

**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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ARMY NATIONAL GUARD

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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.

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION PROGRAM FY 2021
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Arizona	040037	Tucson NATIONAL GUARD READINESS CENTER	18,100	18,100	C	1
		Subtotal Tucson	\$ 18,100	18,100		
		* TOTAL MCNG FOR Arizona	\$ 18,100	18,100		
Colorado	080295	Peterson AFB 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	180202	Shelbyville NATIONAL GUARD READINESS CENTER ADD/ALT	12,000	12,000	C	15
		Subtotal Shelbyville	\$ 12,000	12,000		
		* TOTAL MCNG FOR Indiana	\$ 12,000	12,000		
Kentucky	210054	Frankfort NATIONAL GUARD/RESERVE CENTER BUILDING	15,000	15,000	C	23
		Subtotal Frankfort	\$ 15,000	15,000		
		* TOTAL MCNG FOR Kentucky	\$ 15,000	15,000		
Mississippi	280381	Brandon NATIONAL GUARD VEHICLE MAINTENANCE SHOP	10,400	10,400	C	29
		Subtotal Brandon	\$ 10,400	10,400		
		* TOTAL MCNG FOR Mississippi	\$ 10,400	10,400		

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MILITARY CONSTRUCTION PROGRAM FY 2021
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STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Nebraska	310140	North Platte NATIONAL GUARD VEHICLE MAINTENANCE SHOP	9,300	9,300	C	35
		Subtotal North Platte	\$ 9,300	9,300		
		* TOTAL MCNG FOR Nebraska	\$ 9,300	9,300		
New Jersey	340132	Joint Base McGuire-Dix-Lakehurst NATIONAL GUARD READINESS CENTER	15,000	15,000	C	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	C	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	C	57
		Subtotal Hermiston	\$ 9,300	9,300		
		* TOTAL MCNG FOR Oregon	\$ 9,300	9,300		
South Carolina	450109	Joint Base Charleston NATIONAL GUARD READINESS CENTER	15,000	15,000	C	63
		Subtotal Joint Base Charleston	\$ 15,000	15,000		
		* TOTAL MCNG FOR South Carolina	\$ 15,000	15,000		

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Tennessee	470030	McMinnville 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	481911	Fort Worth AIRCRAFT MAINTENANCE HANGAR Addition/Alter	6,000	6,000	C	85
		Subtotal Fort Worth	\$ 6,000	6,000		
	481315	Fort Worth NATIONAL GUARD VEHICLE MAINTENANCE SHOP	7,800	7,800	C	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	C	91
		Subtotal Nephi	\$ 12,000	12,000		
		* TOTAL MCNG FOR Utah	\$ 12,000	12,000		
Wisconsin	550148	Appleton NATIONAL GUARD READINESS CENTER ADD/ALT	11,600	11,600	C	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	C	107
		Subtotal Fort Allen	\$ 37,000	37,000		
		* TOTAL MCNG FOR Puerto Rico	\$ 37,000	37,000		

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STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Virgin Islands	520047	St. Croix ARMY AVIATION SUPPORT FACILITY (AASF)	28,000	28,000	C	113
		Subtotal St. Croix	\$ 28,000	28,000		
	520080	St. Croix Civil Support Team (CST) Ready Building	11,400	11,400	C	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		
	990033	Planning and Design Planning and Design	0	29,593		127
		Subtotal Planning and Design	\$ 0	29,593		
		* TOTAL MCNG FOR Worldwide Various	\$ 0	62,337		
** ARMY NATIONAL GUARD TOTAL			\$ 259,100	321,437		
		Total Cost of New Mission Projects	(0)	\$ 0		
		Total Cost of Current Mission Projects	(18)	\$ 259,100		
		Total Cost of other line items	(2)	\$ 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**

