECTS REQUESTED	IN THIS	PROGRAM							
	CATEGORY							COST	DESIGN	STATUS
	CODE PROJECT	TITLE				SCOPE	(\$000)	START	CMPL
	72114 ENLISTED	BARRACK	S, TRANSIIEN	T TRAINII	NG 2,242 m2	(24,137	SF)	9,300	SEP 2019	MAR 2021
0										
8.	STATE GUARD/RESERV								0.5	n. 0010
	FACILITIES IDENTIF									IN 2019
	FACILITIES BOARD F		BLE JOINT US.	E/EXPANS.	ION. THE BOAR) RECOMMEN	DATIONS	ARE	(L	Date)
	UNILATERAL CONSTRU	CTION.								
9.	LAND ACQUISITION R	EQUIRED								
	None							_		0
									(Number of	acres)
1.0										
10	. PROJECTS PLANNED	IN NEXT	FOUR YEARS							
	CATEGORY							_		COST
	CODE PROJECT	LTTLE					SCOF	<u>'E</u>		(\$000)
	NONE									
	NOIVE									
	DEFERRED SUSTAINME	NT, REST	ORATION, AND	MODERNI	ZATION (SRM):		0			
	A SITE SURVEY HAS	BEEN COM	יי מאב מפרפוס	HE SITE	TS SHITTARLE FO	OR CONSTRI	CTION OF	THE D	RUDUSED DE	OTECT AT
	THE ESTIMATED COST			0111	10 0011110111 1	510 001151110	011011 01			.00201 111
11	. PERSONNEL STRENGT	H AS OF	17 OCT 2018							
			PERMANEN'					ARD/RES		
		TOTAL		NLISTED	CIVILIAN		TOTAL	OFFI		STED
	AUTHORIZED	77	18	57	2		90		20	70
	ACTUAL	81	18	57	6		90		20	70
1.0										
12	. RESERVE UNIT DATA	1							Omp ==	ICTI I
	UNIT DESIGNATION			UIC	TPSN	1./	TOE/TDA	,	STREN AUTHORIZED	
	OTC CAMP UMATILLA			W92HA		_	IGW92HAA	-	18	
		ירם משי		W92HA.			GW92HAA IGW92HAA		72	
	(CTR TRAINING CENT	EV ()		wyZHAZ	n.	N	З₩Э∠ПАА	-	90	
									90	90
								Agaian	ed/Authori	zed: 100%
								nooryil	cu/AuciiOf1	.2cu. 1009
i										

. COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
. INSTALLATION	L AND LOCATION	4.	AREA CONSTRUCTIO
Hermiston	INSNO= 41A82		COST INDEX
Oregon	11010		1.11
			1.11
	ENT AND AIRCRAFT		2 (1777)
TYPI			ACTUAL
WHE		254	254
TRA	LERS	211	213
TRAC	KED	0	
EQUI	PMENT > 30 FT	0	(
Fue	Truck	0	
HET		0	
TOTA	LS	465	46
. OUTSTANDING	POLLUTION AND SAFETY DEFICIENCIES		
	(\$0)	00)	
A. A	IR POLLUTION	0	
В. И	ATER POLLUTION	0	
	CCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT								2. D.	ATE
	FY 2021 MILITA	RY (CONSTR	UCI	CION PROJ	JECI	DATA		
ARNG								FE	BRUARY 2020
3. INSTALLATION AND LOCATION					4. PROJECT	TITL	·Ε		
Hermiston									
Oregon					ENLISTED	BA	RRACKS, 7	TRANSIEN'	T TRAINING
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT	NUMBER		8. PROJE	CT COST (\$0	00)
				90	221				
0505896A	72114			41	1508		Approp	٥	9,300
		9. (COST EST	IMAT	ES				
ITEN	N	UM	(M/E)		QUA	TITN	Z.	UNIT COST	COST(\$000)
PRIMARY FACILITY									7,731
72114 Billeting Facil	lity	m2	(SF)		2,242	(24,137)	3,380	(7,579)
Sustainability	Energy Measures	LS							(152)
									†

LS

LS

LS

LS

LS

LS

LS

LS

INSTALLED EQT-OTHER APPROP A specifically designed Enlisted Barracks, Transient 10. Description of Proposed Construction Training of permanent construction. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 42 U.S.C. Construction will include all utility services, information systems, fire detection and alarm systems, roads, storm drainage, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 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 24,137 SQFT. Disposal of 1 building at Eugene Readiness Center, OR (Total 2,252 m2/24,242 SF). Air Conditioning (Estimated 672 kWr/191 Tons).

ADQT: 11. REQ: 2,242 m2 2,168 m2 SUBSTD: NONE To construct a 24,137 SOFT Enlisted Barracks, Training Transient that supports unaccompanied enlisted personnel and authorized civilians who are conducting training at a location other than their assigned home station requirements for the This facility will be built on Federal Land. (Current Mission) ORARNG. REQUIREMENT: This facility is designed to meet the requirement for a 24,137 SF that is

SUPPORTING FACILITIES

Site Imp(387) Demo()

Antiterrorism Measures

ESTIMATED CONTRACT COST

SUPV, INSP & OVERHEAD (3.52%)

TOTAL FEDERAL REQUEST (ROUNDED)

Information Systems

CONTINGENCY (5.00%)

TOTAL FEDERAL REQUEST

Paving, Walks, Curbs And Gutters

Electric Service

Storm Drainage

Other

SUBTOTAL

TOTAL REQUEST

Water, Sewer, Gas

825

(49)

(180)

(30)

(20)

(387)

(3)

(76)

(80)

8,556

8,984

9,300 9,300

9,300

(0)

428

316

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUC	TION PROJECT	DATA		
ARNG					FEBRUARY 202	0
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Hermiston Oregon			ENLISTED BAR	RACKS, TRANS	IENT TRAINING	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
0505896A	72114		221 1508	Annyon	9,300	
0000000A /2114 41			1000	Approp	J, JUU	

REQUIREMENT: (CONTINUED)

capable of billeting individuals and teams in open bay with latrines. This facility will be built on a level 4 Federal lands Training Site. This facility will support the training site requirements for appx 1040 beds by adding 166 bed spaces to the inventory. This facility will help provide housing to ORARNG Soldiers attending unit training programs at Camp Umatilla Oregon, in addition to moving this training site closer to its appx. 1040 bed requirement.

CURRENT SITUATION: This project is critical to the state of Oregon due to the current situation of the current barracks at Camp Umatilla Oregon to meet the current and planned requirements. This project will provide Transient Training open-bay barracks at CUO for Soldiers currently operating in 29% of minimum requirements on a training site that has no open bay barracks. With current throughput, Soldiers often bivouac in tents with portable sanitation facilities or seek offsite lodging due to lack of barracks space, significantly increasing training costs and logistics. CUO requires a significant increase in TT Open-Bay Barracks space to support planned battalion level training.

The State of Oregon 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 Oregon.

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

The facility where the current operations are being conducted was constructed in 1941.

Based on the current condition of the barracks facility at Camp Umatilla Oregon the probability of failure or shutdown of the barracks and high utility costs is "MAJOR" due to the condition and age of the building in excess of 60 years. The probability of this occurance is "LIKELY" unless the building is upgraded.

The barracks are identified as containing asbestos.

There is a high operating cost on these buildings due to their age. Building maintenance costs are high to maintain buildings built in 1941 and keep them operational. Also these buildings were constructed using insufficient insulation by to days standards and utilities are aged and inefficient. In addition to the Operations and Maintenance cost, there are costs that the State has to spend to support training at Camp Umatilla.

Site Site FACNO Local Cat ISR-I F C Code UID Code Year Rating Rating Name 7656 41A82 72114 00053 2016 Umatilla Barracks F3 Q2 C4

The electrical system does not meet current building code.

The barracks do not meet the requirements of the NG PAM 415-12 in square footage, Americans with Disabilities Act, current code requirements, ISR, administrative space and toilets and showers. The electrical system in the building is dated and requires

1. COMPONENT					2. DATE
	FY 2021 MILITAR				
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
Hermiston Oregon			ENLISTED	BARRACKS, TRAN	NSIENT TRAINING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT		8. PROJECT CO	
		90	90221		
0505896A	72114	41	1508	Approp	9,300

CURRENT SITUATION: (CONTINUED)

replacement as does the plumbing and heating. The building lacks air conditioning in an area the see a number of days above 100 deg every year.

IMPACT IF NOT PROVIDED: If this project is not provided, the units training at Camp Umatilla Oregon (CUO) will continue to be deficit billeting space. Transient Training Soldiers at CUO will continue to bivouac in tents with Portable sanitation or seek offsite lodging due to a lack of barracks space, at a significantly increased cost to training. New Army standard open-bay barracks will increase throughput and quality of training at CUO year-round, improving the lethality of ORARNG Soldiers.

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	SEP	2019
(b)	Percent Complete as of January 2020		35
(C)	Date 35% Designed	APR	2020
(d)	Date Design Complete	MAR	2021
(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:

1. COMPONENT			_	2. DATE
	FY 2021 MILITARY	CONSTRUCTION PRO	JECT DATA	
ARNG 3. INSTALLATION AND LOCA	TTON	4. PROJECT		FEBRUARY 2020
	IION	4. PROJECI	. 111116	
Hermiston Oregon		דאז דפיים	D BARRACKS, TRANS	בדבאי יים א דאדאר
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	
	İ	90221		
0505896A	72114	411508	Approp	9,300
12. SUPPLEMENTAL	DATA (CONTINUED)			
A. Estimated	Design Data: (CONTINUEI	O)		
(a)	Standard or Definitive	Design: NO		
		5		
(3) Tota	l Design Cost (c) = (a)+	+(b) OR (d)+(e):		(\$000)
(a)	Production of Plans and			513
(b)	All Other Design Costs.			291
(c)	Total Design Cost			804
(d)	Contract			804
` ′				
(e)	In-house			
(4) Cons	truction Contract Award.		• • • • • • • • • • • • • • • • • • • •	MAY 2021
(5) Cons	truction Start			JUL 2021
(6) Cons	truction Completion			JUL 2023
B Equipment	associated with this pr	coiect which wil	l be provided fro	nm
other appropri			I DO PIOVIGOU IIO	
			Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
FF&E		OMNG	2022	382
Info Sys - ISC		OPA	2022	39
Info Sys - PRO	P	OMNG	2022	6
			Total	428
			Iocai	120

_											
1.	COMPONENT				UARD AND R				2. DATE		
	ARNG			MILITAR	Y CONSTRUC	TION			FEBRUARY 2020		
3.	INSTALLATION AND I	LOCATION							4. AREA CO	NSTRUCTION	
	Joint Base Charles	ston		II	NSNO= 45A7	7			COST IN	IDEX	
	South Carolina									.89	
5.	FREQUENCY AND TYPE	C OF UTIL	ZATION								
	Administration 5 d			dav trainino	assembly	2-3 time	s/month				
		aay by ween	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	aa, oranni	, assembly	2 3 010					
6.	OTHER ACTIVE/GUARI)/RESERVE	INSTALLA	TIONS WITHIN	N 15 MILE R	ADIUS					
	ARNG Andrews,	SC		46.00 miles	Readiness	Center	1,697 n	n2 (:	18,263 SF)	1976	
	ARNG Beaufort,	SC		50.00 miles	Readiness	Center	2,800 m	n2 (:	30,144 SF)	2003	
	ARNG Moncks Co	rner, SC		20.00 miles	Readiness	Center	1,644 n	n2 (1	17,693 SF)	1981	
	ARNG Mount Plea						2,282 n			1963	
							3,496 m			1986	
	ARNG Walterbore	o, SC		35.00 miles	Readiness	Center	1,488 n	n2 (.	16,021 SF)	1970	
7.	PROJECTS REQUESTED	O IN THIS	PROGRAM								
	CATEGORY						(COST	DESIGN	STATUS	
	CODE PROJECT	TTTLE				SCOPE		\$000)	START	CMPL	
			DYDINECC	CENTER	5 569 m2	(59,933			AUG 2019		
	17160 NATIONA	L GUARD R	EADINESS	CENTER	5,506 IIIZ	(39,933) SF / 1:	3,000	AUG 2019	DEC 2020	
8.	STATE GUARD/RESERV	/E FORCES	FACILITI	ES BOARD REC	COMMENDATIO	N					
	FACILITIES IDENTIF	FIED IN I	гем #6 на	VE BEEN EXAM	MINED BY TH	E STATE	RESERVE FORC	ES.	07 AU	G 2019	
	FACILITIES BOARD F	FOR POSSI	BLE JOINT	USE/EXPANSI	ON. THE BO	ARD RECO	MMENDATIONS	ARE		mate)	
	UNILATERAL CONSTRU								,	,	
9.	LAND ACQUISITION F	REQUIRED									
	None									0	
									(Number of	acres)	
10	. PROJECTS PLANNED	IN NEXT I	FOUR YEAR	S							
	CATEGORY									COST	
	CODE _ PROJECT '	TITLE					SCOP	E		(\$000)	
	NONE										
						١	F 000				
	DEFERRED SUSTAINME	ENT, REST	DRATION,	AND MODERNIZ	ZATION (SRM):	5,000				
	A SITE SURVEY HAS	BEEN COM	PLETED AND	D THE SITE I	IS SUITABLE	FOR CON	STRUCTION OF	THE F	ROPOSED PF	OJECT AT	
	THE ESTIMATED COST										
11	. PERSONNEL STRENGT	TH AS OF	L4 JUN 20	19							
			PERMAI	NENT			GUA	RD/RES	SERVE		
		TOTAL	OFFICER	ENLISTED	CIVILIAN	_	TOTAL	OFFI	CER ENLI	STED	
	AUTHORIZED	8	0	8	0		232		13	219	
	ACTUAL	8	0	8	0		232		13	219	
ı	VCIONT	ø	U	ō	U		434		13	417	
1.0											
12	. RESERVE UNIT DATA	4								_	
									STRE		
	UNIT DESIGNATION			UIC	<u>TP</u>	SN	MTOE/TDA		AUTHORIZED	ACTUAL	
	(CO VERTICAL CONST	TRUCT)		WY19AA	A 30	545	05420KNG8	1	158	158	
	BN BDE SPT BN W/FS	SC (WVCTJO)		63035KNG5	7	74	74	
									232	232	
								Naai ~~	ned/Authori	zed: 100°	
								nss19I	icu/ Autii0ľ1	.45u. 1008	
ı											

COMPONENT	FY 2021 GUARD AND RESERVE	2	. DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
INSTALLATION AND I	OCATION	4	. AREA CONSTRUCTIO
Joint Base Charle			COST INDEX
South Carolina			.89
	NID A TD CD A EIII		
. MAJOR EQUIPMENT A	ND ALRCRAFT	1477100 7 770	3.000
TYPE		AUTHORIZED	
WHEELED		78	78
TRAILERS		128	
TRACKED		5	5
EQUIPMEN'	r > 30 FT	21	21
Fuel True	ck	1	1
HET		0	
TOTALS		233	233
. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR PO	DLLUTION	0	
B. WATER	POLLUTION	0	
C. OCCUPA	ATIONAL SAFETY AND HEALTH	0	

1. COMPONENT		0001 4		~~-~-				2. DA	ATE	
1 DMG		FY 2021 MILITAE	RY (CONSTR	UCTION PR	OJECT	DATA			
ARNG	GA ELL ON				IA DROTEC	m mimin		FE	BRUARY 2020	
3. INSTALLATION AND LO				4. PROJECT TITLE						
Joint Base Charl	eston			NATIONAL GUARD READINESS CENTER						
South Carolina 5. PROGRAM ELEMENT		6. CATEGORY CODE		7 DDO.T	ECT NUMBER	AL GUA		CT COST (\$00		
5. PROGRAM ELEMENT		O. CATEGORI CODE						CI COSI (\$00) ()	
0505067		17100			85519			1 5	000	
0505896A		17180	^ ^		450109		Approp	15	,000	
			_	COST EST				I		
	ITEM		UM	(M/E)	QŢ	JANTITY		UNIT COST	COST(\$000)	
PRIMARY FACILITY				(0 =)	4 554	2 /	40 000)	0 005	12,510	
17180 Readiness				(SF)	4,552		48,999)		(9,535)	
•		l Purpose Trainin	1		438.9		4,725)		(851)	
44224 Unheated S	_		1	(SF)	525.74		5,659)		(577)	
44228 Controlled		-	1	(SF)	30.66		330)	1,122	(34)	
44240 Flammable		_	m2	(SF)	20.44	4 (220)	1,168	(24)	
Total from Con		tion page(s)							(1,489)	
SUPPORTING FACIL									2,463	
Electric Service			LS						(130)	
Water, Sewer, Ga			LS						(224)	
Paving, Walks, C	urbs .	And Gutters	LS						(1,132)	
Storm Drainage			LS						(163)	
Site Imp(375) De	mo()		LS						(375)	
Information Syst	ems		LS						(41)	
Antiterrorism Me	asure	S	LS						(220)	
Other			LS						(178)	
ESTIMATED CONTRA	CT CO	ST							14,973	
CONTINGENCY (5.0	0왕)								749	
SUBTOTAL									15,722	
SUPV, INSP & OVE	RHEAD	(3.48%)							547	
TOTAL REQUEST									16,269	
State Share									1,269	
TOTAL FEDERAL RE	QUEST								15,000	
TOTAL FEDERAL RE	QUEST	(ROUNDED)							15,000	
INSTALLED EQT-OT	HER A	PPROP							(1,525)	
10. Description of Pro	posed C	onstruction A spec	ial	ly des	signed Nat	ional	Guard R	eadiness	Center of	
•		n. The National G								
that are integra	l to	the facility; Bac	kup	/Emer	gency Gene	rator,	Organi	zational	Vehicle	
Parking (Paved),	Gene	ral Purpose Train	ing	Bay,	Unheated	Storag	re Build	ling, Con	trolled	
		ammable Materials								
are requested. T	his f	acility will be d	esi	gned t	to meet In	dustry	Standa	rds as w	ell as all	
		eral building cod								
		ervices, informat								
		gutters, storm dr								
		signed to a minim			_			_		
		de (UFC 1-200-02)			_					
		ng systems perfor								
		dated Dec 2017. A								
	provided. Anti-terrorism measures are to be included in accordance with the DoD Minimum Anti-terrorism standards will be provided. This project will comply with the Army 1 SQFT									
		olicy through the								
Summerville Leas										
577 kWr/164 Tons		citicy, be (local	٦,	, _ 1 1112	_, o _ , 500 B	- , • F		0.10111119	, LDCIMACEA	
577 KWI/104 10118	, ·									
11. REQ: 5,56	8 m2	ADQT:			NONE	SU	BSTD:		NONE	

1. COMPONENT						2. DAT	E
	FY 2021 MILITA	ARY (CONSTRUC	TION PROJECT	DATA		
ARNG						FEB	RUARY 2020
3. INSTALLATION AND LOCATION	N			4. PROJECT TITLE			
Joint Base Charlesto	on						
South Carolina				NATIONAL GUA	RD READ	INESS CENT	ER
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER	8. PROJE	CT COST (\$000)
			8!	5519			
0505896A	17180		4!	50109	Approp	15,	000
9. COST ESTIMATES (C	CONTINUED)						
						UNIT	COST
ITE	M	UM	(M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILITY (CC	NTINUED)						
81160 Backup/Emergen	cy Generator	EΑ		1		175,000	(175)
85210 Rigid Pavement	for MEP	m2	(SY)	8,591 (10,275)	101.66	(873)
88042 Enhanced AT/FF	Measures	LS					(196)
Sustainability	/Energy Measures	LS					(245)
						Total	1,489

PROJECT: To construct a 59,933 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the SCARNG. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: The facility is designed to meet the administrative, logistical, training and maintenance needs for the assigned units. Unit list: WY19AA 1223rd Engineer Company and WVCTJO CO I 237 SPT BN. The two units were previously assigned to a leased facility in Summerville, SC; however, due to lease funding shortfalls, ARNG-IER was unable to fund the entire lease and the SCARNG was forced to assign the two units at other sites. Both of these units are new force structure to the SCARNG.

This project is critical to the state of South Carolina due to the CURRENT SITUATION: current situation of the 1223rd Engineer Company being assigned to the Walterboro Readiness Center and CO I 237 SPT BN being assigned to the North Charleston Readiness Center. The two units were previously assigned to a leased Readiness Center; however, due to lease funding shortfalls, ARNG-IER was unable to fund the entire lease and the SCARNG was forced to terminate the lease as of September 30, 2016. The Walterboro Readiness Center was constructed in 1970 and does not meet the needs of the assigned unit. The SCARNG was forced to re-station a unit from Walterboro to allow the stationing of WY19AA in Walterboro. The Walterboro Readiness Center provides the unit 61% of its authorized square footage. The North Charleston Readiness Center was constructed in 1986. It consists of 37,628 SF; however, the SCARNG has three MTOE units assigned at this site and the primary facility and supporting facilities are not adequate to meet the needs of the units. The North Charleston Readiness Center provides the assigned units 56% of authorized square footage. The reassignments are interim measures until the SCARNG constructs a new Readiness Center in Summerville, SC. Once construction is completed, the SCARNG will reassign the two units to the new Readiness Center.

The State of South Carolina 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 South Carolina.

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

The facility where the current operations are being conducted was constructed in 1970.

No life/health/safety or environmental issues identified.

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUCT	TION PROJECT D	ATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Joint Base Charlestor	า					
South Carolina		NATIONAL GUARD READINESS CENTER				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
		85	519			
0505896A	17180	45	0109	Approp	15,000	
CURRENT SITUATION: (0	CONTINUED)	•		•		
						
Sita Sita Cat	FACNO TOD_T F	\circ	C Logal			

Q4

Rating Rating Name

C4

No Facility

There are no code violations identified.

Code

17180

There is no need for any waivers for this project.

Year

2015

F4

The North Charleston and Watlerboro Readiness Centers do not comply with Anti-Terrorism/Force Protection (ATFP) standards, lacks adequate training areas, supply room and arms vault space, administrative space, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, and unheated storage space.

IMPACT IF NOT PROVIDED:

Code

45D83

UID

If this project is not provided, units assigned to the North Charleston and Walterboro Readiness Centers will continue not having the authorized space to perform Mission Essential Task List (METL) tasks, store authorized equipment, perform personnel counseling, etc., which will have a negative impact on the readiness levels of the assigned units.

Without this project, the large number of Soldiers and the heavy use of undersized facilities will increase the wear and tear on current facilities, equipment and sites, which will require additional O&M cost to sustain facilities and maintain equipment.

If this project is not provided, the units impacted will continue to be forced to perform operator level equipment maintenance at an alternate site which reduces the time available for units to conduct maintenance on assigned equipment.

Not having this project will negatively impact Retention because Soldier morale will continue to suffer since the Soldiers do not have the required areas to perform their military duties.

Not having this project will negatively impact organizational and Military Owned Vehicle (MOV) parking because the sites that WY19AA and WVCJTO were reassigned to do not have adequate parking to support the assigned units. The units are being forced to park equipment on every available parcel of land on the sites. This practice leads to damage to the site and grounds and could potentially create environmental issues.

(CONTINUED)

1. COMPONENT					2. DATE
	FY 2021 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Joint Base Charleston					
South Carolina			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	519		
0505896A	17180	450109		Approp	15,000
IMPACT IF NOT PROVIDE	D: (CONTINUED)			•	

Not having this project impacts Antiterrorism/Force Protection (AT/FP) because both the North Charleston & Walterboro Readiness Centers were constructed prior to AT/FP construction criteria and do not provide adequate AT/FP for the assigned Soldiers. The lack of AT/FP measures on the sites creates a vulnerability.

Not having this project negatively impacts Organizational Storage. Though there is minimal impact at Walterboro, there is a major impact at North Charleston. With three units assigned to North Charleston, units are forced to store Military Table of Organization and Equipment (MTOE) and Common Table of Allowances (CTA) equipment in unsecured locations within the facility.

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

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.

1. COMPONENT						2. DATE
		FY 2021 MII	JITARY CONSTRUC	TION PROJECT	C DATA	
ARNG		0.77		A DDO TROM MIMI		FEBRUARY 2020
3. INSTALLATION A				4. PROJECT TITL	E	
Joint Base C South Caroli		on		NATIONAL GU	IARD READINE	'SS CENTER
5. PROGRAM ELEMEN		6. CATEGORY CODE	7. PROJECT		8. PROJECT (
			85	5519		
0505896A		17180	l l	50109	Approp	15,000
12. SUPPLEM	ENTAL D	ATA:				
A. Esti	mated D	Design Data:				
(1)	Status	3 :				
	(a) D	Design Start Dat	AUG 2019			
	(b) F	Percent Complete	35			
	(c) I	Date 35% Designe	d			JAN 2020
	(d) I	Date Design Comp	lete			DEC 2020
	(e) F	Parametric Cost	Estimating Used	d to Develop	Costs	NO
	(f) I	Type of Design C	ontract: Desig	gn-bid-build		
		An energy study			is will be	
	d	documented durin	g the final des	sign.		
(2)	Basis:	:				
	(a) S	Standard or Defi	nitive Design:	NO		
(3)	Total	Design Cost (c)	= (a) + (b) OR	(d)+(e):		(\$000)
	(a) F	Production of Pl	ans and Specif:	ications		899
	(b) A	All Other Design	Costs			509
	(c) I	Total Design Cos	t			1,408
	(d) C	Contract				1,408
	(e) I	In-house				0
(4)	Constr	ruction Contract	Award			MAY 2021
(5)	Constr	ruction Start				JUL 2021
(6)	Constr	ruction Completi	on			MAY 2023

1. COMPONENT					2. DATE
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Joint Base Charleston					
South Carolina			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	519		
0505896A	17180	45	0109	Approp	15,000
12. SUPPLEMENTAL DATA	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)
NEPA (EA)	OMNG	2020	69
F F & E	OMNG	2022	750
Kitchen Equipment (Type C)	OMNG	2022	50
ESS (171R)	OPA	2022	54
Info Sys - ISC	OPA	2022	412
Info Sys - PROP	OMNG	2022	190
		Total —	1,525

	COLEDONT	I	0001 ar				To =====	
1.	COMPONENT			JARD AND RESER	/E		2. DATE	
	ARNG		MILITARY	CONSTRUCTION			FEBRUA.	RY 2020
3.	INSTALLATION AND I	OCATION					4. AREA C	ONSTRUCTION
	McMinnville		IN	SNO= 47C31			COST I	NDEX
	Tennessee							.92
5.	FREQUENCY AND TYPE	OF UTILIZATION					•	
	Administration 5 d	lays/week, with 2	-day training	assembly 2-3	times/month.			
6.	OTHER ACTIVE/GUARD							
	ARNG Sparta, Ti			Readiness Cent				
	ARNG Tullahoma	, TN	35.00 miles	Readiness Cent	ter 4,46	L m2	(48,020 SF)	2011
	ARNG Dunlap, Ti	Ŋ	36.00 miles	Readiness Cent	ter 1,59	5 m2	(17,172 SF)	1994
7.	PROJECTS REQUESTED	IN THIS PROGRAM	 [
	CATEGORY					COST	DESTON	STATUS
	CODE PROJECT	יי דיידי די			SCOPE	(\$000)		CMPL
			O GENEED	2 7022				
	1/180 NATIONA	L GUARD READINESS	5 CENIER	3,792 1112	(40,817 SF)	11,200	JAN 2019	SEP 2020
8.	STATE GUARD/RESERV	E FORCES FACILIT	'IES BOARD REC	OMMENDATION				
	FACILITIES IDENTIF	TIED IN ITEM #6 H	AVE BEEN EXAM	INED BY THE ST	ATE RESERVE FO	RCES	12 M	AR 2019
	FACILITIES BOARD F	OR POSSIBLE JOIN	T USE/EXPANSI	ON. THE BOARD	RECOMMENDATION	IS ARE	(1	Date)
	UNILATERAL CONSTRU	CTION.						
_								
9.	LAND ACQUISITION F	REQUIRED						
	None							0
							(Number of	acres)
10	. PROJECTS PLANNED	IN NEXT FOUR YEA	RS					
	CATEGORY							COST
	CODE PROJECT	ת.דיד.ב			SC	OPE		(\$000)
						<u> </u>		(4000)
	NONE							
	110112							
	DEFERRED SUSTAINME	NT, RESTORATION,	AND MODERNIZ	ATION (SRM):	8,500			
	A SITE SURVEY HAS				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
	THE ECTIMATED COOR		ND THE SITE I	S SUITABLE FOR	CONSTRUCTION	OF THE	PROPOSED PI	ROJECT AT
	THE ESTIMATED COST		ND THE SITE I	S SUITABLE FOR	CONSTRUCTION	OF THE	PROPOSED PI	ROJECT AT
11	THE ESTIMATED COST	INDICATED.		S SUITABLE FOR	CONSTRUCTION	OF THE	PROPOSED PI	ROJECT AT
11		INDICATED.		S SUITABLE FOR	CONSTRUCTION	OF THE	PROPOSED PI	ROJECT AT
11		INDICATED. TH AS OF 17 OCT 2		S SUITABLE FOR		OF THE		ROJECT AT
11		INDICATED. TH AS OF 17 OCT 2	018 MANENT	S SUITABLE FOR		GUARD/RE	ESERVE	ROJECT AT
11		TINDICATED. THAS OF 17 OCT 2	018 ANENT C ENLISTED			GUARD/RE	ESERVE	
11	. PERSONNEL STRENGT	TINDICATED. THAS OF 17 OCT 2 PERM TOTAL OFFICER	018 IANENT E ENLISTED 5	CIVILIAN) TOTAL	GUARD/RE	ESERVE PICER ENLI	ISTED
11	. PERSONNEL STRENGT	TINDICATED. TH AS OF 17 OCT 2 PERM TOTAL OFFICER 5	018 IANENT E ENLISTED 5	CIVILIAN 0		GUARD/RE	ESERVE LICER ENL	ISTED 143
	. PERSONNEL STRENGT AUTHORIZED ACTUAL	PERMITTED TO THE AS OF 17 OCT 2 PERMITTED TO THE AS OF 17 OCT 2 PERMITTED TO THE AS OF 17 OCT 2 TOTAL OFFICER 5 0 3 0	018 IANENT E ENLISTED 5	CIVILIAN 0		GUARD/RE	ESERVE LICER ENL	ISTED 143
	. PERSONNEL STRENGT	PERMITTED TO THE AS OF 17 OCT 2 PERMITTED TO THE AS OF 17 OCT 2 PERMITTED TO THE AS OF 17 OCT 2 TOTAL OFFICER 5 0 3 0	018 IANENT E ENLISTED 5	CIVILIAN 0		GUARD/RE	ESERVE 'ICER ENLI 5 5	143 143
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA	PERMITTED TO THE AS OF 17 OCT 2 PERMITTED TO THE AS OF 17 OCT 2 PERMITTED TO THE AS OF 17 OCT 2 TOTAL OFFICER 5 0 3 0	018	CIVILIAN 0 1		EUARD/RE	ESERVE CICER ENLI 5 5 5 STRE	143 143 143
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	PERM TOTAL OFFICER 3 0	O18 ANENT ENLISTED 5 2 UIC	CIVILIAN 0 1		EUARD/RE	ESERVE ICER ENLI 5 5 STREI AUTHORIZEI	ISTED 143 143 NGTH D ACTUAL
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINEL	PERM TOTAL OFFICER 5 0 3 0 0 ARMS BN ()	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE	ESERVE CICER ENLI 5 5 STREI AUTHORIZEI 135	143 143 NGTH 2 ACTUAL 5 135
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION	PERM TOTAL OFFICER 5 0 3 0 0 ARMS BN ()	O18 ANENT ENLISTED 5 2 UIC	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE	ESERVE CICER ENLI 5 5 STREI AUTHORIZEI 135	143 143 NGTH 2 ACTUAL 5 135 3 13
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINEL	PERM TOTAL OFFICER 5 0 3 0 0 ARMS BN ()	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE	ESERVE CICER ENLI 5 5 STREI AUTHORIZEI 135	143 143 NGTH 2 ACTUAL 5 135 3 13
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINEL	PERM TOTAL OFFICER 5 0 3 0 0 ARMS BN ()	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		GUARD/RE OFF DA G71 G85	ESERVE TICER ENLI 5 5 STREI AUTHORIZEI 138 148	143 143 NGTH 2 ACTUAL 5 135 3 13 3 148
	. PERSONNEL STRENGT AUTHORIZED ACTUAL . RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINEL	PERM TOTAL OFFICER 5 0 3 0 0 ARMS BN ()	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		GUARD/RE OFF DA G71 G85	ESERVE CICER ENLI 5 5 STREI AUTHORIZEI 135	143 143 NGTH 2 ACTUAL 5 135 3 13 3 148
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINE) DET 6 TRP I SPT SQ	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		GUARD/RE OFF DA G71 G85	ESERVE TICER ENLI 5 5 STREI AUTHORIZEI 138 148	143 143 143 NGTH 2 ACTUAL 5 135 3 13 3 148
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SC	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF OA OA OA OA OA OA OA OA OA OA OA OA OA	ESERVE TICER ENLI 5 5 STRE AUTHORIZEI 135 148 gned/Author:	NGTH D ACTUAL 5 135 3 148 ized: 100%
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SC MAJOR EQUIPMENT A TYPE	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		GUARD/RE OFF DA G71 G85	ESERVE TICER ENLI 5 5 STREI AUTHORIZEI 133 148 gned/Author:	NGTH D ACTUAL 5 135 8 13 148 ized: 100%
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINEL DET 6 TRP I SPT SC MAJOR EQUIPMENT A TYPE WHEELED	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF OA OA OA OA OA OA OA OA OA OA OA OA OA	ESERVE TICER ENLI 5 5 STREI AUTHORIZEI 13 148 med/Author:	NGTH D ACTUAL 5 135 3 148 ized: 100% ACTUAL 5 5
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINEL DET 6 TRP I SPT SQ MAJOR EQUIPMENT A TYPE WHEELED TRAILERS	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF DA OG71 IG85 Assig	ESERVE TICER ENLI 5 5 STREE AUTHORIZEI 138 148 gned/Author:	NGTH 2 ACTUAL 5 135 3 148 ized: 100% ACTUAL 5 9
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SQ MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED	PERM TOTAL OFFICER 5 0 3 0 A D ARMS BN () DDN 278 ACR	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF DA OG71 IG85 Assig	SERVE SICER ENLI 5 5 STREI AUTHORIZEI 138 148 med/Author:	143 143 NGTH 2 ACTUAL 5 135 3 13 148 ized: 100% ACTUAL 5 9 16
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SQ MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF DA OG71 IG85 Assig	ESERVE TICER ENLI 5 5 STREE AUTHORIZEI 138 148 gned/Author:	NGTH 2 ACTUAL 5 135 3 148 ized: 100% ACTUAL 5 9
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SQ MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF DA OG71 IG85 Assig	SERVE SICER ENLI 5 5 STREI AUTHORIZEI 138 148 med/Author:	NGTH 2 ACTUAL 5 135 8 13 148 ized: 100% ACTUAL 5 9 16
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SQ MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMENT	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		EUARD/RE OFF DA OG71 IG85 Assig	STREE AUTHORIZER AUTHORIZER 138 148 gmed/Author: ED 5 9 16 1	NGTH 2 ACTUAL 5 135 3 148 ized: 100% ACTUAL 5 9 16 1
12	AUTHORIZED ACTUAL RESERVE UNIT DATA UNIT DESIGNATION TRP B (BN COMBINED DET 6 TRP I SPT SC MAJOR EQUIPMENT A TYPE WHEELED TRAILERS TRACKED EQUIPMEN' Fuel True	PERM TOTAL OFFICER 5 0 3 0 A A A A A A A A A A A A A A A A A A A	018 MANENT R ENLISTED 0 5 0 2 UIC WX4UB0	CIVILIAN 0 1 1 TPSN 22078		DA DA ASSIG	STREE AUTHORIZEE AUTHORIZEE 135 148 gned/Author: ED 5 9 16 1 0	NGTH D ACTUAL 5 135 3 148 ized: 100% ACTUAL 5 9 16 1 0

1.	COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE	
	ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020	
3.	INSTALLATION AND I	L JOCATION	4.	AREA CONSTRUC	TION
	McMinnville	INSNO= 47C31		COST INDEX	
	Tennessee	17031		.92	
1.4		TION AND SAFETY DEFICIENCIES			
14	. OUTSTANDING POLLC				
		(\$000			
	A. AIR PO)		
)		
	C. OCCUPA	ATIONAL SAFETY AND HEALTH)		

1. COMPONENT					2. DATE			
	FY 2021 MILITARY	ATA						
ARNG					FEBRUARY 2	2020		
3. INSTALLATION AND LOCATIO	N		4. PROJECT TITLE					
McMinnville								
Tennessee			NATIONAL GUAR	D READINESS	CENTER			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Γ (\$000)			
		85	525					
0505896A	17180	47	470030 Approp		11,200			
9 COST ESTIMATES								

	9. COST ESTIMATES										
ITEM	UM	(M/E)	QUAN	TITY		UNIT COST	COST(\$000)				
PRIMARY FACILITY							8,565				
17180 Readiness Center	m2	(SF)	3,216 ((34,617)	2,037	(6,551)				
21411 Detached General Purpose Trainin	m2	(SF)	492.20 ((5,298)	2,476	(1,219)				
44224 Unheated Storage Building	m2	(SF)	64.66 ((696)	1,615	(104)				
44228 Controlled Waste Facility	m2	(SF)	8.92 ((96)	1,894	(17)				
44150 Flammable Materials Facility	m2	(SF)	10.22 ((110)	1,367	(14)				
Total from Continuation page(s)							(660)				
SUPPORTING FACILITIES							1,744				
Electric Service	LS		-				(67)				
Water, Sewer, Gas	LS		-				(217)				
Paving, Walks, Curbs And Gutters	LS		-				(712)				
Storm Drainage	LS		-				(124)				
Site Imp(257) Demo()	LS		-				(257)				
Information Systems	LS		-				(36)				
Antiterrorism Measures	LS		-				(122)				
Other	LS		-				(209)				
ESTIMATED CONTRACT COST							10,309				
CONTINGENCY (5.00%)							515				
SUBTOTAL							10,824				
SUPV, INSP & OVERHEAD (3.47%)							376				
TOTAL REQUEST							11,200				
TOTAL FEDERAL REQUEST							11,200				
TOTAL FEDERAL REQUEST (ROUNDED)							11,200				
INSTALLED EQT-OTHER APPROP							(1,130)				

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; General Purpose Training Bay, Unheated Storage Building, Flammable Materials Storage Building, Backup/Emergency Generator, Controlled Waste Facility, Rigid Pavement for MEP, enhanced antiterrorism and force protection, and Sustainability / Energy Measures. 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 42 U.S. Code 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy update Dec 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 41,009 SQFT. Disposal of 1 building at Concord St Readiness Center, TN (Total 161 m2/1,728 SF), 2 buildings at McMinnville Readiness Center, TN (Total 1,583 m2/17,040 SF), 1 building at Oak Ridge Readiness Center, TN (Total 1,207 m2/12,987 SF), and 1 building at Smithville Readiness Center, TN (Total 861 m2/9,264 SF). Air Conditioning

1. COMPONENT						2. DA	ГЕ
	FY 2021 MILITA	ARY (CONSTRUC	TION PROJECT I	DATA		
ARNG						FE	BRUARY 2020
3. INSTALLATION AND LOCATIO	N			4. PROJECT TITLE			
McMinnville							
Tennessee				NATIONAL GUAF	RD READ	INESS CEN	TER
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER	8. PROJE	CT COST (\$00	0)
			85	5525			
0505896A	17180		47	70030	Approp	11	,200
9. COST ESTIMATES (C	CONTINUED)						
						UNIT	COST
ITE	2M	UM	(M/E)	QUANTITY		COST	(\$000)
PRIMARY FACILITY (CO	ONTINUED)						
81160 Backup/Emerger	ncy Generator	EA		1		150,000	(150)
85210 Rigid Pavement	for MEP	m2	(SY)	1,651 (1,975)	110.03	(182)
88042 Enhanced AT/FE		LS					(160)
Sustainability	//Energy Measures	LS					(168)
						Total	660

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

(Estimated 471 kWr/134 Tons).