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB20	Change	Explanation	Proj No	Pax No	MDEP
2021	2021									
2021	AZ	Tucson	National Guard Readiness Center	18,100	18,100	0		2021	85384	ERED
2021	AR	Fort Chaffee	National Guard Vehicle Maintenance Shop	0	15,000	(15,000)	Project moved from 2021 to 2022	050170	85387	ERED
2021	CA	Bakersfield	National Guard Vehicle Maintenance Shop	0	9,300	(9,300)	Project moved from 2021 to 2022	060261	85389	EMNT
2021	CO	Peterson AFB	National Guard Readiness Center	15,000	15,000	0		080295	85390	ERED
2021	IL	Bloomington	National Guard Vehicle Maintenance Shop	0	15,000	(15,000)	Project moved from 2021 to 2022	171608	90193	EMNT
2021	IN	Shelbyville	National Guard Readiness Center Add/Alt	12,000	12,000	0		180202	86480	ERED
2021	KY	Frankfort	National Guard/Reserve Center Building	15,000	15,000	0		210054	85431	ERED
2021	MS	Brandon	National Guard Vehicle Maintenance Shop	10,400	10,400	0		280381	85452	EMNT
2021	NE	North Platte	National Guard Vehicle Maintenance Shop	9,300	9,300	0		310140	85465	EMNT
2021	NJ	Joint Base McGuire-Dix-Lakehurst	National Guard Readiness Center	15,000	15,000	0		340132	85478	ERED
2021	OH	Columbus	National Guard Readiness Center	15,000	15,000	0		390160	85495	ERED
2021	OK	Ardmore	National Guard Vehicle Maintenance Shop	0	9,800	(9,800)	Project moved from 2021 to 2022	400602	85570	EMNT
2021	OR	Klamath Falls	Armed Forces Reserve Center Building Addition	0	9,300	(9,300)	OR project substitution. TAG request. 410306 replaced by 411508.	410306	85502	ERED
2021	OR	Hermiston	Enlisted Barracks, Transient Training	9,300	0	9,300	OR project substitution. TAG request. 410306 replaced by 411508.	411508	90221	EITS
2021	PR	Fort Allen	National Guard Readiness Center	37,000	0	37,000	Natural Disaster Recovery	430062	94115	ERED
2021	SC	Joint Base Charleston	National Guard Readiness Center	15,000	15,000	0		450109	85519	ERED
2021	TN	McMinnville	National Guard Readiness Center	11,200	11,200	0		470030	85525	ERED
2021	TX	Fort Worth	National Guard Vehicle Maintenance Shop	7,800	7,800	0		481315	86691	EMNT
2021	TX	Fort Worth	Aircraft Maintenance Hangar Add/Alt	6,000	6,000	0		481911	94299	EMNT
2021	UT	Nephi	National Guard Readiness Center	12,000	12,000	0		491201	85532	ERED
2021	VI	St. Croix	Army Aviation Support Facility	28,000	0	28,000	Natural Disaster Recovery	520047	94113	ERVC
2021	VI	St. Croix	Ready Building	11,400	0	11,400	Natural Disaster Recovery	520080	94114	ERVC
2021	WI	Appleton	National Guard Readiness Center Add/Alt	11,600	11,600	0		550148	85553	ERED
2021	ZZZ	Various	Unspecified Minor Construction	32,744	11,900	20,844		990022	88445	E315
2021	ZZZ	Various	Planning and Design	29,593	13,245	16,348		990033	88446	E314
Total FY 2021 Program Request				321,437	256,945	64,492				

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

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB20	Change	Explanation	Proj No	Pax No	MDEP
2022	AK	Joint Base Elmendorf-Richardson	National Guard Readiness Center	0	34,000	(34,000)	Requirements of 021128 and 021024 consolidated as project 021024 in FY23. Project moved from 2023 to 2024.	2022 021128	86462	ERED
2022	AZ	Surprise	National Guard Readiness Center	0	11,600	(11,600)	Project moved from 2022 to 2023	040530	88921	ERED
2022	AR	Fort Chaffee	National Guard Readiness Center	15,000	0	15,000	Project moved from 2021 to 2022	050170	85387	ERED
2022	CA	Bakersfield	National Guard Vehicle Maintenance Shop	9,300	0	9,300	Project moved from 2021 to 2022	060261	85389	EMNT
2022	CT	Puham	National Guard Readiness Center	17,500	0	0		090040	88233	ERED
2022	DE	New Castle	National Guard Readiness Center	0	16,000	(16,000)	Project moved from 2022 to 2023	100093	86472	ERED
2022	DC	Joint Base Anacostia-Bolling	Combined Support Maintenance Shop Add/Alt	0	15,000	(15,000)	Project moved from 2022 to 2023	111083	85400	EMNT
2022	FL	Camp Blanding	Scout RECCE Gunnery Complex	16,200	16,200	0		120214	84561	VSRM
2022	GA	Fort Benning	Transient UPH Advanced Skills Trainees (AST)	13,200	13,200	0		130131	85565	EITS
2022	GU	Barrigada	National Guard Readiness Center Addition	34,000	34,000	0		140052	85407	ERED
2022	IL	Jerome	National Guard Readiness Center	15,000	15,000	0		160098	85411	ERED
2022	IL	Bloomington	National Guard Vehicle Maintenance Shop	15,000	0	15,000	Project moved from 2021 to 2022	171608	90193	EMNT
2022	KS	Topeka	National Guard/Reserve Center Building Addition	15,000	15,000	0		200105	86491	ERED
2022	LA	Lake Charles	National Guard Readiness Center	15,000	15,000	0		220141	85434	ERED
2022	ME	Saco	National Guard Vehicle Maintenance Shop	16,000	16,000	0		230125	85435	EMNT
2022	MI	Grayling	National Guard Readiness Center	16,000	16,000	0		260247	86608	ERED
2022	MT	Butte	National Guard Readiness Center	0	16,000	(16,000)	Project moved from 2022 to 2023	300049	85460	ERED
2022	NY	Troy	National Guard Vehicle Maintenance Shop	17,000	17,000	0		361403	86636	EMNT
2022	NC	McLeansville	National Guard Vehicle Maintenance Shop	15,000	15,000	0		371602	90308	EMNT
2022	ND	Dickinson	National Guard Readiness Center	0	15,500	(15,500)	Project moved from 2022 to 2023	360058	86704	ERED
2022	OK	Ardmore	National Guard Vehicle Maintenance Shop	9,800	0	9,800	Project moved from 2021 to 2022	400602	85570	EMNT
2022	PR	Fort Buchanan	National Guard/Reserve Center Building Addition	0	16,500	(16,500)	Project moved from 2022 to 2023	430068	85511	ERED
2022	SC	Camp McCrady	Automated Multipurpose Machine Gun (MPMG) Range	6,000	5,400	600	Increased Cost Estimate	450377	85615	VSRM
2022	VT	Bennington	National Guard Readiness Center	0	14,800	(14,800)	Project moved from 2022 to 2023	500073	85537	ERED
2022	VA	Roanoke	National Guard Readiness Center Addition	6,100	6,100	0		510075	90672	ERED
2022	VA	Roanoke	Combined Support Maintenance Shop Addition	6,900	6,900	0		510091	90673	EMNT
2022	VI	St. Thomas	National Guard Vehicle Maintenance Shop	15,000	15,000	0		520040	85546	EMNT
2022	WV	Buckhannon	National Guard Readiness Center Add/Alt	14,000	14,000	0		540227	85551	ERED
2022	WY	Lovell	National Guard Vehicle Maintenance Shop	0	14,800	(14,800)	Project moved from 2022 to 2023	560903	85557	EMNT
2022	ZZZ	Various	Unspecified Minor Construction	25,208	18,000	7,208		990022	90716	E315
2022	ZZZ	Various	Planning and Design	26,033	21,456	4,577		990033	90717	E314
Total FY 2022 Program Request				338,241	430,956	(92,715)				