11. REQ: 3,792 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 40,817 SF National Guard Readiness Center that supports training, administrative, and logistical requirements of the TNARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed units: WX4UBO, Combined Arms HBCT Company, TRP B, 2/278 Infantry; WTQ0J6, Det 6 Trp I Spt Sqdn, 278 ACR.

CURRENT SITUATION: This project is critical to the state of Tennessee due to the current situation of existing facilities not complying with NG Pam 415-12 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with disabilities Act (ADA), and Anti-terrorism Force Protection (ATFP) requirements. The unit is currently operating in a facility that is 30% of their space authorization. There is a lack of training, administrative, supply room, arms vault, kitchen, toilets/showers, physical fitness, locker room, privately owned and military vehicle parking, and unheated storage space. MTOE equipment quantities exacerbate the space shortfall. Training space is currently short 3000 square feet and storage space is short nearly 6000 square feet.

The State of Tennessee 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 Tennessee.

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

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

The likelihood of fire without warning is "POSSIBLE" causing "CATASTROPHIC" risk of loss of life, permanent disability, or loss of the facility. State safety manager documented a lack of fire detection, warning, and protection in the facility.

The TNARNG Safety Office completed a Standard Army safety and Occupational Health Inspections (SASOHI), documenting increasing levels of mold due to wet conditions needing significant repair. POV parking is 75% less than what is needed, forcing the Soldiers to

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	ATA				
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
McMinnville			NAME ON A COLOR		CENTEED	
Tennessee			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
		85	525			
0505896A	17180	47	0030	Approp	11,200	

CURRENT SITUATION: (CONTINUED)

park in grass and on public streets, and potentially creating a HAZMAT environmental issue. The facility's front property has a marshy area due to improper storm water drainage from across the highway. A sinkhole exists approximately 150 ft from the main entrance and has been previously filled with loose aggregate material.

Over \$400,000 has been spent during the last five years to sustain this facility. The average utility cost is over \$50,000 per year.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
47C30	6134	17180	00001	2018	F4	04	C4	MCMINNVILLE ARMORY

This site does not meet ADA Standards for Accessibility and Design or NFPA codes and standards.

The current state property is 5.05 acres, which does not meet the minimum requirement for either non-congested areas or congested area. As such additional construction on the current site is not possible. Proximity of the building to parking and public streets doesn't meet current ATFP standards.

Personnel are forced to drive 45 miles to conduct maintenance operations because of the poor condition of the maintenance training bay building. During inclement weather training is conducted in the assembly hall because of no classroom space. Retention in an antiquated facility is more difficult when newer facilities for less-demanding MOS jobs are less than 50 miles away.

IMPACT IF NOT PROVIDED: If this project is not provided assigned personnel will be forced to continue to use substandard facilities. This negatively impacts Soldier readiness, morale, recruiting and retention. Administrative efficiency and training are degraded due to shortages in space. The kitchen is short 1000 square feet, causing the unit to contract feed and spend over \$13,000 per year. Maintenance personnel are driving 45 miles to conduct maintenance operations because of the poor condition of the current training bay building. Feeding and maintenance personnel training cannot replicate conditions or meet standards due to inadequate space, requiring more OPTEMPO funding to be expended to transport and support these Soldiers at another location. During in climate weather, the majority of their classroom training is conducted in the assembly hall because of the classroom space short fall. The unit's has less capability to maintain their equipment, provide adequate administrative support and properly train their soldiers. The current facility's lack of fire protection will continue to expose Soldiers to unnecessary risks. Retention of combat Soldiers in an antiquated facility without adequate organizational and non-organizational parking and equipment storage is more difficult when newer facilities for less-demanding MOS jobs are less than 50 miles away. Accountability of OCIE is more difficult because there is not enough room to store all individual equipment at the current location. This also causes organizational equipment to continue to be improperly stored, with a secondary effect of reduced maintenance due to the storage situation. The shortage of storage space will continue to force the unit to store their equipment in the assembly hall. The state will continue to

1. COMPONENT					2. DATE	
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT D	ATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
McMinnville			NA DI ONA L. GUAD		CENTED	
Tennessee			NATIONAL GUAR	D KEADINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
		85	525			
0505896A	17180	47	0030	Approp	11,200	
IMPACT IF NOT PROVIDE	D: (CONTINUED)			•		

attempt to maintain the facilities, consuming additional O&M funds needed for facilities that can be sustained. AT/FP requirements cannot be met or effectively mitigated at the current constrained site, resulting in military vehicle parking to fail physical security requirements. POV parking forces personnel to remain at risk unnecessarily.

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

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

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

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN	2019
(b)	Percent Complete as of January 2020		65
(c)	Date 35% Designed	JUN	2019
(d)	Date Design Complete	SEP	2020
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

1. COMPONENT					2. DATE
		FY 2021 MILTT	ARY CONSTRUCTIO	N PROJECT DATA	
ARNG		ri 2021 milli	ANI CONDINUCIIO	N IROUECI DAIA	FEBRUARY 2020
3. INSTALLATION A	ND LOCATION		4.	PROJECT TITLE	THEROTHET 2020
McMinnville					
Tennessee			NA	TIONAL GUARD READI	NESS CENTER
5. PROGRAM ELEMENT	Γ	6. CATEGORY CODE	7. PROJECT NUM		T COST (\$000)
			85525		
0505896A		17180	47003		11,200
12. SUPPLEME	ENTAL DAT	TA (CONTINUED)		-	
A. Esti	mated De	sign Data: (CONT)	INUED)		
	do	cumented during t	the final design	ı.	
		5	3		
(2)	Basis:				
(2)			D		
	(a) St	andard or Definit	tive Design: I	1 0	
	_				
(3)	Total D	esign Cost (c) =	(a)+(b) OR (d)	+(e):	(\$000)
	(a) Pr	oduction of Plans	s and Specificat	tions	622
	(b) Al	l Other Design Co	osts		352
	(c) To	tal Design Cost.			974
	(d) Co:	ntract			974
	(0) 111	1100000			
(4)	Constru	ation Contract A	ra red		MAD 2021
(4)	Constru	CCION CONCLACE AV	varu		MAR 2021
,_,	_				
(5)	Constru	ction Start			MAY 2021
(6)	Constru	ction Completion.			JUL 2023
P Fouri	nmont og	gogiated with thi	ia project which	n will be provided	from
other app			is project willci	i will be provided	TTOIII
CONTOL OFF.	-01-100-	0110		Fiscal Yea	r
Equipment			Procuring	Appropriat	
Nomenclat	ure		<u>Appropriati</u>	on Or Request	<u>ed</u> (\$000)
FF&E			OMNG	2022	560
Kitchen E	quipment	(Type C)	OMNG	2022	50
ESS (171R			OPA	2022	22
Info Sys	- ISC		OPA	2022	171
Info Sys	- PROP		OMNG	2022	328
				Total	1,130

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		T						
1.	COMPONENT		F	Y 2021 G	UARD AND RESERVE		2. DATE	
	ARNG			MILITAR	Y CONSTRUCTION		FEBRUAR	Y 2020
3.	INSTALLATION AND I	LOCATION					4. AREA CO	NSTRUCTION
	Fort Worth			IN	ISNO= 48C95		COST IN	DEX
	Texas							1.06
5.	FREQUENCY AND TYPE	OF UTILIZAT	TION				_	
	Maintenance operat	ions full ti	ime 5 days	/week an	d 1 weekend/month	for IDT Units.		
6.	OTHER ACTIVE/GUARI)/RESERVE INS						
	ARNG FORT WORT	H - SHOREVI	0.0	00 miles	Readiness Center	1,740 m2	(18,726 SF)	1955
	ARNG SAGINAW,	ΓX	10.0	00 miles	Maintenance Facil	ity 4,256 m2	(45,810 SF)	1992
	ARNG FORT WORTH	H - COBB PA	15.0	00 miles	Readiness Center	3,210 m2	(34,549 SF)	1958
	ARNG FORT WORTH	H - SANDAGE	15.0	00 miles	Readiness Center	2,506 m2	(26,978 SF)	1956
	ARNG ARLINGTON	, TX	24.0	00 miles	Readiness Center	1,057 m2	(11,380 SF)	1955
	ARNG WEATHERFO	RD, TX	28.0	00 miles	Readiness Center	1,426 m2	(15,348 SF)	1958
		TNI MILITA DD	200.314					
/.	PROJECTS REQUESTED) IN THIS PRO	JGRAM			go.g.	556565	
	CATEGORY PROJECT	TITLE			2227	COST		
		L GUARD VEHI	CLE		SCOPE	(\$000)		CMPL
	21407 MAINTEN	ANCE SHOP		2,595 m	n2 (27,933 SF)	7,800) JAN 2019	OCT 2020
8.	STATE GUARD/RESERV	E FORCES FAC	CILITIES B	OARD REC	OMMENDATION			
	FACILITIES IDENTIF	IED IN ITEM	#6 HAVE B	EEN EXAM	INED BY THE STATE	RESERVE FORCES	09 MA	Y 2019
					ON. THE BOARD RECO		-	ate)
	UNILATERAL CONSTRU			,			,	,
9.	LAND ACQUISITION F	REQUIRED						
	None							0
							(Number of	acres)
1.0	. PROJECTS PLANNED	TN NEXT FOIL	YEARS					
	CATEGORY	11, 1,2111 1001						COST
	CODE PROJECT	ידיידי די				SCOPE		(\$000)
	FROUECI	111111111111111111111111111111111111111				SCOFE		(\$000)
	NONE							
	NONE							
	DEFERRED SUSTAINME	ENT, RESTORAT	TION, AND	MODERNIZ	ATION (SRM):	7,500		
	A CIME CUDYEV UAC	DEEN COMPLET	וויים מואוג מימים	ים פיידים ד	C CIITTADI E EOD CON	CTRICTION OF THE	DDODOGED DD	אדם מיים איים
	THE ESTIMATED COST		LED AND IH	E SIIE I	S SUITABLE FOR CON	SIRUCIION OF THE	PROPOSED PR	JUECI AI
	THE ESTIMATED COST	INDICATED.						
11	. PERSONNEL STRENGT	TH AS OF 19 3	JUL 2018					
			PERMANENT	•		GUARD/R	RESERVE	
		TOTAL OF	FICER EN	ILISTED	CIVILIAN	TOTAL OF	FICER ENLIS	STED
	AUTHORIZED	32	0	0	32	0	0	0
	ACTUAL	19	0	0	19	0	0	0
12	. RESERVE UNIT DATA	Δ						
							STREN	GTH
	UNIT DESIGNATION			UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL
	EQ ONLY FMS 15 (EQ	P TX ספאום ביו	TAM CL	W8T215		NGW8T2AA	0	0
	-* 01171 1110 10 (E)	_ 111 111010 F1				1.0012111		0
							Ü	· ·
						7		
						ASS1	gned/Authori	zed: 0%
li.								

. COMPONENT	FY 2021 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
			4. AREA CONSTRUCTIO
Fort Worth	INSNO= 48C95		COST INDEX
Texas	11616 16675		1.06
	TO A TO COATE		1.00
3. MAJOR EQUIPMENT AN	ID ALRCRAFT	3.1m110D.1.2m1	D. A. CITILLA I
TYPE		AUTHORIZE	
WHEELED		24	
TRAILERS		43:	
TRACKED			5 0
EQUIPMENT		6	
Fuel Truc	ζ.		9 0
HET			00
TOTALS		75:	3 18
1 OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
i. Colbinibling roller	ION IND GIRBIT BEITEIBNOID	(\$000)
A. AIR PO	LITTON		0
			0
B. WATER			
C. OCCUPA	FIONAL SAFETY AND HEALTH	'	0

1. COMPONENT						2. Di	ATE
	FY 2021 MILITAE	RY (CONSTR	UCTION PROJE	CT DATA		
ARNG 3. INSTALLATION AND LOCAL				TA DROTHOM M	=== =	FE	BRUARY 2020
	rion			4. PROJECT T	ITLE		
Fort Worth Texas					GUARD VEHIC	CLE MAINT	TENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT NUMBER	8. PROJE	CT COST (\$0	00)
				86691			
0505896A	21407			481315	Approp	7	7,800
		 	COST EST	-		ı	T
	ITEM	UM	(M/E)	QUANT	ITY	UNIT COST	COST(\$000)
PRIMARY FACILITY	~ 1		/ CD \	2 202 /	04 707)	0 407	6,234
21407 Maintenance	_	l l	(SF)	2,303 (2,487	1
21470 Bulk POL Sto		1	(SF)	35.77 (1,184	•
44240 Flammable Ma		1	(SF)	61.32 (1,184	•
44228 Controlled W	-	1	(SF)	30.66 (1,130	1
44224 Enclosed Unh		m∠	(SF)	164.53 (1,771)	1,130	(186)
Total from Conti							(172)
SUPPORTING FACILIT	<u>'IES</u>						944
Electric Service		LS		_	_		(45)
Water, Sewer, Gas	-1 7	LS		_	_		(140)
Paving, Walks, Cur	ibs And Gutters	LS		_	_		(452)
Storm Drainage		LS		_	_		(106)
Site Imp(62) Demo(LS		_	_		(62)
Information System Antiterrorism Meas		LS		_	_		(12)
	ures	LS		_	_		(67)
Other		LS		_	_		(60)
ESTIMATED CONTRACT		+					7,178
CONTINGENCY (5.00%							359
SUBTOTAL	,						7,537
SUPV, INSP & OVERH	HEAD (3.49%)						263
TOTAL REQUEST							7,800
TOTAL FEDERAL REQU	JEST						7,800
TOTAL FEDERAL REQU							7,800
INSTALLED EQT-OTHE							(1,330)
	sed Construction A spec	ial	ly des	signed Nation	nal Guard V	rehicle M	
	nent construction. Th						
	owing items that are						
Parking (Paved), F	Bulk POL Storage, Con	tro	lled W	Naste Facilit	ty, Enclose	d Unheat	ed Storage,
and Flammable Mate	erials Facility. Comp	reh	ensive	e interior de	esign will	be inclu	ded on this
project. This faci	ility will be designe	d t	o meet	Industry St	tandards as	well as	all local,
State, and Federal	building codes and	as j	per 42	U.S. Code	4154. Const	ruction	will include
all utility service	ces, information syst	ems	, fire	e detection a	and alarm s	ystems,	roads,
walks, curbs, gutt	ters, storm drainage,	pa:	rking	areas, and s	site improv	ements.	Facilities
	to a minimum life of						
Code (UFC 1-200-02	2) including energy e	ffi	cienci	les, building	g envelope	and inte	grated
building systems p	performance as per AS.	A(I	E&E) S	Sustainable I	Design and	Developm	ent Policy
1	ess for individuals w						
measures in accord	dance with the DoD Mi	nim	um Ant	titerrorism 1	for buildin	g standa	rds will be
provided. This pro	oject will comply wit	h t	he Arn	ny 1 SQFT for	r 1 SQFT di	sposal p	olicy
through the dispos	sal of 37,565 SQFT. D	isp	osal d	of 1 building	g at Fort W	olters,	TX (Total
538 m2/5,788 SF),	and 2 buildings at S	hor	eview	Readiness Co	enter, TX (Total 2,	952
m2/31,777 SF). Ai	ir Conditioning (Esti	mat	ed 77	kWr/22 Tons).		
0.505							
11. REQ: 2,595	m2 ADQT:			NONE	SUBSTD:		NONE

1. COMPONENT						2. D	ATE
	FY 2021 MILITA	ARY (CONSTRUC	CTION PROJECT I	ATA		
ARNG						FI	EBRUARY 2020
3. INSTALLATION AND LOCATION				4. PROJECT TITLE		•	
Fort Worth							
Texas				NATIONAL GUAR	D VEHIC	LE MAIN	TENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	T NUMBER	8. PROJEC	T COST (\$0	00)
			8	6691			
0505896A	21407		4	81315	Approp	!	7,800
9. COST ESTIMATES (C	ONTINUED)						
ITE	М	UM	(M/E)	OUANTITY		UNIT COST	COST (\$000)
IIE	'1	OM	(M/E)	QUANTITI		COSI	(\$000)
PRIMARY FACILITY (CO	NTINUED)						
85210 Rigid Pavement	for MEP	m2	(SY)	397.16 (475)	125.58	(50)
Sustainability	/Energy Measures	LS					(122)
						Total	172

PROJECT: To construct a 27,933 SQFT National Guard Vehicle Maintenance Shop that provides space to maintain vehicles and associated equipment for all levels of maintenance below depot level for TOE/TDA equipment of the TXARNG. This facility will be built on State land. (Current Mission)

REQUIREMENT: This facility is designed to meet the authorized space and functional requirements of the authorized Full-Time maintenance soldiers of the TXARNG Field Maintenance, FMS#15 (UIC: W8T215). Additionally, the facility and its personnel support the 03/0144 INFANTRY BATTALION, HHC (UIC: WPEBT0), 949 COMBAT SUPPORT BATTALION W/FSC, HHD, CO A, Co B and Co E (UIC: WV55T0, A0, B0, E0), 211 ENGINEER DET (UIC:WX3MAA), 263 ENGINEER CO (UIC: WX3UAA) and 56/0036 INFANTRY HQ, CMBT (UIC: WX5MAA) benefiting soldiers of the TXARNG and improving mission readiness through maintenance of vehicles and trailers.