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

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB20	Change	Explanation	Proj No	Pax No	MDEP
2023	2023									
2023	AL	Huntsville	National Guard Readiness Center	0	17,000	(17,000)	Project moved from 2023 to 2024	2023	85381	ERED
2023	AK	Joint Base Elmendorf-Richardson	National Guard Readiness Center	0	30,000	(30,000)	Requirements of 021128 and 021024 consolidated as project 021024 in FY23. Project moved from 2023 to 2024.	010907	90207	ERED
2023	AZ	Surprise	National Guard Readiness Center	11,600	0	11,600	Project moved from 2022 to 2023	040530	88921	ERED
2023	AR	Camp Robinson	Automated Multipurpose Machine Gun Range	0	8,000	(8,000)	Training program moved project from 2023 to 2024	050186	85715	VSRM
2023	CO	Castle Rock	National Guard Readiness Center	0	15,500	(15,500)	Project moved from 2023 to 2024	080057	85663	ERED
2023	DE	New Castle	National Guard Readiness Center	16,000	0	16,000	Project moved from 2022 to 2023	100093	86472	ERED
2023	DC	Joint Base Anacostia-Bolling	Combined Support Maintenance Shop Add/Alt	15,000	0	15,000	Project moved from 2022 to 2023	111083	85400	EMNT
2023	FL	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range	0	8,500	(8,500)	Training program moved project from 2023 to 2024	120213	85610	VSRM
2023	FL	Palm Coast	National Guard Vehicle Maintenance Shop	12,000	12,000	0		120324	88235	EMNT
2023	HI	Kapolei	National Guard Readiness Center Addition	29,000	29,000	0		150084	85409	ERED
2023	IL	North Riverside	National Guard Vehicle Maintenance Shop	17,500	17,500	0		170077	85415	EMNT
2023	IN	Indianapolis	National Guard Readiness Center	20,000	20,000	0		180203	86700	ERED
2023	IA	Des Moines	National Guard Readiness Center	15,000	15,000	0		190191	86487	ERED
2023	KY	Wendell H. Ford Training Center	Multipurpose Machine Gun (MPMG) Range	0	8,000	(8,000)	Training program removed project	210293	85611	VSRM
2023	MN	New Ulm	National Guard Readiness Center	17,000	17,000	0		270015	85449	ERED
2023	MO	St Louis	National Guard Readiness Center	20,000	20,000	0		290179	88251	ERED
2023	MT	Butte	National Guard Readiness Center	16,000	0	16,000	Project moved from 2022 to 2023	300049	85460	ERED
2023	NV	Reno	National Guard Readiness Center Add/Alt	18,000	18,000	0		320159	86626	ERED
2023	NH	Plymouth	National Guard Readiness Center	17,000	17,000	0		330389	88255	ERED
2023	NJ	Vineland	National Guard Vehicle Maintenance Shop	0	18,000	(18,000)	Project moved from 2023 to 2024	340131	85479	EMNT
2023	NM	Rio Rancho	National Guard Vehicle Maintenance Shop Addition	9,200	9,200	0		350104	86635	EMNT
2023	NM	Las Cruces	National Guard Vehicle Maintenance Shop Addition	5,100	5,100	0		350105	90220	EMNT
2023	ND	Dickinson	National Guard Readiness Center	15,500	0	15,500	Project moved from 2022 to 2023	380058	86704	ERED
2023	OR	Hillsboro	National Guard Readiness Center	0	22,000	(22,000)	Project moved from 2023 to 2024	410093	85503	ERED
2023	PA	Hermitage	National Guard Readiness Center	0	10,600	(10,600)	Project moved from 2023 to 2024	420173	86705	ERED
2023	PR	Fort Buchanan	National Guard/Reserve Center Building Addition	16,500	0	16,500	Project moved from 2022 to 2023	430068	85511	ERED
2023	SC	Aiken	National Guard Readiness Center	0	15,500	(15,500)	Project moved from 2023 to 2024	450193	85520	ERED
2023	SD	Sioux Falls	National Guard Readiness Center	0	15,000	(15,000)	Project moved from 2023 to 2024	460158	90224	ERED
2023	KY	Fort Campbell	National Guard Readiness Center	0	12,000	(12,000)	Increased cost reverses cost reduction in prior FYDP. Project moved from 2023 to 2024	470195	90764	ERED
2023	VT	Bennington	National Guard Readiness Center	14,800	0	14,800	Project moved from 2022 to 2023	500073	85537	ERED
2023	WI	Viroqua	National Guard Readiness Center	15,000	15,000	0		550184	86664	ERED
2023	WY	Lovell	National Guard Vehicle Maintenance Shop	14,800	0	14,800	Project moved from 2022 to 2023	560903	85657	EMNT
2023	ZZZ	Various	Unspecified Minor Construction	18,400	18,400	0		990022	90718	E315
2023	ZZZ	Various	Planning and Design	12,938	32,572	(19,634)		990033	90719	E314
Total FY 2023 Program Request				346,338	425,872	(79,534)				

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

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB20	Change	Explanation	Proj No	Pax No	MDEP
2024	2024							2024		
2024	AL	Huntsville	National Guard Readiness Center	17,000	0	17,000	Project moved from 2023 to 2024	010907	85381	ERED
2024	AK	Joint Base Elmendorf-Richardson	National Guard Vehicle Maintenance Shop	59,000	0	59,000	Requirements of 021128 and 021024 consolidated as project 021024 in FY23. Project moved from 2023 to 2024	021024	90207	ERED
2024	AR	Camp Robinson	Automated Multipurpose Machine Gun Range	8,000	0	8,000	Training program moved project from 2023 to 2024	050186	85715	VSRM
2024	CA	Moreno Valley	National Guard Vehicle Maintenance Shop	0	24,000	(24,000)	Project moved from 2024 to 2025	060252	85389	EMNT
2024	CO	Castle Rock	National Guard Readiness Center	15,500	0	15,500	Project moved from 2023 to 2024	080057	85563	ERED
2024	FL	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range	8,500	0	8,500	Training program moved project from 2023 to 2024	120213	85610	VSRM
2024	FL	Camp Blanding	Training Aids Center	8,600	8,500	100	Increased Cost Estimate	120231	84651	TAVI
2024	GU	Barrigada	National Guard Readiness Center Addition	0	45,000	(45,000)	Project moved from 2024 to 2025	140051	85407	ERED
2024	ID	Jerome	National Guard Vehicle Maintenance Shop	15,000	15,000	0		160069	85412	EMNT
2024	ID	Boise	Simulations Center	15,000	27,000	(12,000)	Reduced Cost Estimate	160175	92651	TBWG
2024	IN	Camp Atterbury	Automated Multipurpose Machine Gun Range	8,000	8,000	0		180162	85627	VSRM
2024	KY	Burlington	National Guard Vehicle Maintenance Shop	14,800	14,800	0		210192	85432	EMNT
2024	LA	Lafayette	National Guard Readiness Center	0	24,000	(24,000)	Project moved from 2024 to 2025	220123	86500	ERED
2024	MD	Baltimore	National Guard Readiness Center	0	19,000	(19,000)	Project moved from 2024 to 2025	240162	88245	ERED
2024	MA	Camp Edwards	National Guard Readiness Center	24,000	24,000	0		250148	86606	ERED
2024	MS	Southaven	National Guard Readiness Center	22,000	22,000	0		280321	88249	ERED
2024	MT	Malta	National Guard Vehicle Maintenance Shop	0	8,400	(8,400)	Project moved from 2024 to 2025	300238	90746	EMNT
2024	NJ	Vineland	National Guard Vehicle Maintenance Shop	18,000	0	18,000	Project moved from 2023 to 2024	340131	85479	EMNT
2024	NC	Rocky Mount	National Guard Readiness Center	0	18,500	(18,500)	Project moved from 2024 to 2025	371605	92223	ERED
2024	OH	Camp Perry	National Guard Readiness Center	14,700	14,700	0		390214	85496	ERED
2024	OK	Shawnee	National Guard Readiness Center	0	18,000	(18,000)	Project moved from 2024 to 2025	401207	85499	ERED
2024	OR	Hillsboro	National Guard Readiness Center	22,000	0	22,000	Project moved from 2023 to 2024	410093	85503	ERED
2024	PA	Hermitage	National Guard Readiness Center	10,600	0	10,600	Project moved from 2023 to 2024	420173	86705	ERED
2024	RI	North Kingstown	National Guard Readiness Center	30,000	30,000	0		440063	85724	ERED
2024	SC	Aiken	National Guard Readiness Center	15,500	0	15,500	Project moved from 2023 to 2024	450193	85520	ERED
2024	SD	Stoux Falls	National Guard Readiness Center	15,000	0	15,000	Project moved from 2023 to 2024	460158	90224	ERED
2024	KY	Fort Campbell	National Guard Readiness Center	12,800	0	12,800	Increased cost reverses cost reduction in prior FYDP. Project moved from 2023 to 2024	470195	90764	ERED
2024	UT	Manti	National Guard Readiness Center	0	20,000	(20,000)	Project moved from 2024 to 2025	491202	88240	ERED
2024	VA	Sandston	Aircraft Maintenance Hangar	20,000	20,000	0		511018	85547	EMNT
2024	WA	Camp Murray	National Guard/Reserve Center Building	22,000	22,000	0		530077	86688	ERED
2024	ZZZ	Various	Unspecified Minor Construction	36,339	31,639	4,700	Training program Addition	990022	95121	E315
2024	ZZZ	Various	Planning and Design	20,278	29,223	(8,945)		990033	95125	E314
Total FY 2024 Program Request				452,617	443,762	8,855				