CURRENT SITUATION: This project is critical to the state of Texas due to the current situation of current facility failure to support this mission and does not comply with 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) requirements. The current facilities lack the administrative space, supply room space, toilets/showers, physical fitness space, locker room space and unheated storage space. Renovation is imprudent because the orientation of work bays at the existing facility does not align with current best practices for design and operation of a Maintenance Facility. Current facilities have exceeded their useful life and are not configured in a way to provide best use. Storage facilities can no longer be used due to structural concerns.

The State of Texas 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 Texas.

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

The facility where the current operations are being conducted was constructed in 1951.

The current facilities have a Risk Assessment Code (RAC) of "Critical". This was arrived at through a Hazard Severity Code of "Catastrophic" for the potential loss of a facility due to structural degradation. The Accident Probability Code associated with this hazard was judged to be "Probable" due to the facility age and current condition.

Site Site Cat FACNO ISR-I F Q C Local

1. COMPO	NENT									2. DATE	
			FY 2	021 MIL	ITARY C	ONSTRUCT	CION PRO	JECT I	DATA		
	ARNG									FEBRUARY	2020
3. INSTA	LLATION AN	ND LOCATION					4. PROJECT	TITLE			
Fort W	orth										
Texas							NATIONA	L GUAR	D VEHICLE	MAINTENANCE	SHOP
5. PROGR	AM ELEMENT		6. CATEGO	RY CODE	1	7. PROJECT	NUMBER		8. PROJECT C	COST (\$000)	
						86	691				
050589	бA		21	407		48	1315		Approp	7,800	
CURREN	T SITUA	TION: (C	ONTINUE	D)					•		
Code	UID	Code		Year	Rating	Rating	Rating	Name			
48C95	5064	21407	00001	2016	F3	Q4	C4	NG VE	HICLE		
								MAINT	EANCE FAC	ILITY	

IMPACT IF NOT PROVIDED: If this project is not provided, the present facility's lack of adequate space will reduce maintenance efficiency and training and mobilization readiness standards will continue to decline. Due to the decentralized nature of buildings that comprise FMS#15, routine maintenance on TOE/TDA equipment is inefficient and ineffective, causing operational short-comings, excessive work loads, scheduling conflicts and backlogged work orders at the nearby Saginaw CSMS. The maintenance activity's ability to meet its maintenance missions will continue to be adversely affected if the personnel are not provided with the proper facilities, equipment, and environment that they require. Most importantly, the health and well being of the Soldiers will continue to be placed at risk by the failed safety requirements and not meeting minimum AT/FP standoff distances. ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

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

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

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

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

L. COMPONENT				2. DATE
	FY 2021 MILITARY	CONSTRUCTION PRO	JECT DATA	
ARNG				FEBRUARY 2020
3. INSTALLATION AND LO	CATION	4. PROJECT	T TITLE	
Fort Worth				
Texas	1		L GUARD VEHICLE	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	ST (\$000)
0505896A	21407	86691 481315	Approp	7,800
12. SUPPLEMENTA				
A. Estimate	ed Design Data:			
(1) Sta	atus:			
(a)) Design Start Date			JAN 2019
(b)	Percent Complete as of	January 2020		65
(c)	Date 35% Designed			JUN 2019
(d)	Date Design Complete			OCT 2020
(e)) Parametric Cost Estima	ting Used to Dev	elop Costs	NO
(f)) Type of Design Contrac	t: Design-bid-b	uild	
(g)) An energy study and li	fe cycle cost an	alysis will be	
	documented during the	final design.		
(2) Bas	sis:			
(a)) Standard or Definitive	Design: NO		
(3) Tot	tal Design Cost (c) = (a)	+(b) OR (d)+(e):		(\$000)
(a)				432
(b)				245
(c)				677
(d)				677
(e)				
(0)	, === =================================			
(4) Cor	nstruction Contract Award			MAR 2021
(5) Cor	nstruction Start			APR 2021
(6) Cor	nstruction Completion			APR 2023
D. Danidaman			1 ha	
other appropr	nt associated with this priciations:	roject which wir	i be provided in	JIII
			Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
F F & E		OMNG	2022	390
ESS (214L) Info Sys - IS		OPA OPA	2022 2022	678 56
Info Sys - Is Info Sys - PF		OMNG	2022	206
IIIIO DYB PI		OT-TIAO	2022	200
			Total	1,330

1	COMPONENT		Ext 0001 -	WIADD AND DECEDING		10	
1.	COMPONENT			SUARD AND RESERVE		2. DATE	37. 2022
	ARNG		MILITAR	Y CONSTRUCTION		FEBRUAF	KI 2020
_	THOMALIAMION AND I	одантом				4 1000 00	NIGHDIIGHT ON
3.	INSTALLATION AND L	OCATION		JGNO- 40D02			ONSTRUCTION
	Fort Worth		11	NSNO= 48D02		COST IN	
	Texas						1.06
5.	FREQUENCY AND TYPE						
	Maintenance operat	ions full time 5	days/week an	nd 1 weekend/month for	IDT Units.		
6.	OTHER ACTIVE/GUARD	/RESERVE INSTALL	ATIONS WITHIN	N 15 MILE RADIUS			
	ARNG Fort Worth	n - Shorevi	1.00 miles	Readiness Center	4,756 m2	(51,188 SF)	1954
	ARNG Fort Worth	n - Shorevi	1.00 miles	Maintenance Facility	1,723 m2	(18,551 SF)	1949
		n AFRC, TX		USAR Center	0 m2	(1 SF)	2018
	ARNG Saginaw, T			Maintenance Facility	5,524 m2	(59,457 SF)	1992
	ARNG Fort Worth			Readiness Center		(26,978 SF)	
	ARNG Fort Worth	_		Readiness Center	·	(35,549 SF)	1958
	ARNG FOIL WOILI	r = CODD Pa	9.00 miles	Readiness Center	3,303 1112	(35,549 5F)	1936
7.	PROJECTS REQUESTED	IN THIS PROGRAM					
	CATEGORY PROJECT	TITLE			COS	T <u>DESIGN</u>	STATUS
	CODE AIRCRAFT	Γ MAINTENANCE		SCOPE	(\$00	0) START	CMPL
	21110 HANGAR A	ADD/ALT	2,800	m2 (30,140 SF)	6,0	00 MAY 2019	SEP 2020
8	STATE GUARD/RESERV	E FORCES FACTITE	ES BOARD PE	COMMENDATION			
٠.				COMMENDATION MINED BY THE STATE RES	SERVE FORCES	∩ о мл	Y 2019
				ON. THE BOARD RECOMME		-	Date)
	UNILATERAL CONSTRU		OSE/EAFANS.	ION. THE BOARD RECOMM	INDATIONS AKI	5 (L	Jace /
	ONIBATERAL CONSTRO	CIION:					
9.	LAND ACQUISITION R	EQUIRED					
	None						0
						(Number of	acres)
10	. PROJECTS PLANNED	TN NEXT FOUR VEAF	29				
10	CATEGORY	IN NEXT FOOK TEAL	CD				COST
		ידייד ה			CCODE		
	CODE PROJECT T	GUARD VEHICLE MA	TAMBATANGE GU	OP 2,595	SCOPE (27 03)) (E)	(\$000) 7,800
	21407 NATIONAL	GUARD VEHICLE MA.	INIENANCE SH	OP 2,595	m2 (27,93	5 SF)	7,800
	DEFERRED SUSTAINME	NT, RESTORATION,	AND MODERNI	ZATION (SRM): 4,5	515		
	א פווס פווס ארט אאפ	REEN COMPLETED AN	. שידוף שויי חו	IS SUITABLE FOR CONSTR	DIICTION OF T	TE DDODOGED DE	O.TECT AT
	THE ESTIMATED COST		VD THE SITE	IS SOLIABLE FOR CONSIL	COCITON OF I	IE PROPOSED PR	COUECT AT
11	. PERSONNEL STRENGT	H AS OF 15 AUG 20	018				
		PERMA	ANENT			/RESERVE	
		TOTAL OFFICER		CIVILIAN			STED
	AUTHORIZED	22 7	1	14	0	0	0
	ACTUAL	22 7	1	14	0	0	0
12	. RESERVE UNIT DATA						
						STREN	
	UNIT DESIGNATION		UIC		MTOE/TDA	AUTHORIZED	
	TXARNG AASF#3 (AVN	EQP SPT)	W8R8A	A	NGW8R8AA	0	
						0	0
					Ass	signed/Authori	zed: 0%
li.							

COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2.	DATE FEBRUARY 2020
Aidio	MINITARY CONSTRUCTION		PEDROART 2020
INSTALLATION AND L	OCATION	4.	AREA CONSTRUCTIO
Fort Worth	INSNO= 48D02		COST INDEX
Texas			1.06
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE		AUTHORIZED	ACTUAL
WHEELED		4	
TRAILERS		4	4
TRACKED		0	(
EQUIPMENT	: > 30 FT	0	(
Fuel Truc	ek	0	(
HET		0	
C-12D/F/R	2	0	(
C-12J		0	(
C-23		0	(
C-26		0	(
UC-35		0	(
OH-58		0	(
OH-58D		0	(
UH-1		0	(
AH-64		0	(
UH-60		0	(
UH-72A		0	(
CH-47		0	
TOTALS		8	14
	OLLUTION POLLUTION ATIONAL SAFETY AND HEALTH	0 0 0	

						I a = -	
1. COMPONENT	DV 0001 MTT 1		CONCER	NICETON DROTE	Cm	2. DA	ATE
ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA					FEBRUARY 2020	
3. INSTALLATION AND LO	~ATTON			4. PROJECT TI	TI.E	I FE	BRUARI 2020
Fort Worth Texas				Addition/	MAINTENANCI Alteration	L HANGAR	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJ	ECT NUMBER		CT COST (\$00	00)
				94299			
0505896A	21110			481911	Approp	Approp 6,000	
		9.	COST EST	'IMATES	'		
	ITEM	UM	(M/E)	QUANTI	TY	UNIT COST	COST(\$000)
PRIMARY FACILITY							5,147
14110 Aviation O	pns Sprt Building I	Add m2	(SF)	722.04 (7,772)	2,993	(2,161)
		m2	(SF)	268.95 (2,895)	4,198	(1,129)
21110 Aviation H	angar O&M Alteration	n m2	(SF)	1,707 (18,369)	764.24	(1,304)
	round Sprt Bldg Add		(SF)	102.56 ((307)
81160 Backup/Eme		EA		1		145,000	(145)
_	lity/Energy Measure	s LS			_		(101)
SUPPORTING FACIL							166
Site Imp(154) De		LS			_		(154)
Information Syst		LS			_		(10)
Antiterrorism Me		LS					(2)
Andree Torism Me	asures	LIS					(2)
ESTIMATED CONTRA	CT COST						5,313
CONTINGENCY (5.0	0%)						266
SUBTOTAL							5,579
SUPV, INSP & OVERHEAD (3.55%)							198
DESIGN/BUILD-DES	IGN COST (4.00%)						223
TOTAL REQUEST							6,000
TOTAL FEDERAL RE	QUEST						6,000
TOTAL FEDERAL REQUEST (ROUNDED)							6,000
INSTALLED EQT-OTHER APPROP							(1,602)
	posed Construction A S	pecial	lv des	signed Aircra	ft Mainten	ance Han	
	uction. The Aircraf						
	lowing items that a						
	Addition, Aviation						
	ion, and Backup/Eme:						
	uested. This facili			_			_
	ate, and Federal bu						alus as well
	l include all utili	_			_		
_	acilities will be do	_			_		
	ed Facilities Code						
_	egrated building sys						
_	Policy updated 2017						
	rrorism measures in						
building standards will be provided. This project will comply with the Army 1 SQFT for							
SQFT disposal policy through the disposal of 48,657 SQFT. Disposal of 1 building at Grand							
	eadiness Center, TX	(Tota	1 4,52	20 m2/48,657	SF). Air	Conditio	ning
(Estimated 401 k	Wr/114 Tons).						
11. REQ: 2,80	0 m2 ADOT:		546 m2	2	SUBSTD:	1,707	m2
	nstruct 11 771 SOFT	and a				•	

1. COMPONENT					2. DATE	
	FY 2021 MILITAR	Y CONSTRUC	TION PROJECT D	ATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Worth Texas			AIRCRAFT MAIN Addition/Alte	-	GAR	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	·	8. PROJECT COST	(\$000)	
0505896A	21110		94299 481911		6,000	

PROJECT: (CONTINUED)

that provides consolidated multipurpose space for the maintenance, repair, and major overhaul of military aircraft and may include maintenance bays, tech supply, production control, and quality control areas directly related to the maintenance and supervision of aircraft, component and assembly rebuilding, and quality control of aviation maintenance requirements for the TXARNG. This facility will be built on Federal Land. (Current Mission)

REQUIREMENT: This project is programmed to meet requirements of the Full-Time Soldiers of the TXARNG Aviation Support Facility (AASF) #3 (UIC: W8R8AA, E-Date: 01SEP17) in their mission of providing a centralized location designed to best maintain the combat readiness of aviation units assigned to the Texas Army National Guard (TXARNG) and stationed in the Fort Worth, TX area, in accordance with NGR 95-1 and NG Pam 750-2. AASF TDA's are "Equipment Only", meaning the personnel to utilize the equipment are provided from Unit MTOE's and Full-Time Manning (FTM) documents provided by NGB.

Two facilities have been identified at NAS Fort Worth JRB (BLDGs 1404 and 1405), which when combined come close to meeting the needs for AASF #3. The balance of required space can be constructed by adjoining the two facilities and expanding toward the rear access road. Additional unit support facilities already located at NAS Fort Worth JRB (gym, dining facilities, MWR facilities, etc.) along with the potential for joint training opportunities, make this a very attractive long term stationing option for the TXARNG. BLDGs 1404 and 1405 were constructed. An O&M project will be executed in FY 2020 to the existing aircraft parking area to include painting required markings, installing tiedowns, and installing static grounding points in accordance with UFC 3-260-1. CURRENT SITUATION: This project is critical to the state of TX due to the current situation of TXARNG AASF#3 operates out of a facility at Grand Prairie, TX alongside the Singaporean Army's CH-47 mission. Both hangars are leased from the City of Dallas and accessed from the same Access Control Point.

As of February 2018, that organization has decided to relocate their mission from the DFW area to Australia. This opens the TXARNG to risk since the new tenant of the facility to be vacated by the Singaporean Army will most likely be filled by a private organization, to be determined by the City of Dallas who owns the land and facility, and will require access through our site.

Further, the surrounding neighborhood to the Grand Prairie site has continued to grow and encroach on our operation. This has resulted in a number of noise and traffic complaints with regard to the operation of Chinook aircraft.

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

The site for this project is not in the possession of the state of TX.

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

The facility where the current operations are being conducted was constructed in 1976.

1. COMPONENT			2. DATE			
	FY 2021 MI	LITARY CONSTRUC	TION PROJECT	DATA		
ARNG			1		FEBRUARY 2020	
3. INSTALLATION AND LOC	4. PROJECT TITLE					
Fort Worth Texas			AIRCRAFT MAIN Addition/Alt	_	NGAR	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	T (\$000)	
0505896A	21110		1299 31911	Approp	6,000	
CURRENT SITUATION	N: (CONTINUED)					
Site Site Ca	t FACNO ISR-	I F Q	C Local	-		
Code UID Cod		Rating Rating	Rating Name			
48C20 5253 213	110 00001 2018	F3 Q2	C4 AIRCR	RAFT MAINT H	.GR	
TMD A CITE NOTE DD	OMIDED: If this			myana		
IMPACT IF NOT PRO	in a leased locati	project is not				
	the stationed uni					
_	Singaporean Army,					
	ugh our location,				. IIIIS Lacifity	
is accessed tillo	agii our location,	requiring uncon	iciolied acces	, s.		
The existing fac	ility is leased fi	com the City of	Dallas at a r	ate of \$480	/vear	
	stainable princip					
	ed into the design					
	nce detailed in th					
	pplicable laws and					
	PPIIOGOIO IGINO GIIG	2 0110000110 0100				
PHYSICAL SECURIT	Y: This project ha	as been coordina	ted with the	installatio	n physical	
	nd all physical se					
	RCE PROTECTION: The					
antiterrorism pla	an. Risk and threa	at analyses have	been perform	ned in accor	dance with DA	
Pam 190-51 and T	M 5-853-1, respect	tively. Protecti	ve measures r	equired by	regulation and	
	dards as required					
	andards for Build:		l. These requi	rements are	included in the	
description of co	onstruction and co	ost estimate.				
EGONOMIC ANIAINGI	Q: 7]++	-b-d- of mostins				
ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the						
	evelopment. Inis p	project is the c	only leasible	obrion to m	eet the	
requirement.						
JOINT HISE CERTIF	ICATION: The Deput	v Aggigtant Sec	retary of the	Δrmv (Ingt	allation and	
	es that this proje					
•						
requirements, operational considerations, and location are incompatible with use by other components.						
components.						
1.0						
12. SUPPLEMENTA	L DATA:					
	1.5.1.					
	d Design Data:					
(1) Sta	tus:					
(a)	Design Start Da	te			MAY 2019	

1. COMPONENT	2. DATE					
	FY 2021 MILITA					
ARNG		FEBRUARY 2020				
3. INSTALLATION AND L	OCATION	4. PROJE	CT TITLE	•		
Fort Worth Texas			FT MAINTENANCE HAI	NGAR		
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PRO			8. PROJECT COS	FECT COST (\$000)		
0505896A				6,000		
12. SUPPLEMENT.	· · · · · · · · · · · · · · · · · · ·					
	ed Design Data: (CONTI					
(b	_	-		65		
(c	SEP 2019 SEP 2020					
(d	(d) Date Design Complete					
(e	e) Parametric Cost Est	imating Used to De	velop Costs	NO		
(f	(f) Type of Design Contract: Design-build					
(g) An energy study and	l life cycle cost a	nalysis will be			
	documented during t	the final design.				
(2) Ba	sis:					
(a) Standard or Definit	ive Design: NO				
(3) To	tal Design Cost (c) =	(a)+(b) OR $(d)+(e)$:	(\$000)		
(a	0					
(b) All Other Design Co	Production of Plans and Specifications				
(c	(c) Total Design Cost					
(d	180					
(e						
(4) Co	nstruction Contract Aw	ard		MAR 2021		
(5) Co	nstruction Start	• • • • • • • • • • • • • • • • • • • •		MAY 2021		
(6) Co	nstruction Completion.			MAR 2023		
B Fauinme	ent associated with thi	s project which wi	ll be provided fro	nm .		
other approp		de l'orient ma	II De provided iiv	Jili		
			Fiscal Year			
Equipment		Procuring	Appropriated	Cost		
Nomenclature	•	Appropriation	Or Requested	(\$000)		
F F & E		OMNG	2022	300		
ESS (211A) OPA 2022 Info Sys - ISC OPA 2022				884		
Info Sys - I Info Sys - P	91 327					
Info Sys - PROP OMNG 2022						
			Total	1,602		