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

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB20	Change	Explanation	Proj No	Pax No	MDEP
2025	2025									
2025	CA	Moreno Valley	National Guard Vehicle Maintenance Shop	24,000	0	24,000	Project moved from 2024 to 2025	2025 060252	85389	EMNT
2025	GU	Barrigada	National Guard Readiness Center Addition	45,000	0	45,000	Project moved from 2024 to 2025	140051	85407	ERED
2025	IA	Stoux City	National Guard Vehicle Maintenance Shop	10,400	0	10,400	Accelerated from the Infrastructure Requirements Plan	190137	85578	EMNT
2025	IA	Waterloo	National Guard Vehicle Maintenance Shop	10,600	0	10,600	Accelerated from the Infrastructure Requirements Plan	190185	90198	EMNT
2025	LA	Lafayette	National Guard Readiness Center	24,000	0	24,000	Project moved from 2024 to 2025	220123	86500	ERED
2025	LA	Abbeville	National Guard Readiness Center Addition	16,500	0	16,500	Accelerated from the Infrastructure Requirements Plan	220161	90208	ERED
2025	MD	Baltimore	National Guard Readiness Center	19,000	0	19,000	Project moved from 2024 to 2025	240162	88245	ERED
2025	MT	Malta	National Guard Vehicle Maintenance Shop	8,400	0	8,400	Project moved from 2024 to 2025	300238	90746	EMNT
2025	NH	Littleton	National Guard Vehicle Maintenance Shop Addition	13,600	0	13,600	Accelerated from the Infrastructure Requirements Plan	330022	88254	EMNT
2025	NC	Rocky Mount	National Guard Readiness Center	18,500	0	18,500	Project moved from 2024 to 2025	371605	92223	ERED
2025	OH	Lebanon	National Guard Readiness Center Addition	18,500	0	18,500	Accelerated from the Infrastructure Requirements Plan	390130	92217	ERED
2025	OK	Shawnee	National Guard Readiness Center	18,000	0	18,000	Project moved from 2024 to 2025	401207	85499	ERED
2025	OR	Boardman	Automated Multipurpose Machine Gun Range	16,500	0	16,500	Training program inserted project	410033	92139	VSRM
2025	OR	Lebanon	National Guard Readiness Center Addition	25,000	0	25,000	Accelerated from the Infrastructure Requirements Plan	410056	92138	ERED
2025	PA	Danville	National Guard Vehicle Maintenance Shop	17,000	0	17,000	Accelerated from the Infrastructure Requirements Plan	420517	90440	EMNT
2025	PA	Fort Indiantown Gap	Automated Multipurpose Machine Gun Range	15,500	0	15,500	Training program inserted project	420519	91326	VSRM
2025	SD	Watertown	National Guard Vehicle Maintenance Shop	20,000	0	20,000	Accelerated from the Infrastructure Requirements Plan	460136	93729	EMNT
2025	UT	Manti	National Guard Readiness Center	20,000	0	20,000	Project moved from 2024 to 2025	491202	88240	ERED
2025	WI	Black River Falls	National Guard Readiness Center Addition	20,000	0	20,000	Accelerated from the Infrastructure Requirements Plan	550180	85554	ERED
2025	ZZZ	Various	Unspecified Minor Construction	76,515	0	76,515		990022	95122	E315
2025	ZZZ	Various	Planning and Design	22,514	0	22,514		990033	95126	E314
				459,529	0	459,529				
				Total FY 2025 Program Request	0	459,529				

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APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, and contiguous therefore, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and Military Construction Authorization Acts \$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 purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

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SPECIAL PROGRAM 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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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEBRUARY 2020			
3. INSTALLATION AND LOCATION Tucson Arizona	INSNO= 04B90			4. AREA CONSTRUCTION COST INDEX .96			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 0.00 miles 0 (0) 0							
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST	DESIGN STATUS				
CODE	PROJECT TITLE	SCOPE	START	CPL			
17180	NATIONAL GUARD READINESS CENTER	8,060 m2 (86,759 SF)	18,100 (\$000)	OCT 2018 SEP 2020			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				25 JUN 2019 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
CODE	PROJECT TITLE		(\$000)				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		1,424					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	17	0	17	0	329	15	314
ACTUAL	10	0	10	0	334	15	319
12. RESERVE UNIT DATA							
				STRENGTH			
UNIT DESIGNATION	UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL		
(CO TRANS MDM TRK CO ()	WPMZAA	35546	55653KNG13	168	168		
RECRUITING TEAM (BN ARIZONA REC & R	W90C22		NGW90CAA	4	4		
(CO TRANS MDM TRK CO ()	WQQHAA	35547	55643KNG52	116	121		
DET 1 (BN FA BN, COMP (3X6))	WQLVT1		06235KNG05	41	41		
				329	334		
Assigned/Authorized: 102%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED			ACTUAL			
WHEELED	153			153			
TRAILERS	39			39			
TRACKED	0			0			
EQUIPMENT > 30 FT	206			206			
Fuel Truck	4			4			
HET	0			0			
TOTALS	402			402			

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION Tucson Arizona		4. AREA CONSTRUCTION INSNO= 04B90 COST INDEX .96						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Tucson Arizona				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85384 040037		8. PROJECT COST (\$000) Approp 18,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						18,430
17180 Readiness Center		m2 (SF)	6,457 (69,506)		2,011	(12,987)
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	(38)
44240 Flammable Materials Facility		m2 (SF)	20.44 (220)		1,292	(26)
81160 Backup/Emergency Generator		EA	1 --		100,000	(100)
Total from Continuation page(s)						(3,275)
SUPPORTING FACILITIES						2,833
Electric Service		LS	--		--	(75)
Water, Sewer, Gas		LS	--		--	(225)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,248)
Storm Drainage		LS	--		--	(100)
Site Imp(556) Demo()		LS	--		--	(556)
Information Systems		LS	--		--	(114)
Antiterrorism Measures		LS	--		--	(273)
Other		LS	--		--	(242)
ESTIMATED CONTRACT COST						21,263
CONTINGENCY (5.00%)						1,063
SUBTOTAL						22,326
SUPV, INSP & OVERHEAD (3.50%)						781
DESIGN/BUILD-DESIGN COST (4.44%)						993
TOTAL REQUEST						24,100
State Share						6,000
TOTAL FEDERAL REQUEST						18,100
INSTALLED EQT-OTHER APPROP						(1,789)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, and Heating Plant (Geothermal). 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Tucson Arizona	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85384 040037	8. PROJECT COST (\$000) Approp 18,100
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9. COST ESTIMATES (CONTINUED)					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)					
85210 Rigid Pavement for MEP	m2 (SY)	21,969 (26,275)	101.66	(2,233)	
81122 Electric Power, Photovoltaic	EA	1 --	550,000	(550)	
Sustainability/Energy Measures	LS	--	--	(363)	
Antiterrorism Measures	LS	--	--	(129)	
			Total	3,275	

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
816 kW_r/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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA				2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Tucson Arizona				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER			
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180		7. PROJECT NUMBER 85384 040037		8. PROJECT COST (\$000) Approp 18,100	
CURRENT SITUATION: (CONTINUED)							
Currently the soldiers are training out of modular trailers.							
Trailers are not generating a sustainment need.							
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating Local 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.							
<u>IMPACT IF NOT PROVIDED:</u> 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.							
<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.							
<u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.							
<u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.							
<u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.							