_									
1.	COMPONENT			UARD AND R			2. DATE		
	ARNG		MILITAR	Y CONSTRUC	TION		FEBRUAI	RY 2020	
3.	INSTALLATION AND I	OCATION					4. AREA CO	4. AREA CONSTRUCTION	
	Nephi		II	NSNO= 49A8	COST II	COST INDEX			
	Utah							1.14	
5.	FREQUENCY AND TYPE	OF UTILIZATION							
	Administration 5 d			assembly	2-3 times/	month.			
				,,					
6.	OTHER ACTIVE/GUARD	/RESERVE INSTAL	LATIONS WITHIN	N 15 MILE R	ADIUS				
	ARNG MT PLEASAN	IT, UT	33.00 miles	Readiness	Center	1,605 m2	(17,273 SF)	1982	
	ARNG SPANISH FO	ORK, UT	33.00 miles	Readiness	Center	4,207 m2	(45,280 SF)	1993	
	ARNG SPRINGVILI	E, UT	38.00 miles	Readiness	Center	1,722 m2	(18,537 SF)	1956	
	ARNG AM FORK, U	JT	55.00 miles	Readiness	Center	1,065 m2	(11,462 SF)	1956	
	ARNG LEHI, UT		66.00 miles	Readiness	Center	1,524 m2	(16,400 SF)	1958	
7.	PROJECTS REQUESTED	IN THIS PROGRA	M						
	CATEGORY					COS	T <u>DESIGN</u>	STATUS	
	CODE PROJECT	TITLE			SCOP	<u>(\$00</u>	0) START	CMPL	
	17180 Nationa	l Guard Readines	ss Center	5,075	m2 (54,6	528 SF) 12,0	00 JAN 2019	AUG 2020	
_	STATE GUARD/RESERV	E EODGEG EAGILI	TIEC DOADD DEC	NOMMENTO A TITO	NT.				
٥.	,						11 07		
	FACILITIES IDENTIF				-			EP 2018	
	FACILITIES BOARD F		NT USE/EXPANSI	ON. THE BO	ARD RECOMM	ENDATIONS ARE	Ξ (Ι	Date)	
	UNILATERAL CONSTRU	CTION.							
9.	LAND ACQUISITION R	EOUIRED							
`	None							0	
	None						(Number of		
							(Ivanibel Ol	dereb,	
10	. PROJECTS PLANNED	IN NEXT FOUR YE.	ARS						
	CATEGORY							COST	
	CODE PROJECT :	TITLE				SCOPE		(\$000)	
	NEPHI FMS				0	m2 ((SF)	0	
	DEFERRED SUSTAINME	NT, RESTORATION	, AND MODERNIZ	ZATION (SRM	12,	000			
	A SITE SURVEY HAS	BEEN COMPLETED	AND THE SITE 1	IS SHITTARLE	FOR CONST	RIICTION OF TH	TE PROPOSED PE	OTECT AT	
	THE ESTIMATED COST			o bollinger	TOR CONDI	NOCITON OF IT	IL TROPODED II	10011111	
	THE BOTTMITED COOT	INDICHIED.							
11	. PERSONNEL STRENGT	H AS OF 17 OCT	2018						
		PER	MANENT			GUARD	/RESERVE		
		TOTAL OFFICE	R ENLISTED	CIVILIAN		TOTAL (OFFICER ENLI	STED	
	AUTHORIZED	22	5 17	0		177	37	140	
	ACTUAL	22	8 14	0		173	35	138	
12	. RESERVE UNIT DATA								
	ONII DAIR						STREI	JCTH	
	UNIT DESIGNATION		UIC	din.	QM	MTOE/TDA	AUTHORIZEI		
l				_	SN E01				
l	CO A (HQ ENG BN)		WP18A0		501	05435KNG51	77		
	HHC (HQ ENG BN)		WP18T0		501	05435KNG51	82		
	(DET ENGR FACILITY		WY1RA/		528	05613KNG01	15		
l	RECRUITERS (BN UTA	H REC & RET)	W91TA9)		NGW91TAA	3		
							177	173	
l									
l						Ass	signed/Author:	ized: 98%	
1									

. COMPONE	TT	FY 2021 GUARD AND RESERVE	2.	. DATE
ARNG		MILITARY CONSTRUCTION		FEBRUARY 2020
. INSTALL	TION AND LOCATION		4.	. AREA CONSTRUCTIO
Nephi		INSNO= 49A86		COST INDEX
Utah				1.14
B. MAJOR	QUIPMENT AND AIRCRAFT			
	TYPE		AUTHORIZED	ACTUAL
	WHEELED		41	44
	TRAILERS		79	79
	TRACKED		4	4
	EQUIPMENT > 30 FT		8	8
	Fuel Truck		6	6
	HET		0	
	TOTALS		138	141
OTTTP CTT A	DING POLLUTION AND SAI	PETV DESTAISMAIS		
. 00151A	DING FOLLOTION AND SAI	EII DEFICIENCIES	(\$000)	
	A. AIR POLLUTION		(\$000)	
	B. WATER POLLUTION	THE AND LUDATION	0	
	C. OCCUPATIONAL SAFE	TY AND HEALTH	0	

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUCT	TION PROJECT 1	DATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Nephi						
Utah			National Guar	rd Readiness	Center	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
		85	532			
0505896A	17180	49	1201	Approp	12,000	
	9	COST ESTIMAT	ידכ	-		

	9. C	OST EST	FIMATES			
ITEM	UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						14,145
17180 Readiness Center	m2	(SF)	5,044 (54,	298)	2,632	(13,276)
44228 Controlled Waste Facility	m2	(SF)	30.66 (330)	1,076	(33)
81160 Backup/Emergency Generator	EA		1		150,000	(150)
85210 Rigid Pavement for MEP	m2	(SY)	3,254 (3,	892)	125.58	(409)
Sustainability/Energy Measures	LS					(277)
SUPPORTING FACILITIES						1,958
Electric Service	LS					(99)
Water, Sewer, Gas	LS					(298)
Paving, Walks, Curbs And Gutters	LS					(697)
Storm Drainage	LS					(100)
Site Imp(283) Demo()	LS					(283)
Information Systems	LS					(25)
Antiterrorism Measures	LS					(183)
Other	LS					(273)
ESTIMATED CONTRACT COST						16,103
CONTINGENCY (5.00%)						805
SUBTOTAL						16,908
SUPV, INSP & OVERHEAD (3.50%)						592
TOTAL REQUEST						17,500
Other Non-DoD Component Share						5,500
TOTAL FEDERAL REQUEST						12,000
TOTAL FEDERAL REQUEST (ROUNDED)						12,000
INSTALLED EQT-OTHER APPROP						(1,425)

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, Unheated Storage Building, Organizational Vehicle Parking (Paved), Unheated Vehicle Storage, Controlled Waste Facility, & Flammable Materials Facility. This project will include comprehensive interior design. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 42 U.S.C. 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 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 59,480 SQFT. Disposal of 6 buildings at MTA-L Camp Williams, UT (Total 541 m2/5,825 SF), 1 building at American Fork Readiness Ctr and FMS 6, UT (Total 12 m2/134 SF), 2 buildings at Cedar City Readiness Center and FMS 5, UT (Total 197 m2/2,119 SF), 4 buildings at Fillmore Readiness Center WS 5, UT (Total 1,294 m2/13,931 SF), 1 building at Fillmore Armory (North), UT (Total 153 m2/1,650 SF), 3

1. COMPONENT				2. DATE
	FY 2021 MILITARY	CONSTRUCTION PROJECT	DATA	
ARNG		FEBRUARY 2020		
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
Nephi Utah		National Gua	ard Readiness	Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	Г (\$000)
		85532		
0505896A	17180	491201	Approp	12,000
DESCRIPTION OF PROPOS	SED CONSTRUCTION: (C	CONTINUED)		
buildings at Tobi Po-	odinaga Conton IIT /T	$\frac{1}{10+11}$ 1 604 m2/17 264	CE/ 224 2 1	ouildings at

buildings at Lehi Readiness Center, UT (Total 1,604 m2/17,264 SF), and 2 buildings at Springville Readiness Center, UT (Total 1,724 m2/18,557 SF). Air Conditioning (Estimated 601 kWr/171 Tons).

11. REQ: 5,075 m2 ADQT: NONE SUBSTD: NONE
PROJECT: To construct a 54,628 SQFT National Guard Readiness Center Complex that supports training, administrative, and logistical requirements for the UTARNG. This facility will be built on State land. (Current Mission)

REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed units within the transformed force structure of the 1457th Engineer Battalion & 115th EN Det of the UTARNG to address facility shortages and inadequacies as defined in the ISR-I. CURRENT SITUATION: This project is critical to the state of Utah due to the current situation of these units are currently working out of 19% of their Authorized Space Requirements (Current Space: 12,000 SQFT; Authorized Space: 63,455 SQFT) in the American Fork Readiness Center. The new facility will allow for restationing of units within the UTARNG from outdated and undersized facilities (Fillmore RC built in 1937 on 1.2 acres; Springville RC built in 1956 on 1.5 acres) to the new facility and a more adequately sized facility (American Fork built in 1956 on 2.79 acres). This will affect a change of space for both the 1457th EN and 489th EN BNs for a total of 300+ soldiers. The 1457th EN will vacate the American Fork RC to occupy the new facility. Then, the 489th will vacate the Fillmore and Springville RCs in order to move into the American Fork RC.

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

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

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

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

RAC Score based on Fillmore Readiness Center which will be disposed upon project completion. Accident Probability is "Probable" and Severity Code is "MAJOR". Facility is in a highly active seismic area with foundation crack and noted failure. Repeated damage from earthquakes has weakened the structure and existing foundation.

Springville RAC score Accident Probability is "Probable" and Severity Code is "MAJOR" based on the fact that soldiers have to park so far away from the facility and cross dangerous roads. It is highly probable that an accident will occur while soldiers crossing and returning from drill and training.

American Fork has a RAC score of Accident Probability of "Possible" and Severity Code is "MAJOR". The facility is small, limited storage and limited parking areas. It is possible of accidents as soldiers are parking on street and walking to facilities.

Soldiers parking on streets and crossing streets to get to their current Readiness Centers poses a safety concern.

1. COMPONENT					2. DATE	
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT D	ATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Nephi Utah			National Guar	d Readiness	Center	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
0505896A	17180		532 1201	Approp	12,000	
CURRENT SITUATION: (CO	ONTINUED)					

In Fillmore, new foundation and seismic improvements would cost approximatly \$3.5 Mil and deemed not cost efficient due to the size of the facility, current footprint and soils present in the area that do not allow for proper bedding of the foundation.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
49A40	4941	17180	0001	2017	F4	Q3	C3	Fillmore Armory
49B35	7359	17180	0001	2017	F4	Q3	C3	Springvile
49A05	3777	17180	0001	2017	F4	Q3	C3	American Fork

Non Compliance with Americans With Disabilities Act.

State of Utah Public Building Access requirements AT/FP requirements.

Current equipment storage standards and set backs due to proper requirement for site size (Minimum 10 acres for a Readiness Center)

All of these facilities sit on less than 2 acres of property. There is no expansion possible.

IMPACT IF NOT PROVIDED: If this project is not provided it will reflect insufficient facility space to train and maintain the level of readiness required by the Army. At the present facilities, it is not possible for the units to meet training, storage, and operational goals without MILCON Funding. Their training evaluation scores for the CATS are currently documented as "Untrained" due to the lack of equipment and their current facilities and inadequate space. This evaluation score will continue with no indication of improvement without the additional facility. The operational capability and day-to-day functioning will continue to deteriorate without the adequate space for administrative work, training, and storage. Training hours will continue to be wasted by the units continually having to utilize other facilities for training and storage of their equipment will cost an additional \$750k in training dollars per year. This also increases the risk and cost of training with the added commute time to retrieve equipment.

The AT/FP requirements at these sites cannot be met due to stand off distances and the small footprint that these facilities are based of. The facilities in this project considered, all reside on less than a two acre parcel. Because of this size, storage is limited to small conex's and storing equipment and other unit supplies off site at various locations. This makes it hard to track and harder to provide a steady training regimen for drilling soldiers.

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

1. COMPONENT					2. DATE
		FY 2021 MILITAF	RY CONSTRUCTION PROJECT	DATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AN	D LOCATI	ON	4. PROJECT TITLE	Ξ	
Nephi					<u>.</u> .
Utah 5. program element	1	6. CATEGORY CODE	National Gua	ard Readines 8. PROJECT CO	
5. PROGRAM ELEMENI		O. CATEGORI CODE		6. PROJECT CO	51 (\$000)
0505896A		17180	85532 491201	Approp	12,000
	CONTIN		131201	11251.05	12,000
Pam 190-51 an the minimum s Antiterrorism description o ECONOMIC ANAL during project requirement. JOINT USE CER Housing) cert	d TM 5 tandar Stand f cons YSIS: t deve	5-853-1, respectively rds as required by Undards for Buildings) struction and cost establishment. This projection: The Deputy Assertion:	of meeting this requir ct is the only feasible sistant Secretary of th as been considered for	required by of Defense irements are rement have ke option to make Army (Inst	regulation and Minimum e included in the peen explored meet the tallation and
facility Will		-			
12. SUPPLEME A. Estin	NTAL I	DATA: Design Data:			
12. SUPPLEME	NTAL I nated : Statu	DATA: Design Data: s:			
12. SUPPLEME A. Estin	NTAL I nated : Statu (a) :	DATA: Design Data: s: Design Start Date			JAN 2019
12. SUPPLEME A. Estin	NTAL Inated : Statu (a) : (b) :	DATA: Design Data: s: Design Start Date Percent Complete as	of January 2020		65
12. SUPPLEME A. Estin	NTAL Inated : Statu (a) : (b) :	DATA: Design Data: s: Design Start Date Percent Complete as Date 35% Designed	of January 2020		NOV 2019
12. SUPPLEME A. Estin	NTAL I nated : Statu (a) : (b) : (c) :	DATA: Design Data: s: Design Start Date Percent Complete as Date 35% Designed Date Design Complete	of January 2020		MOV 2019 AUG 2020
12. SUPPLEME A. Estin	nated: Statu (a): (b): (c): (d):	Design Data: s: Design Start Date Percent Complete as Date 35% Designed Date Design Complete Parametric Cost Esti	of January 2020		NOV 2019
12. SUPPLEME A. Estin	NTAL I statu (a) : (b) : (c) : (d) : (e) :	DATA: Design Data: s: Design Start Date Percent Complete as Date 35% Designed Date Design Complete Parametric Cost Esti	of January 2020	Costs	MOV 2019 AUG 2020
12. SUPPLEME A. Estin	NTAL I nated : Statu (a) : (b) : (c) : (d) : (e) : (f) :	DATA: Design Data: s: Design Start Date Percent Complete as Date 35% Designed Date Design Complete Parametric Cost Esti Type of Design Contr An energy study and	of January 2020 mating Used to Develop act: Design-bid-build life cycle cost analysi	Costs	MOV 2019 AUG 2020
12. SUPPLEME A. Estin	NTAL I nated : Statu (a) : (b) : (c) : (d) : (e) : (f) :	DATA: Design Data: s: Design Start Date Percent Complete as Date 35% Designed Date Design Complete Parametric Cost Esti	of January 2020 mating Used to Develop act: Design-bid-build life cycle cost analysi	Costs	MOV 2019 AUG 2020
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12. SUPPLEME A. Estin	NTAL I nated: Statu (a): (b): (c): (d): (f): (g):	Design Data: S: Design Start Date Percent Complete as Date 35% Designed Date Design Complete Parametric Cost Esti Type of Design Contr An energy study and documented during th	of January 2020	Costs	MOV 2019 AUG 2020
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				2. DATE
ARNG	FY 2021 MIL	TARY CONSTRUCTION PRO	DJECT DATA	FEBRUARY 2020
3. INSTALLATION AND LOC	CATION	4. PROJECT	r title	I EDITORICI ZOZO
Nephi				
Utah		Nationa	al Guard Readiness	s Center
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	T (\$000)
		85532		
0505896A	17180	491201	Approp	12,000
12. SUPPLEMENTAI	L DATA (CONTINUED.	.)		
A. Estimate	d Design Data: (CON	TINUED)		
(4) Con	struction Contract	Award		JAN 2021
(5) Con	struction Start			MAR 2021
(3) (011				
(3) (31)	beraceron bearc			
				.тш. 2023
		n		JUL 2023
				JUL 2023
(6) Con B. Equipmen	struction Completio t associated with t			
(6) Con	struction Completio t associated with t	n	l be provided fro	
(6) Con B. Equipmen other appropr	struction Completio t associated with t	nhis project which wil	l be provided fro	om
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(6) Con B. Equipmen other appropr Equipment Nomenclature F F & E	struction Completio t associated with t iations:	nhis project which wil Procuring Appropriation OMNG	l be provided from Fiscal Year Appropriated Or Requested 2022	Cost (\$000) 600
(6) Con B. Equipmen other appropr Equipment Nomenclature F F & E Kitchen Equip	struction Completio t associated with t iations:	nhis project which wil Procuring Appropriation OMNG OMNG	l be provided from Fiscal Year Appropriated Or Requested 2022 2022	Cost (\$000) 600 50
(6) Con B. Equipmen other appropr Equipment Nomenclature F F & E Kitchen Equip ESS (171R)	struction Completion t associated with t iations: ment (Type C)	nhis project which wil Procuring Appropriation OMNG	l be provided from Fiscal Year Appropriated Or Requested 2022	Cost (\$000) 600
(6) Con B. Equipmen other appropr Equipment Nomenclature F F & E Kitchen Equip	struction Completion t associated with t iations: ment (Type C) C	his project which wil Procuring Appropriation OMNG OMNG OPA	l be provided from Fiscal Year Appropriated Or Requested 2022 2022 2022	Cost (\$000) 600 50 54

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1.								
	COMPONENT			FY 2021 GUA	RD AND RESERVE		2. DATE	
	ARNG			MILITARY (CONSTRUCTION		FEBRU	ARY 2020
_							 	
3.	INSTALLATION AND L	OCATION						CONSTRUCTION
	Appleton			INSN	O= 55A15		COST	INDEX
	Wisconsin							1.08
5.	FREQUENCY AND TYPE	OF UTIL	IZATION					
	Administration 5 d	lavs/week	. with 2-c	dav training a	ssembly 2-3 times	s/month.		
6.	OTHER ACTIVE/GUARD	/RESERVE	INSTALLA	TIONS WITHIN 1	5 MILE RADIUS			
	ARNG Oshkosh, W	VI.		18.00 miles Re	eadiness Center	2,083 m2	(22,424 SF	1962
	ARNG Green Bay,	. WI		28.00 miles Re	eadiness Center	1,997 m2	(21.495 SF	1963
	ARNG Waupaca, W				eadiness Center			
	margaca, ,	•=		30.00 111105 10	eddinebb center	1,231 112	(13,20, 51	, 1505
7.	PROJECTS REQUESTED	IN THIS	PROGRAM					
	CATEGORY DROTTEGE	mimi n				COST	DESIG	N STATUS
	CODE PROJECT				SCOPE	(\$000		CMPL
	CODE NATIONAL	L GUARD F	READINESS	4 022 m2	(53,085 SF)		0 JAN 2019	
	CENTER A	ADD/ALT		4,932 1112	(55,065 51)	11,00	U UAN 2019	JUN 2020
8.	STATE GUARD/RESERV	E FORCES	FACILITI	ES BOARD RECOM	MENDATION			
	FACILITIES IDENTIF					RESERVE FORCES	2.4	APR 2019
	FACILITIES BOARD F							(Date)
	UNILATERAL CONSTRU		DDE COINT	ODE/EXPANDION	. THE BOARD RECO	MINENDATIONS ARE		(Date)
	UNILATERAL CONSTRU	CIION.						
9.	LAND ACQUISITION R	EQUIRED						
	None							0
							(Number o	of acres)
							(======================================	
10	. PROJECTS PLANNED	IN NEXT	FOUR YEARS	S				
	CATEGORY							COST
	CODE PROJECT T	TITLE				SCOPE		(\$000)
								<u></u>
	NONE							
	DEFERRED SUSTAINME	NT, REST	CORATION,	AND MODERNIZAT	ION (SRM): 1	1,600		
	DEFERRED SUSTAINME A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	IPLETED ANI				E PROPOSED	PROJECT AT
11	A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	IPLETED ANI	D THE SITE IS			E PROPOSED	PROJECT AT
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11	A SITE SURVEY HAS THE ESTIMATED COST	BEEN COM	IPLETED ANI TED. 17 OCT 20	D THE SITE IS 18	SUITABLE FOR CON:	STRUCTION OF THE	RESERVE	
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				1.00
14	. OUTSTANDING POLLU	JTION AND SAFETY DEFICIENCIES		
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17180 Readiness			•	(SF)		28,079)	2,131	+
81160 Backup/Eme			EA		1		150,000	
Sustainabi	lity/	Energy Measures	LS					(264)
SUPPORTING FACIL								1,882
Electric Service			LS					(67)
Water, Sewer, Ga	S		LS					(330)
Paving, Walks, C	urbs <i>l</i>	And Gutters	LS					(860)
Storm Drainage			LS					(134)
Site Imp(270) De	mo(26)	LS					(296)
Information Syst	ems		LS					(47)
Antiterrorism Me	asure	5	LS					(148)
								•
								•
ESTIMATED CONTRA	CT CO	ST						15,358
CONTINGENCY (5.0								768
SUBTOTAL	•							16,126
SUPV, INSP & OVE	RHEAD	(3.50%)						564
TOTAL REQUEST		(/						16,690
State Share								4,173
Other Non-DoD Co	mponei	nt Share						917
TOTAL FEDERAL RE								11,600
TOTAL FEDERAL RE		(ROUNDED)						11,600
INSTALLED EQT-OT								(1,281)
10. Description of Pro			1 2 1	117 00	L signed National	Cuard P	L eadiness	
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that are integra								
design services								
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11 ===	0 -						0.555	
11. REQ: 4,93		ADQT:		. =		UBSTD:	2,609	
PROJECT: To co	nstru	ct a 53,085 SQFT	Nat	ional	Guard Readines	s Center	that su	.pports

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PROJECT: (CONTINUED)

training, administrative, and logistical requirements for the WIARNG. This facility will be built on State Land. (Current Mission)

REQUIREMENT: This project is programmed to provide the space authorized for the personnel assigned to HHC 2-127 IN (UIC: WPLCTO) with a federal recognition date of 15 June 1947. The space authorized in this project will allow the assigned unit to store all issued equipment and supplies within a central storage facility eliminating the unit's use of shipping containers and multiple outbuildings. The additional storage space will free up space within the Controlled Humidity Building that is used by the unit's supply section resulting in more space for storage of tactical vehicles and equipment. The reconfiguration of the existing administrative and training areas will provide a more efficient use of space in conjunction with the expansion of the readiness center will eliminate the need to setup workstations and training areas in various areas of the facility wherever space is available. This project will provide 100% of the space authorized per NG Pam 415-12 for the assigned unit while utilizing the most efficient use of the existing structure. The scope of work exceeds the ability of accomplishing this project using SRM funds.

CURRENT SITUATION: This project is critical to the state of Wisconsin due to the current situation of the Appleton Readiness Center not being able to use 100% of the existing space as a result of structural problems with the foundation that have impacted the exterior wall and roof on the southeast corner of the building. The structural failure has resulted in an opening in the wall that has continued to grow over time allowing water damage to occur. The remaining areas of the building are poorly configured and too small to provide the authorized space required to support the assigned unit.

The State of Wisconsin 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 Wisconsin.

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

The facility where the current operations are being conducted was constructed in 1968.

This project will resolve existing structural issues while providing the additional space authorized to for the HHC 2-127 IN at the Appleton Readiness Center. The lack of available space for performing training, administrative, storage, and maintenance operations in addition to structural issues have impacted the unit's ability to conduct onsite training. The probability of effecting training and real world missions is "LIKELY". A result of not having adequate and structurally sound training facilities, has forced unit personnel to travel throughout the state to various training sites resulting in a "MAJOR" threat to safety and wellbeing of the soldiers of the assigned unit.

The annual operating cost for this Readiness Center is \$ 129K. To improve the existing facility to provide the authorized space will exceed SRM allowances.

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The configuration of the existing Readiness Center does not provide the accessible routs or emergency exits that are required by State and local building code.

This project will not require any waivers.

The Appleton Readiness Center is not in compliance with NG Pam 415-12 criteria and ATFP standards.

The existing site configuration does not meet Anti-Terrorism Force Protection (ATFP) standards, resulting in an inability to access the site during increased security levels.

IMPACT IF NOT PROVIDED: If this project is not provided, the men and women of the HHC 2-127 IN will continue to train in an outdated, undersized, and unsafe facility. The limited abilities of the communications, electrical, and heating systems will continue to degrade the working conditions for the personnel assigned. The existing structural issues will continue to deteriorate and prevent the use of the rooms in that area of the building. The lack of available space will continue to limit the assigned unit(s) ability to conduct onsite training without having to bring personnel in on orders and during standard duty hours in order to maintain unit readiness levels. Without an vehicle maintenance bay, personnel will be forced to conduct all vehicle/equipment maintenance training either outside in the parking lot or in the unheated vehicle storage building. As a result, there will continue to be an increased risk of damage to equipment and injury to personnel. The lack of a centralized storage facility will continue to force the assigned unit(s) to use existing out buildings and shipping containers for storing issued supplies and equipment. As result of using the unheated vehicle storage building, the displaced tactical vehicles and towed equipment will continue to be stored in unsecured open parking areas and at offsite locations. In addition the continued use of the existing storage facilities will expose supplies, equipment, and issued items to damage from flooding, mold, fungi, bacteria, and rodents. Existing privately owned parking lots and access roads will remain in there currently locations which do not meet any of the ATFP security standoffs. The existing structure of the Readiness Center will also remain unchanged from the original design which was never intended to meet ATFP standards for an occupied facility. Without this project the limitations of this facility will continue to directly impact the readiness level, morale, and safety of the assigned units. The annual cost of operating this facility will continue to increase as the facility ages and as the issues identified go uncorrected.

<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.

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		errorism Standards f				_
		ments are included i				
estimate.	1040110		11 0110 0.0.	0011701011 01 (30112 01 00 01 01	
ECONOMIC ANAL	YSIS: Al	ternative methods of	meeting	this requirer	ment have be	en explored
during projec	t develo	pment. This project	is the or	nly feasible o	option to me	et the
requirement.						
		ON: The Deputy Assis				
		at this project has			oint use pot	ential. This
facility will	be avai	lable for use by oth	er compo	nents.		
12. SUPPLEME	NTAL DAT	'A:				
A. Estim	ated Des	sign Data:				
(1)	Status:					
	(a) Des	sign Start Date				JAN 2019
	(b) Per	cent Complete as of	January	2020		65
		te 35% Designed				JUN 2019
		-				JUN 2020
		te Design Complete				
		rametric Cost Estimat			osts	NO
		pe of Design Contract	_			
	(g) An	energy study and lif	e cycle	cost analysis	will be	
	doc	cumented during the f	inal des	ign.		
(2)	Basis:					
	(a) Sta	andard or Definitive	Design:	NO		
(3)	Total De	esign Cost (c) = (a)+	-(h) OP (d)+(e):		(\$000)
(3)						·
		oduction of Plans and				921
		Other Design Costs.				522
	(c) Tot	al Design Cost				1,443
	(d) Cor	ntract				1,443
	(e) In-	-house				0

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12. SUPPLEMENTAL	· · · · · ·				
A. Estimated	Design Data: (CONTI	NUED)			
(4) Const	truction Contract Awa	ard			FEB 2021
(5) Const	truction Start				JUL 2021
(6) Const	truction Completion.				JAN 2023
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B. Equipment	associated with this	s project whi	ch will be r	rovided fro	om
other appropria	ations:				
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Equipment Nomenclature		Procuring Appropriat		ropriated Requested	Cost (\$000)
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F F & E		OMNG		2022	580
Kitchen Equipme	ent (Type C)	OMNG		2022	50
ESS (171R)		OPA		2022	22
Info Sys - ISC		OPA		2022	309
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UNIT DESIGNATION UIC TPSN MTOE/TDA AUTHORIZED ACT (CO QM WATER WTR PURIF) WPYGAA 31002 10460KNG05 127 1040KNG05 1	(HHC MP BRIGADE) WPEWAA 19402KNG07 100 9 (CO CBRN CO (AS) (RECA) WY78AA 30398 03413KNG03 148 13 (CO MEDICAL COMPANY, A) WPZLAA 30858 08457KNG34 78 6	1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS TOTA AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN	RESTORATION, F COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 99 19 49 9	D THE SITE IS SELECTION OF THE SITE IS SELECTI	SUITABLE FOR CON SIVILIAN 0 0 TPSN 31002 36305 36303	0 STRUCTION OF ' GUAR TOTAL 856 775 MTOE/TDA 10460KNG05 51632KNG18 63426KNG17	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT DRIZED 127 84 69	(\$000) FED (25) (25) (30) (40) (40) (40) (40) (40) (40) (40) (4
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UNIT DESIGNATION	(CO MEDICAL COMPANY, A) WPZLAA 30858 08457KNG34 78	1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS TOTA AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN (CO QM WATER WTR PURIF (HHD HHC, CMBT SUSTAIN	RESTORATION, A COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 99 19 19 9	D THE SITE IS SELECTION OF THE SITE IS SELECTI	SUITABLE FOR CON CIVILIAN	0 STRUCTION OF TOTAL 856 775 MTOE/TDA 10460KNG05 51632KNG18 63426KNG17 10460KNG09 63426KNG37	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT 0RIZED 127 84 69 127 69	(\$000 ED 25 93 FH ACTUA 12
UNIT DESIGNATION		1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS TOTA AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN (CO QM WATER WTR PURIF (HHD HHC, CMBT SUSTAIN	RESTORATION, A COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 99 19 19 9	D THE SITE IS SELECTION OF THE SITE IS SELECTI	SUITABLE FOR CON CIVILIAN	0 STRUCTION OF TOTAL 856 775 MTOE/TDA 10460KNG05 51632KNG18 63426KNG17 10460KNG09 63426KNG37	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT 0RIZED 127 84 69 127 69	(\$000) ED 25 93 FH ACTUR 12
STRENGTH UNIT DESIGNATION		1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN (CO QM WATER WTR PURIF (HHD HHC, CMBT SUSTAIN (HHC MP BRIGADE)	RESTORATION, FOR COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 19 19 19 9	O THE SITE IS SELECTED COMMENT ENLISTED COMMENT 80 40 UIC WPYGAA WYO9AA WTT4AA WPB1AA WPB1AA WYOBAA WPEWAA	TPSN 31002 36305 36303 31002 36303	0 STRUCTION OF TOTAL 856 775 MTOE/TDA 10460KNG05 51632KNG18 63426KNG17 10460KNG09 63426KNG37 19402KNG07	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT 0RIZED 127 84 69 127 69 100	(\$000) EED 25 93 FH ACTUR 12 6
STRENGTH	(New was tirettened nem) Werlad 05413KNG07 54 4	.1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS TOTA AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN (CO QM WATER WTR PURIF (HHD HHC, CMBT SUSTAIN (HHC MP BRIGADE) (CO CBRN CO (AS) (RECA	RESTORATION, A COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 19 19 49 9	D THE SITE IS SELECTION OF THE SITE IS SELECTI	TPSN 31002 36305 36303 31002 36303 30398	0 STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTON O	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT 0RIZED 127 84 69 127 69 100 148	(\$000 JECT AT DED 25 12 6 9 12 6 9 13
UNIT DESIGNATION	(DB1 ENG OTTB11110 D21)	.1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS TOTA AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN (CO QM WATER WTR PURIF (HHD HHC, CMBT SUSTAIN (HHC MP BRIGADE) (CO CBRN CO (AS) (RECA (CO MEDICAL COMPANY, A	RESTORATION, FOR COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 19 19 19 9	D THE SITE IS SELECTED COMMENT ENLISTED COMMENT UIC WPYGAA WYO9AA WTT4AA WPB1AA WPB1AA WYOBAA WYOBAA WYOBAA WYOBAA WYOBAA WPEWAA WYOBAA	TPSN 31002 36305 36303 31002 36303 30398	0 STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTON O	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT DRIZED 127 84 69 127 69 100 148 78	(\$000) JECT AT TED 25 93 TH ACTUA 6 9 12
UNIT DESIGNATION		.1.	CODE PROJECT TITLE NONE DEFERRED SUSTAINMENT, I A SITE SURVEY HAS BEEN THE ESTIMATED COST IND: PERSONNEL STRENGTH AS TOTA AUTHORIZED 9 ACTUAL 4 RESERVE UNIT DATA UNIT DESIGNATION (CO QM WATER WTR PURIF (HHC , REG SPT GRP) (HHD HHC, CMBT SUSTAIN (CO QM WATER WTR PURIF (HHD HHC, CMBT SUSTAIN (HHC MP BRIGADE) (CO CBRN CO (AS) (RECA (CO MEDICAL COMPANY, A	RESTORATION, FOR COMPLETED AND ICATED. OF 17 OCT 201 PERMAN AL OFFICER 19 19 19 9	D THE SITE IS SELECTED COMMENT ENLISTED COMMENT UIC WPYGAA WYO9AA WTT4AA WPB1AA WPB1AA WYOBAA WYOBAA WYOBAA WYOBAA WYOBAA WPEWAA WYOBAA	TPSN 31002 36305 36303 31002 36303 30398	0 STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTION OF STRUCTON O	D/RESERVE OFFICER 131 82 AUTHO	ENLIST 7 6 STRENGT DRIZED 127 84 69 127 69 100 148 78	(\$000) JECT AT TED 25 93 TH ACTUA 6 9 12

. COMPONENT	FY 2021 GUARD AND RESERVE	2	. DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
	OCATION	4	. AREA CONSTRUCTION
Fort Allen	INSNO= RQ177	-	COST INDEX
Puerto Rico	~		1.19
3. MAJOR EQUIPMENT A	אור אום מסאפית		
TYPE	ND AIRCRAFT	AUTHORIZED	ACTUAL
WHEELED		252	252 367
TRAILERS		367	
TRACKED	. 20 pm	0	0
EQUIPMENT		73	73
Fuel Truc	K.	15	15
HET		0	0
TOTALS		707	707
. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR PO	LLUTION	0	
	POLLUTION	0	
	TIONAL SAFETY AND HEALTH	0	
c. 0cco11	TIONE ON BIT IND HEADIN	Ü	

1. COMPONENT								2. DA	ATTE
1. COMPONENT		DV 0001 MTT TD3:	D37 /	CONTRE	NII OMIT ON	T DDO THAM		Z. DF	71 E
A DATO		FY 2021 MILITA	RY (CONSTR	ROCTTOI	N PROJECI	DATA		
ARNG 3. INSTALLATION AND LO	CATION				[д т	PROJECT TITL	Tr	FE	BRUARY 2020
	CATION					PROUBCI IIIL	ь		
Fort Allen					NT 7. 17	PTONIAT CII	מעט סמע.	INDCC CEN	med
Puerto Rico 5. PROGRAM ELEMENT		6. CATEGORY CODE		7 DDO.T	ECT NUME	rional Gu		CT COST (\$00	
5. PROGRAM ELEMENT		O. CAILGORI CODE		7. PROU			o. PROJE	CI COSI (\$00	JO)
05050067		15100			94115			2.5	
0505896A		17180			43006	2	Approp	3.7	,000
			9. (COST EST	TIMATES				
1.0000 U.S. DOLL		\$ ITEM	UM	(M/E)		QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY									29,179
17180 Readiness				(SF)	l .	7,085 (
44224 Unheated S	_	-	m2	(SF)	1	L,120 (12,051)	2,373	(2,657)
81160 Backup/Eme	rgenc	y Generator	EA			1		175,000	(175)
Sustainabi	lity/	Energy Measures	LS						(572)
SUPPORTING FACIL	ITIES								3,597
Electric Service			LS						(110)
Water, Sewer, Ga	s		LS						(250)
Paving, Walks, C	urbs .	And Gutters	LS						(1,795)
Storm Drainage			LS						(150)
Site Imp(875) De	mo()		LS						(875)
Information Syst			LS						(195)
Antiterrorism Me		S	LS						(87)
Other			LS						(135)
									,
ESTIMATED CONTRA	CT CO	ST							32,776
CONTINGENCY (5.0									1,639
SUBTOTAL	/								34,415
SUPV, INSP & OVE	RHEAD	(3 51%)							1,208
DESIGN/BUILD-DES									1,377
TOTAL REQUEST	1011 0	001 (1.000)							37,000
TOTAL FEDERAL RE	∩ITF CT								37,000
TOTAL FEDERAL RE									37,000
INSTALLED EOT-OT	~								(7,452)
~		onstruction A spec	1 1	lar dos	l	Nationa	l Cuard D	l	
		n. The National G							
		n. The National G the facility: Ba							
		ated Storage Buil							
_		lity will be desi	_			_			
		eral building cod							
		ervices, informat							
		gutters, storm dr							
_		will include bui							
		minimize future							
		ccordance with Do							
		ciencies, buildin							
_		A(IE&E) Sustaina							
		s with disabiliti							
		oD Minimum Antite							
		comply with the							
exception to cri	teria	will be submitte	d.	Air (Condit	ioning (1	Estimated	897 kWr	/255 Tons).
11	4 -								
11. REQ: 8,20		ADQT:	_		NONE		SUBSTD:		NONE
PROJECT: To co	nstru	ct a National Gua	rd	Readir	ness C	enter of	88,309 S	F that s	upports

1. COMPONENT					2. DATE	
	FY 2021 MILITARY	CONSTRUC'	TION PROJECT D	ATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Allen Puerto Rico			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
0505896A	17180		115 0062	Approp	37,000	

PROJECT: (CONTINUED)

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

REQUIREMENT: This facility is designed to meet the requirements for the following units:WPB1AA, 0714 QM CO Water Support; WPYGAA, 0105 QMCO Water Support; WPZLAA, 1065 MD CO Area Support Med; WY78AA, 0482 CM CO CBRN CO (AREA SPT); WPFLAA, and 1015TH EN DET. This facility will replace multiple inadequate facilities that were destroyed by hurricane Maria in September 20, 2017 with a consolidated adequate facility better able to meet the needs of the units during day to day activities and especially better equipped to operate from during emergencies.