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Tucson Arizona	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85384 040037	8. PROJECT COST (\$000) Approp 18,100
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ADDITIONAL: (CONTINUED)

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2018
(b) Percent Complete as of January 2020.....	100
(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-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	727
(c) Total Design Cost.....	727
(d) Contract.....	727
(e) In-house.....	0

(4) Construction Contract Award..... FEB 2021

(5) Construction Start..... JUL 2021

(6) Construction Completion..... APR 2023

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Tucson Arizona	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85384 040037	8. PROJECT COST (\$000) Approp 18,100
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	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	<u>1,789</u>

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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Peterson AFB Colorado				INSNO= 08B38	4. AREA CONSTRUCTION COST INDEX 1.00
5. FREQUENCY AND TYPE OF UTILIZATION Reservists: 0 nights/week. Full-Time Personnel: 0 days/week.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 0.00 miles 0 (0) 0					
7. PROJECTS REQUESTED IN THIS PROGRAM CATEGORY COST DESIGN STATUS CODE PROJECT TITLE SCOPE (\$000) START Cmpl 17180 National Guard Readiness Center 3,562 m2 (38,338 SF) 15,000 OCT 2018 OCT 2020					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES 23 FEB 2018 FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE (Date) UNILATERAL CONSTRUCTION.					
9. LAND ACQUISITION REQUIRED None 0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST CODE PROJECT TITLE SCOPE (\$000) NONE DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0 A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.					
11. PERSONNEL STRENGTH AS OF 17 OCT 2018 PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED 50 20 30 0 93 53 40 ACTUAL 67 32 35 0 93 53 40					
12. RESERVE UNIT DATA UNIT DESIGNATION UIC TPSN MTOE/TDA STRENGTH AUTHORIZED ACTUAL (CMD COARNG ELE MOB CM) W87YAA 56691 NGW87YAA 29 29 ARNG ELE 1 (HHB , GMD BDE) WND9G1 24002 40702KNGM1 64 64 93 93 Assigned/Authorized: 100%					
13. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ACTUAL WHEELED 0 0 TRAILERS 0 0 TRACKED 0 0 EQUIPMENT > 30 FT 0 0 Fuel Truck 0 0 HET 0 0 TOTALS 0 0					

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION Peterson AFB Colorado		4. AREA CONSTRUCTION INSNO= 08B38 COST INDEX 1.00						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Peterson AFB Colorado				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85390 080295		8. PROJECT COST (\$000) Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						12,152
17180 Readiness Center		m2 (SF)	3,562 (38,338)		3,225	(11,488)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
81122 Electric Power, Photovoltaic		EA	1 --		126,000	(126)
82187 Heating Plant, Geothermal		EA	1 --		150,000	(150)
Sustainability/Energy Measures		LS	--		--	(238)
SUPPORTING FACILITIES						1,655
Electric Service		LS	--		--	(120)
Water, Sewer, Gas		LS	--		--	(360)
Paving, Walks, Curbs And Gutters		LS	--		--	(131)
Storm Drainage		LS	--		--	(243)
Site Imp(365) Demo()		LS	--		--	(365)
Information Systems		LS	--		--	(98)
Antiterrorism Measures		LS	--		--	(176)
Other		LS	--		--	(162)
ESTIMATED CONTRACT COST						13,807
CONTINGENCY (5.00%)						690
SUBTOTAL						14,497
SUPV, INSP & OVERHEAD (3.51%)						509
TOTAL REQUEST						15,006
TOTAL FEDERAL REQUEST						15,006
TOTAL FEDERAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(1,612)
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, Electric Power (Photovoltaic), and Heating Plant (Geothermal). Comprehensive interior design services are requested for this project. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes 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 40,268 SQFT Disposal of 1 building at Colorado Springs 3 Readiness Center, CO (Total 1,868 m2/20,111 SF), and 1 building at Fort Carson (Enclave), CO (Total 1,873 m2/20,157 SF). Air Conditioning (Estimated 450 kW/128 Tons).						
11. REQ: 3,562 m2		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: To construct a 38,338 SF National Guard Readiness Center that supports						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Peterson AFB Colorado	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85390 080295	8. PROJECT COST (\$000) Approp 15,000
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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 anti-terrorism/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 defend 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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
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1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Peterson AFB Colorado	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85390 080295	8. PROJECT COST (\$000) Approp 15,000
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CURRENT SITUATION: (CONTINUED)
08A42 4499 17180 00705 C4 No Current Facility

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.