CURRENT SITUATION: This project is urgent to the territory of PR due to the current situation of the existing structure sustained significant damage from Category IV hurricane force winds and is no longer operational. The cost to restore the facility to operational condition and make required improvements to improve resiliency make new construction the most practical solution.

The territory of PR 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 territory of PR.

Currently, the territory of PR has begun the environmental assessment on this project.

The facility where the current operations are being conducted was constructed in 1963.

The current facilities are heavily damaged and beyond repair. It is likely that an accident will occur. With roofs damaged, structural damage to walls and floors, flooding, and debris, the hazard could be catastrophic. With an accident probability of likely and a hazard severity of catastrophic, this is a CRITICAL situation.

Site	Site	Cat	FACNO	ISR-I	F	Q	С	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
RQ177	5112	17180	00151	2015	F4	Q3	C4	FORT ALLEN
RQ177	5112	17180	00525	2017	F4	Q2	C4	FORT ALLEN
RQ177	5112	17180	00142	2018	F2	Q2	C4	FORT ALLEN
RQ177	5112	17180	00136	2017	F3	Q2	C4	FORT ALLEN

IMPACT IF NOT PROVIDED: If this project is not provided the units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected. If the facility is not provided, the unit's readiness will be continue to be impacted due to not having adequate facilities to conduct administrative actions and training necessary. O & M cost will increase due to having to transport units to other locations or lease inadequate facilities to try and meet their mission. Operation Tempo cost is greatly affected due to not having to lease a facility to do administrative duties, training and storage. Life/Health Safety may arise from having soldiers traveling in an area that has been devastated by a Category IV hurricane leaving all kinds of hazards the soldiers would have to navigate through to reach a suitable facility. Retention will be affected due to not having any facilities to perform the

1. COMPONENT					2. DATE	
	FY 2021 MILITARY (CONSTRUCT	TION PROJECT D	ATA		
ARNG					FEBRUARY	2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Allen Puerto Rico			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)	
		94	115			
0505896A	17180	43	0062	Approp	37,000	
TMDXCT TE MOT DDOMIDE	D. (COMPTMIED)	•				

IMPACT IF NOT PROVIDED: (CONTINUED)

necessary administrative, logistical, training, and storage that is required. Land/Lease will not be affected because PRARNG is in possession of the land. Organizational Military vehicle parking is affected because their presently is not anywhere to park the vehicles in a secure area. Unit's vehicle/equipment will be exposed to vandalism, and or theft. Currently there is not any ATFP to speak of because there is not a facility. Organizational storage is affected because there is not enough storage available to storage portable repair equipment, tools and so forth.

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

PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and no physical security measures are required.

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. 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 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.

SUPPLEMENTAL DATA:

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

(a)	Design Start Date	OCT 2016
(b)	Percent Complete as of January 2020	15
(C)	Date 35% Designed	APR 2021
(d)	Date Design Complete	JUL 2021
(e)	Parametric Cost Estimating Used to Develop Costs	NO

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- Total Design Cost (c) = (a)+(b) OR (d)+(e):

(\$000)

				2. DATE
	FY 2021 MIL	ITARY CONSTRUCTION PRO	OJECT DATA	
ARNG	13 TT 037	La prome		FEBRUARY 202
. INSTALLATION AND LOC	PATION	4. PROJEC	T TITLE	
ort Allen Tuerto Rico		NATIONA	AL GUARD READINES	S CENTER
. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	
		94115		
505896A	17180	430062	Approp	37,000
2. SUPPLEMENTAL	•			
A. Estimate	d Design Data: (COI	NTINUED)		
(a)	Production of Pla	ans and Specifications	5	0
(b)	All Other Design	Costs		1,114
(c)	Total Design Cost	5		1,114
(d)	Contract			1,114
(e)	In-house			0
		_		SEP 2021
(4) Con	struction Contract	Award	• • • • • • • • • • • •	
, ,		Award		DEC 2021
(5) Con	struction Start			
(5) Con	struction Start struction Completion			DEC 2021 OCT 2023
(5) Con (6) Con B. Equipmen other appropr	struction Start struction Completion	onthis project which wil		DEC 2021 OCT 2023
(5) Con (6) Con B. Equipmen other appropr Equipment	struction Start struction Completion	onthis project which wil	l be provided fro Fiscal Year Appropriated	DEC 2021 OCT 2023 Om Cost
(5) Con (6) Con B. Equipmen other appropr Equipment Nomenclature	struction Start struction Completion	on this project which wil Procuring Appropriation	l be provided fro Fiscal Year Appropriated Or Requested	DEC 2021 OCT 2023 Om Cost (\$000)
(5) Con (6) Con B. Equipmen other appropr Equipment Nomenclature F F & E	struction Start struction Completion t associated with the	on this project which wil Procuring Appropriation OMNG	l be provided from Fiscal Year Appropriated Or Requested 2023	DEC 2021 OCT 2023 Om Cost (\$000) 5,154
(5) Con (6) Con B. Equipmen other appropr Equipment Nomenclature F F & E Kitchen Equip	struction Start struction Completion t associated with the	on This project which wil Procuring Appropriation OMNG OMNG	I be provided from Fiscal Year Appropriated Or Requested 2023 2023	DEC 2021 OCT 2023 Om Cost (\$000) 5,154 50
(5) Con (6) Con B. Equipmen other appropr Equipment Nomenclature F F & E Kitchen Equip ESS (171R)	struction Start struction Completion t associated with the iations: ment (Type C)	Procuring Appropriation OMNG OMNG OPA	Fiscal Year Appropriated Or Requested 2023 2023 2023	DEC 2021 OCT 2023 OM Cost (\$000) 5,154 50 54
(5) Con (6) Con B. Equipmen other appropr Equipment Nomenclature F F & E Kitchen Equip	struction Start struction Completion t associated with the iations: ment (Type C)	on This project which wil Procuring Appropriation OMNG OMNG	I be provided from Fiscal Year Appropriated Or Requested 2023 2023	DEC 2021 OCT 2023 Om Cost (\$000) 5,154 50

1.	COMPONENT		FY 2021 GUA	ARD AND RESERVE		2. DATE	
	ARNG		MILITARY (CONSTRUCTION		FEBRUARY 2020	
l							
_	INSTALLATION AND L	OCAMITON				4. AREA CONSTRUC	TIT ON
٥.	St. Croix	OCATION	TATON	IO- 1100E0			IION
		G \	INSN	IO= VQ859		COST INDEX	
	Virgin Islands (U.					1.49	
5.	FREQUENCY AND TYPE						
l	Maintenance operat	ions full time 5	days/week and	1 weekend/month	n for IDT Units.		
6.	OTHER ACTIVE/GUARD	/RESERVE INSTALL	ATIONS WITHIN 1	.5 MILE RADIUS			
'	,		0.00 miles		0	(0) 0	
	,		0.00				
7.	PROJECTS REQUESTED	IN THIS PROGRAM					
l	CATEGORY PROJECT	TITLE			COST	DESIGN STATUS	
l	CODEARMY AV	ATION SUPPORT		SCOPE	(\$000)	START CMPI	
l	21110 FACILITY		2,813 m2	(30,274 SF)	28,000	OCT 2016 JUL 20	021
_							
8.	STATE GUARD/RESERV						
	FACILITIES IDENTIF					03 JAN 2017	
	FACILITIES BOARD F		T USE/EXPANSION	. THE BOARD REC	COMMENDATIONS ARE	(Date)	
	UNILATERAL CONSTRU	CTION.					
9.	LAND ACQUISITION R	EOUIRED					
	None	~ -				0	
	110110					(Number of acres	
						(114112021 01 40100	,
10	. PROJECTS PLANNED	IN NEXT FOUR YEA	RS				
	CATEGORY					CO	ST
	CODE PROJECT T	TITLE			SCOPE	(\$0	00)
	NONE						
		NIE DEGENDATION	AND MODERNIER	TON (CDM).	0		
	DEFERRED SUSTAINME	NI, RESIDRATION,	AND MODERNIZAI	ION (SKM).	0		
	A SITE SURVEY HAS	BEEN COMPLETED A	ND THE SITE IS	SUITABLE FOR CO	ONSTRUCTION OF THE	PROPOSED PROJECT .	AT
	THE ESTIMATED COST	INDICATED.					
11	. PERSONNEL STRENGT	H AS OF 08 SEP 2	015				
l			ANENT		GUARD/RE		
l		TOTAL OFFICER		<u>CIVILIAN</u>		ICER ENLISTED	
l	AUTHORIZED	8 (0	8	0	0 0	
l	ACTUAL	8 (0	8	0	0 0	
12	. RESERVE UNIT DATA						
						STRENGTH	
	UNIT DESIGNATION		UIC	TPSN	MTOE/TDA	AUTHORIZED ACT	UAL
	(EQP VI ARNG AAOF	#1)	W8RCAA			0	0
						0	0
					Assic	ned/Authorized:	0%
					110019	nea, nachor izea	0 0
l							
l							
l							
l							

COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE
ARNG	MILITARY CONSTRUCTION		FEBRUARY 2020
INSTALLATION AND I	L OCATION	4.	AREA CONSTRUCTIO
St. Croix	INSNO= VQ859	1.	COST INDEX
Virgin Islands (U.			1.49
. MAJOR EQUIPMENT A			
TYPE	IND AIRCIAFI	AUTHORIZED	ACTUAI
WHEELED		3	ACTOA
TRAILERS		4	
TRACKED		0	
	r > 30 FT	0	,
Fuel Tru		0	(
HET		0	(
C-12D/F/		0	(
C-12J/F/	X	0	(
C-23		0	(
C-26		0	(
UC-35		0	(
OH-58		0	(
OH-58D		0	(
UH-1		0	(
AH-64		0	(
UH-60		0	(
UH-72A		0	2
CH-47		0	
TOTALS		7	9
	POLLUTION ATIONAL SAFETY AND HEALTH	0	

1. COMPONENT					2. DA	ATE			
FY 2021 MILIT	TARY (CONSTR	RUCTION PROJECT	DATA					
ARNG					FE	BRUARY 2020			
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	4. PROJECT TITLE					
St. Croix									
Virgin Islands (U.S.)			ARMY AVIATI			<u> </u>			
5. PROGRAM ELEMENT 6. CATEGORY CODE		7. PROJ	ECT NUMBER	8. PROJE	CT COST (\$0)	00)			
			94113						
0505896A 21110			520047	Approp	28	3,000			
	9. (COST EST	CIMATES		1				
1.0000 U.S. DOLLAR/US\$ ITEM	UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)			
PRIMARY FACILITY						18,450			
14110 Aviation Opns Sprt Building		(SF)	1,401 (
21114 Aviation Hangar O&M		(SF)	1,114 (l .				
14110 Aviation Ground Sprt Bldg		(SF)	297.38 (3,201)					
81160 Backup/Emergency Generator	EA		1	250)	200,000				
85210 Rigid Pavement for MEP		(SY)	292.64 (350)	137.54	(40)			
Sustainability/Energy Measures	LS					(362)			
SUPPORTING FACILITIES	Ι. α					6,372			
Electric Service	LS LS					(125)			
Water, Sewer, Gas Paving, Walks, Curbs And Gutters	LS					(300) (4,292)			
Storm Drainage	LS					(300)			
Site Imp(369) Demo()	LS					(369)			
Information Systems	LS					(105)			
Antiterrorism Measures	LS					(502)			
Other	LS					(379)			
Jener									
ESTIMATED CONTRACT COST						24,822			
CONTINGENCY (5.00%)						1,241			
SUBTOTAL						26,063			
SUPV, INSP & OVERHEAD (3.43%)						894			
DESIGN/BUILD-DESIGN COST (4.00%)						1,043			
TOTAL REQUEST						28,000			
TOTAL FEDERAL REQUEST						28,000			
TOTAL FEDERAL REQUEST (ROUNDED)						28,000			
INSTALLED EQT-OTHER APPROP						(3,252)			

A specially designed Army Aviation Support Facility 10. Description of Proposed Construction (AASF) of permanent construction. The Army Aviation Support Facility includes the following items that are integral to the facility: Operations Support Building, Aircraft Maintenance Bay with humidity control, Aviation Ground Support Building, Aircraft Washing Apron, Paved, High Expansion Foam Automatic Fire Suppression System with storage tank, and Backup Emergency Generator. 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 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 not comply with the Army 1 SQFT for 1 SQFT disposal policy but will be able to dispose of XXXX SQFT. Air Conditioning (Estimated 355 kWr/101 Tons).

11. REQ: 2,813 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 30,274 SQFT new Army Aviation Support Facility (AASF) for the

1. COMPONENT					2. DATE
	FY 2021 MILITARY	CONSTRUC'	TION PROJECT D	ATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
St. Croix Virgin Islands (U.S.)			ARMY AVIATION	SUPPORT FA	CILITY (AASF)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	21110		113 0047	Approp	28,000

PROJECT: (CONTINUED)

Virgin Islands Army National Guard (VIARNG) that supports training, administrative, and logistical requirements for the VIARNG. This facility will be built on Federal Land. (Current Mission)

REQUIREMENT: Due to new direction from National Guard Bureau (NGB). The Virgin Islands Army National Guard is to replace their existing fixed wing aircraft with UH-72 Helicopters. The new AASF will support the maintenance requirements for the new UH-72. CURRENT SITUATION: This project is urgent to the territory of VI due to the current situation of the existing structure sustained significant damage from Category IV hurricane force winds and is no longer operational. The cost to restore the facility to operational condition and make required improvements to improve resiliency make new construction the most practical solution.

The territory of VI 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 territory of VI.

Currently, the territory of VI has completed the environmental assessment on this project.

IMPACT IF NOT PROVIDED: The lack of proper and adequate maintenance, training, storage, and administrative areas will continue to impair the command's required readiness and mobilization status. If the equipment is not fixed in a timely manner, the cost will continue to increase. Without adequate space, maintenance and repair time increases directly affecting unit missions. This could cause the units to use equipment that has not been adequately repaired, raising their risk factor. The lack of adequate space also increases the operations and maintenance cost and the ability to maintain equipment. This facility's lack of adequate space will continue to erode maintenance efficiency; and training and mobilization readiness standards will continue to decline. The land is owned by the VIARNG, no lease will be affected. No ATFP status will change. This project will bring us up the authorized organizational requirement.

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. Only protective measures required by UFC 4-010-01 [Department of Defense Minimum Antiterrorism Standards for Buildings] are needed.

1. COMPONENT						2. DATE	
		FY 2021 MILITARY	CONSTRUCTI	ON PROJECT D	PATA		
ARNG						FEBRUARY	2020
3. INSTALLATION AND	LOCATION		4	. PROJECT TITLE			
St. Croix Virgin Islands	(II S)		A	RMY AVIATION	SIIPPORT FA	CTLTTY (AAS	(TS
5. PROGRAM ELEMENT	(0.5.)	6. CATEGORY CODE	7. PROJECT NU		8. PROJECT COST	•	<u>, , , , , , , , , , , , , , , , , , , </u>
			9411	13			
0505896A		21110	5200	047	Approp	28,000	
ADDITIONAL: (C		<u>:D)</u> e included in the de	ecription	of construct	tion and do	st estimate	
THESE TEQUITER	encs ar	e included in the de	scription	or construct	cion and co.	oc escimace	•
ECONOMIC ANALY	SIS: Al	ternative methods of	meeting t	this requirer	ment have be	een explored	d
	develo	pment. This project	is the onl	ly feasible o	option to me	eet the	
requirement.							
TOTMT HER CERT	T \Box T	ON: The Deputy Assis	stant Gogra	atary of the	Army (Ingt:	allation and	d
		at this project has		_	_		
		onal considerations,					
components.							
12. SUPPLEMEN	ייאד. האיד	יא.•					
		sign Data:					
	status:	Jigii baca					
` ´ .		sign Start Date				OCT 20:	16
	•	ccent Complete as of					15
		te 35% Designed				APR 20	
		te Design Complete				JUL 20:	
1	•	rametric Cost Estimat					NO
		pe of Design Contract					
(g) An	energy study and lif	fe cycle c	ost analysis	will be		
	doo	cumented during the f	final desi	gn.			
(2) E	Basis:						
(a) Sta	andard or Definitive	Design:	NO			
(8)	otal De	esign Cost (c) = (a)+	+(b) OR (d)+(e):		(\$000)	
(a) Pro	oduction of Plans and	d Specific	ations			0
(b) All	l Other Design Costs.				8	44
(c) Tot	tal Design Cost				8	44
(d) Cor	ntract				8-	44
(e) In-	-house			• • • • •		0
(4) (Construc	ction Contract Award.				SEP 20:	21
(5) C	Construc	ction Start				DEC 20:	21
(6) (Construc	ction Completion				OCT 20	23

1. COMPONENT	ESC 2021 MILITER DS	Z GONGEDIIGETON		2. DATE
ARNG	FY 2021 MILITARY	CONSTRUCTION	PROJECI DATA	FEBRUARY 2020
3. INSTALLATION AND LOCATION	ON	4. PRO	JECT TITLE	
St. Croix Virgin Islands (U.S	.)	ARMY	AVIATION SUPPORT F	ACILITY (AASF)
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER		, ,
0505896A	21110	94113 520047	Approp	28,000
12. SUPPLEMENTAL D	ATA (CONTINUED)			
B. Equipment a other appropriat	associated with this	project which w	will be provided fro	om
Equipment Nomenclature		Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
FF&E		OMNG	2023	1,486
ESS (211A)		OPA	2023	850
Info Sys - ISC		OPA	2023	66
Info Sys - PROP		OMNG	2023	850
			Total	3,252

1. COMPONENT			FY 2021 GU	ARD AND RESERVE		2. DATE	
ARNG			MILITARY	CONSTRUCTION		FEBRUAR	Y 2020
3. INSTALLATION AN	D LOCATION					4. AREA CC	NSTRUCTION
St. Croix			INSI	NO= VQ87A		COST IN	IDEX
Virgin Islands	(U.S.)						1.49
5. FREQUENCY AND T	YPE OF UTILI:	ZATION					
Administration	5 days/week,	with 2-day	training a	assembly 2-3 tim	es/month.		
6. OTHER ACTIVE/GU	ARD/RESERVE	INSTALLATIO	NS WITHIN 1	15 MILE RADIUS			
					584 m2		
ARNG Estate	Negro Bay. V	т 4.	00 miles A	viation Facilit	y 1,399 m2	(15.060 SF)	1994
ARNG EState	Sprat Hall,	v 2.	00 miles C	ivii Support on	it 1,724 m2	(18,559 5F)	1967
7. PROJECTS REQUES	TED IN THIS	PROGRAM					
					go.g		ama ma
CATEGORY					COS	T <u>DESIGN</u>	STATUS
CODE PROJE	ECT TITLE			SCOPE	(\$00	0) START	CMPL
14132 Civil	Support Tea	m Ready Bui	lding 1	,704 m2 (18,34	0 SF) 11,4	00 OCT 2016	JUL 2021
8. STATE GUARD/RES	ERVE FORCES	FACILITIES	BOARD RECOM	MMENDATION			
FACILITIES IDEN	TIFIED IN IT	EM #6 HAVE	BEEN EXAMIN	NED BY THE STATE	RESERVE FORCES	01 AU	G 2017
					OMMENDATIONS AR	-	ate)
		PP OOTNI OP	n, rveanotor	N. INE BUARD REC	OPPER SMOTTAGMENT OF ARI	- (D	ace /
UNILATERAL CONS	TRUCTION.						
0 1330 30011101010	N DECLITOED						
9. LAND ACQUISITIO	M KEQUIKED						
None							0
						(Number of	acres)
10. PROJECTS PLANN	ED IN NEXT FO	OUR YEARS					
CATEGORY							COST
CODE PROJEC	ית ידידו די				SCOPE		(\$000)
				nn 1	017 m2 (10,94)	2 (7)	
72114 ENLIST	TED BARRACKS,	TRANSIENT	TRAINING A	DD I,	U1/ m2 (10,94)	3 SET	0
			_	& fenced M	0 m2 (0 SF)	0
			_	& fenced M Add (STX)	0 m2 (
			_		0 m2 (O SF)	0
Nation	nal Guard Veh	icle Mainte	enance Shop		0 m2 ((O SF)	0
Nation	nal Guard Veh	icle Mainte	enance Shop	Add (STX)	0 m2 (0	0 SF) 0 SF)	0
Nation	nal Guard Veh	icle Mainte	enance Shop	Add (STX)	0 m2 ((0 SF) 0 SF)	0
Nation	nal Guard Veh NMENT, RESTO (AS BEEN COMP)	icle Mainte RATION, AND LETED AND T	enance Shop	Add (STX)	0 m2 (0	0 SF) 0 SF)	0
Nation DEFERRED SUSTAI A SITE SURVEY H THE ESTIMATED C	nal Guard Veh NMENT, RESTOI AS BEEN COMPI	icle Mainte RATION, AND LETED AND T D.	enance Shop	Add (STX)	0 m2 (0	0 SF) 0 SF)	0
Natior DEFERRED SUSTAI A SITE SURVEY H	nal Guard Veh NMENT, RESTOI AS BEEN COMPI	icle Mainte RATION, AND LETED AND T D.	enance Shop	Add (STX)	0 m2 (0	0 SF) 0 SF)	0
Nation DEFERRED SUSTAI A SITE SURVEY H THE ESTIMATED C	nal Guard Veh NMENT, RESTOI AS BEEN COMPI	icle Mainte RATION, AND LETED AND T D.	enance Shop	Add (STX)	0 m2 (0	0 SF) 0 SF)	0
Nation DEFERRED SUSTAI A SITE SURVEY H THE ESTIMATED C	nal Guard Veh NMENT, RESTOI AS BEEN COMPI	icle Mainte RATION, AND LETED AND T D.	enance Shop MODERNIZAT HE SITE IS	Add (STX)	0 m2 () 0 m2 () 0	0 SF) 0 SF)	0
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1.	COMPONENT	FY 2021 GUARD AND RESERVE	2.	DATE	
	ARNG	MILITARY CONSTRUCTION		FEBRUA	ARY 2020
3.	INSTALLATION AND L	OCATION	4.	AREA (CONSTRUCTION
	St. Croix	INSNO= VQ87A		COST	INDEX
	Virgin Islands (U.	S.)			1.49
14	. OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES			
		(\$000)		
	A. AIR PO	OLLUTION)		
	B. WATER	POLLUTION)		
	C. OCCUPA	ATIONAL SAFETY AND HEALTH)		
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FY 2021 MILITARY CONSTRUCTION PROJECT DATA											
									FEE	BRUAF	RY 2020
ATION				4.	PROJEC	T TITLE					
										_	
Virgin Islands (U.S.) 5. PROGRAM ELEMENT 6. CATEGORY CODE						Suppor					uilding
16	6. CATEGORY CODE		7. PROJ	ECT NUM	BER		8. PROJE	CT COST	(\$000	0)	
	1.4120				_						
	14132				30		Approp		11,	,400	
		9. (COST EST	IMATES				ı			
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			(GT)		1 00	4 /	10 240)				8,340
_		1		-			18,340)	l .			(7,996)
						L		180,	000		(180)
LITY/E	nergy measures	LS									(164)
רידדכ											1,758
		T.S									(125)
3									(249)		
	nd Gutters								(509)		
		LS									(180)
no()		LS							i		(350)
		LS							ŀ		(206)
		LS							i		(139)
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									İ		
CT COS	Т										10,098
)왕)									İ		500
											10,598
RHEAD	(3.47%)								İ		364
IGN CO	ST (4.00%)										420
											11,382
QUEST											11,382
-											11,400
HER AP	PROP										(0)
	AR/US\$ ding gency lity/E TIES arbs A no() asures CT COS O%) RHEAD IGN CO	AR/US\$ ITEM ding regency Generator Lity/Energy Measures ETIES arbs And Gutters ao() asures CT COST O%) RHEAD (3.47%) EGN COST (4.00%)	AR/US\$ ITEM UM AR/US\$ ITEM UM Aling m2 Agency Generator EA Lity/Energy Measures LS Assures LS CT COST O%) RHEAD (3.47%) AGN COST (4.00%) QUEST QUEST QUEST (ROUNDED)	J.S.) 6. CATEGORY CODE 7. PROJ 14132 9. COST EST AR/US\$ ITEM UM (M/E) Aling m2 (SF) Egency Generator EA Lity/Energy Measures LS LS	ATION J.S. G. CATEGORY CODE	ATION J.S.) Civil S 6. CATEGORY CODE 14. PROJECT NUMBER 94114 520080 9. COST ESTIMATES AR/US\$ ITEM MM (M/E) Greency Generator Lity/Energy Measures LS LS LS LS LS LS LS LS LS L	ATION	ATION 4. PROJECT TITLE 5.S.	### FY 2021 MILITARY CONSTRUCTION PROJECT DATA A. PROJECT TITLE	FY 2021 MILITARY CONSTRUCTION PROJECT DATA A. PROJECT TITLE	SEBRUAR

10. Description of Proposed Construction A specially designed Ready Building of permanent construction. 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 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. Air Conditioning (Estimated 144 kWr/41 Tons).

11. REQ: 1,704 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 18,340 SQFT Ready Building that supports the operational, administrative, training, and supply requirements for the VIARNG. This facility will be built on Federal Land. (Current Mission)

<u>REQUIREMENT:</u> This facility is designed to meet the operational, administrative, supply and training requirementss for the DET 23 CST (WMD) (W7LUAA) soldiers.

CURRENT SITUATION: This project is urgent to the territory of VI due to the current

1. COMPONENT					2. DATE
	FY 2021 MILITARY	CONSTRUC'	TION PROJECT D	ATA	
ARNG					FEBRUARY 2020
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
St. Croix Virgin Islands (U.S.)			CST Ready Bui	lding	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	14132	1	114 0080	Approp	11,400

CURRENT SITUATION: (CONTINUED)

situation of the existing structure sustained significant damage from Category IV hurricane force winds and is no longer operational. The cost to restore the facility to operational condition and make required improvements to improve resiliency make new construction the most practical solution.

The territory of VI 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 territory of VI.

Currently, the territory of VI has begun the environmental assessment on this project.

IMPACT IF NOT PROVIDED: The lack of proper and adequtate operational, training, storage, military equipment parking space and administrative areas will continue to impair the command's required readiness and mobilization status. Without adequate facilities, the highly specialized and tchnical equipment of this unit risks being damaged and unuseable for mobilization when needed (CST vehicles require climate controlled storage due to sensitive equipment). This could cause the units to use equipment that is not intended for their mission, raising their risk factor. The lack of adequate space also increases the operations and maintenance cost and the ability to maintain equipment. This facility's lack of adequate space will continue to erode maintenance of equipment; and training and mobilization readiness standards will continue to decline.

<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
		FY 2021 MIL:	ITARY CONSTRUCTION P	ROJECT DATA	
ARNG			1		FEBRUARY 2020
3. INSTALLATION AN	ID LOCAT	ION	4. PROJI	ECT TITLE	
St. Croix /irgin Island	ls (U.	S.)	CST R	eady Building	
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	OST (\$000)
			94114		
)505896A		14132	520080	Approp	11,400
	CONTI		Assistant Commoton	f . h . 7 / T /	
			Assistant Secretary t has been considere		
			tions, and location		
components.	-			-	-
	13.7071.3.7	D 3 III 3 .			
12. SUPPLEME					
		Design Data:			
(1)	Statu				OCT 2016
		2	as of January 2020.		15
			as or danuary 2020.		APR 2021
		_	.ete		JUL 2021
			Sstimating Used to De		
			ontract: Design-buil		
			and life cycle cost a		
			the final design.	will be	
	(a)	Standard or Defir	nitive Design: NO		
(3)	Total	Design Cost (c)	= (a)+(b) OR (d)+(e)):	(\$000)
	(a)	Production of Pla	ans and Specification	ns	0
	(b)	All Other Design	Costs		340
	(c)	Total Design Cost			340
	(d)	Contract			340
	(e)	In-house			0
(4)	Const	ruction Contract	Award		SEP 2021
(5)	Const	ruction Start			DEC 2021
(6)	Const	ruction Completio	on		OCT 2023
B. Equipother approx			his project which w	all be provided fr	om
- STICE OPP	-1-1-10	· - 		Fiscal Year	
Equipment Nomenclat	ıre		Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
-					
F F & E ESS (171R)		OMNG OPA	2023 2023	756 232
(1/110	,		0111	2020	252
				Total	988

1. COMPONENT				2. DATE
ADMG	FY 2021 MILITARY	Y CONSTRUCTION PROJE	CT DATA	EEDDIIADX 2020
ARNG 3. INSTALLATION AND LO	CATION	4. PROJECT TI	TIE	FEBRUARY 2020
		11 1100201 11		
St. Croix Virgin Islands (U.S.)	CST Ready	Building	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT (COST (\$000)
		94114		
0505896A	14132	520080	Approp	11,400

1. COMPONENT								2. DA	ATE	
		FY 2021 MILITA	RY	CONSTR	UCTION :	PROJECT I	DATA			
ARNG								FE	BRUARY 2020	
3. INSTALLATION AND L	OCATION				4. PRO	JECT TITLE				
Minor Construct	ion									
Worldwide Vario	us				Unspe	ecified N	Minor C	onstructi	ion	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJI	ECT NUMBER		8. PROJE	CT COST (\$00	00)		
					88445	8445				
		00000	990022				Approp 32,744			
		•	9.	COST EST	IMATES					
1.0000 U.S. DOL	LAR/US	\$ ITEM	UN	(M/E)		QUANTITY		UNIT COST	COST(\$000)	
PRIMARY FACILIT									32,744	
00000 Unspecifi	- ed Min	or Construction	LS						(32,744)	
_										
SUPPORTING FACI	LTTTES									
BOTTORTING PACE.										
ESTIMATED CONTR.		ST							32,744	
CONTINGENCY (0.	00%)								0	
SUBTOTAL									32,744	
SUPV, INSP & OV	ERHEAD	(0.00%)							0	
TOTAL REQUEST									32,744	
TOTAL FEDERAL R	EQUEST	i							32,744	
INSTALLED EQT-0									(0)	
10. Description of Pr) projects	
which have a fu	nding	cost of \$6,000,00	0 c	or less	, inclu	ding con	structi	on, alte	ration, or	
conversion of p	ermane	ent or temporary f	aci	lities	as aut	horized	under 1	.0 USC 18	233a(a)(1).	
11. REQ:		IONE ADQT:			NONE		BSTD:		NONE	
l <u></u>		ified Minor Milit								
		ine item is neede								
1		rogram projects f								
justified in ti	me to	be included in th	iis	Milita	ry Cons	struction	, Army	Ntional	Guard	
Program.										
CURRENT SITUATION	: NC	These unforeseen	pro	jects	address	high pr	ioritie	s such a	s critical	
mission require	ments,	environmental pr	ote	ection,	and li	fe, heal	th, or	safety t	hreatening	
conditions. The	se pro	jects cannot wait	ur	itil th	le next	budget				
submission.										
12. SUPPLEMENT.	AL DAT	'A:								
A. Estimat	ed Des	— sign Data:								
1	atus:									
(a	•	sign Start Date								
(b) Per	ccent Complete as	of	Januai	ry 2020.				0	
(c) Dat	te 35% Designed								
I		-								

1. COMPONENT						2. DATE
		FY 2021 MILITARY	CONSTRUC	TION PROJECT I	ATA	
ARNG						FEBRUARY 2020
3. INSTALLATION AND	D LOCATIO	N		4. PROJECT TITLE		
Minor Construc						
Worldwide Var	ious		Ta	Unspecified M		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT		8. PROJECT COST	(\$000)
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12. SUPPLEMEN	νται, πα		99	0022	Approp	32,744
		esign Data: (CONTINUE	ן ת			
		ate Design Complete				
						NO.
		arametric Cost Estima		to pevelop c	OSLS	NO
	(f) T	ype of Design Contrac	τ.			
(0)						
` ,	Basis:					
	(a) St	tandard or Definitive	Design:	NO		
(3)	Total I	Design Cost (c) = (a)	+(b) OR	(d)+(e):		(\$000)
	(a) P	roduction of Plans an	d Specifi	cations		0
	(b) A	ll Other Design Costs				0
	(c) To	otal Design Cost				0
	(d) C	ontract				0
	(e) I	n-house				0
(4)	Constru	uction Contract Award				
(5)	Constru	uction Start				
(6)	Constru	uction Completion				
B. Equiponion other appr		ssociated with this p	roject wh	nich will be p	rovided from	m
oblice appe	071100			Fis	cal Year	
Equipment			Procuring	g App	ropriated	Cost
Nomenclatu	re		Appropri	ation Or	Requested	(\$000)
			NON	3		

1. COMPONENT										2. DA	ATE
	FY 2021 MILITARY CONSTRUCTION PROJECT DATA										
ARNG	FEBRUARY 2020						BRUARY 2020				
3. INSTALLATION AND LO	CATION					4. PROJEC	T TITLE				
Planning and Des	ian										
Worldwide Variou						Plannir	ng and	Design			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJ	ECT	NUMBER		8. PROJE	CT COS	Г (\$00	00)
					88	446					
		00000				0033		Approp		29	,593
			9.	COST EST	'IMA'	ΓES					
1.0000 U.S. DOLL	AR/US	\$ ITEM	UN	1 (M/E)		JQ	JANTITY		UNIT	COST	COST(\$000)
PRIMARY FACILITY											29,593
00000 Planning a	nd De	sign	LS								(29,593)
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SUPPORTING FACIL	TTTES										
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EGETMANED GOVERNA	<u>аш. ао</u>	Om									20 502
ESTIMATED CONTRA		ST									29,593
CONTINGENCY (0.0	Uを)										00 503
SUBTOTAL		(0.000)									29,593
SUPV, INSP & OVE	RHEAD	(0.00%)	ŀ								0 500
TOTAL REQUEST											29,593
TOTAL FEDERAL RE											29,593
INSTALLED EQT-OT											(0)
10. Description of Pro											and final
		nspecified minor						alue en	gine	erin	g; and the
development of s	tanda	rds and criteria	for	ARNG	fa	cilitie	S				
11. REQ:		ONE ADQT:			NO	NE	SU	BSTD:			NONE
		nd design funds.	_			_			_	_	
		funds are require									
		Guard Military (
		esign and enginee									
_		criteria and sta									
		milar to any othe									
budget in that i	t is	reflective of an	ope	eration	ns	expense	, vers	us a de	fine	d sc	ope of a
single construct	ion p	roject. Funds wil	.1 k	e used	d f	or Arch	itect-	Enginee	r (A-	-E)	contracts,
and administrati	ve su	pport functions.	The	ese fur	nds	are re	quired	for ac	comp	lish	ment of
final correction, review, reproduction and advertisement of projects in the FY 2021											
program; for advancement to final design of projects in FY 2022 and for initiation of								ation of			
design of projects in FY 2023. The funds request for the annual planning							ing a	and (design		
		specially designs									
regulations.		- 3				-					-
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1. COMPONEN	Т							2. DATE	
				FY 2021 MILITARY	CONSTRUCT	ION PRO	JECT DATA		
ARI	NG							FEBRUARY 2020	
3. INSTALLA	TION A	ND LOC	CATION			4. PROJECT	TITLE		
Planning							2 - 1		
Worldwid 5. PROGRAM			3	6. CATEGORY CODE	7. PROJECT		g and Design 8. PROJECT CO	ST (\$000)	
J. PROGRAM	ELEMEN.	1		O. CAILGORI CODE	t		o. PROJECT CO.	51 (\$000)	
				00000		446 0033	Approp	29,593	
12. SUP	PLEME	ENTAI	_ DAT	l .			11PPI OP	25 7 3 5 3	
Α.	Esti	mate	d Des	— sign Data:					
	(1)	Sta	tus:						
		(a)	Des	sign Start Date					
	(a) Design Start Date(b) Percent Complete as of January 2020								
		(c)		te 35% Designed					
		(d)		te Design Complete					
		(e)		rametric Cost Estima				NO	
		(f)		pe of Design Contrac		00 2011	ore constr.		
		(_ /	- 7 F	oc or besign concrac	, , ,				
	(2)	Bas	ia.						
	(2)	(a)		andard or Definitive	Dogian:	NO			
		(a)	SCO	andard of Delinicive	Design.	NO			
	(3)	Tot	al Do	esign Cost (c) = (a)	+(b) OP (d)+(o):		(\$000)	
	(3)								
		(a)		oduction of Plans an				0	
		(b)		Other Design Costs					
		(c)		tal Design Cost	0				
		(d)		ntract	0				
		(e)	ın-	-house		• • • • • • •			
	(4)	~			,				
	(4)	Con	struc	ction Contract Award	1	• • • • • • •			
	<i>(</i> - <i>)</i>	_							
	(5)	Con	struc	ction Start		• • • • • • •			
	(6)	Con	struc	ction Completion	• • • • • • • • •	• • • • • • •			
				sociated with this p	roject wh	ich will	l be provided fro	om	
other	app	ropr	iatio	ons:					
Equip	mont				Procuring		Fiscal Year Appropriated	Cost	
Nomen		ure			Appropria		Or Requested	(\$000)	
					NONE		-	<u> </u>	
					IVOIVE				