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

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

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

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Design Start Date.....	OCT 2018
(b) Percent Complete as of January 2020.....	65
(c) Date 35% Designed.....	JUN 2019

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Peterson AFB Colorado	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85390 080295	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(d) Date Design Complete.....	OCT 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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	834
(b) All Other Design Costs.....	472
(c) Total Design Cost.....	1,306
(d) Contract.....	1,306
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... APR 2021

(6) Construction Completion..... APR 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	750
ESS (171R)	OPA	2022	54
Info Sys - ISC	OPA	2022	244
Info Sys - PROP	OMNG	2022	564
		Total	1,612

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEBRUARY 2020		
3. INSTALLATION AND LOCATION Shelbyville Indiana				INSNO= 18D00	4. AREA CONSTRUCTION COST INDEX 1.10		
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Shelbyville, IN	0.00 miles	Aviation Facility	3,320 m2	(35,738 SF)	1971	
ARNG	Franklin, IN	15.00 miles	Readiness Center	15,146 m2	(163,031 SF)	2011	
ARNG	Greenfield, IN	19.00 miles	Readiness Center	1,812 m2	(19,500 SF)	1957	
ARNG	Edinburgh, IN	23.00 miles	Readiness Center	8,247 m2	(88,770 SF)	1987	
ARNG	Columbus, IN	30.00 miles	Readiness Center	1,862 m2	(20,042 SF)	1979	
ARNG	Indianapolis, IN	35.00 miles	Readiness Center	8,714 m2	(93,793 SF)	1977	
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY				COST	DESIGN STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>		
17180	NATIONAL GUARD READINESS CENTER ADD/ALT	4,899 m2	(52,728 SF)	12,000	JAN 2019	OCT 2020	
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.					19 APR 2019 (Date)		
9. LAND ACQUISITION REQUIRED							
None					0 (Number of acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY				COST			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		7,600					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	37	6	31	0	263	53	210
ACTUAL	46	13	33	0	272	47	225
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
CO B DET 2 (BN AVIATION SUPPORT B)	WPJLB2	03738	63475KNG26	23	24		
TRP P (BN ASSAULT BN (UH-60))	WV7QC0	03738	01205KNG45	43	43		
DET 1 TRP Q (BN ASSAULT BN (UH-60))	WV7QD1	03738	01205KNG45	19	19		
CO E DET 1 (BN ASSAULT BN (UH-60))	WV7QE1	03738	01205KNG45	13	13		
HHC DET 1 (BN ASSAULT BN (UH-60))	WV7QT1	03738	01205KNG45	2	2		
CO E (BN GEN SPT AVN BN (EC))	WP1JE0	20122	01435KNG18	68	70		
HHC (BN GEN SPT AVN BN (EC))	WP1JT0	20122	01435KNG18	71	71		
DET 1 CO C (BN AVN SECURITY AND S)	WP7RC1	03735	01655XNG32	24	30		
				263	272		
Assigned/Authorized: 103%							

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Shelbyville Indiana		4. AREA CONSTRUCTION COST INDEX 1.10
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	57	57
TRAILERS	76	76
TRACKED	0	0
EQUIPMENT > 30 FT	9	9
Fuel Truck	8	8
HET	0	0
TOTALS	150	150
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Shelbyville Indiana				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86480 180202		8. PROJECT COST (\$000) Approp 12,000	
9. COST ESTIMATES						
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 EQT-OTHER APPROP						(1,670)
10. Description of Proposed Construction A specially designed addition and alteration on a 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 kW/170 Tons).						

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Shelbyville Indiana			4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86480 180202	8. PROJECT COST (\$000) Approp 12,000		
11. REQ:	4,899 m2	ADQT:	NONE	SUBSTD:	3,742 m2
<p><u>PROJECT:</u> 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)</p> <p><u>REQUIREMENT:</u> 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:</p> <p>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. WP1JE0, 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.</p> <p><u>CURRENT SITUATION:</u> 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.</p> <p>The State of Indiana has conducted a preliminary design on this project and is currently at 10 % Design.</p> <p>The site for this project is in the possession of the state of Indiana.</p> <p>Currently, the state of Indiana has begun the environmental assessment on this project.</p>					

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Shelbyville Indiana	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86480 180202	8. PROJECT COST (\$000) Approp 12,000
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CURRENT SITUATION: (CONTINUED)

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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
18D00	7254	17180	00001	2018	F4	Q4	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, 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Shelbyville Indiana	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86480 180202	8. PROJECT COST (\$000) Approp 12,000
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ADDITIONAL: (CONTINUED)
description of construction and cost estimate.

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	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 Estimating Used to Develop Costs..	NO
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	660
(b) All Other Design Costs.....	374
(c) Total Design Cost.....	1,034
(d) Contract.....	1,034
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... JUN 2021

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Shelbyville Indiana	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86480 180202	8. PROJECT COST (\$000) Approp 12,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)
(6) Construction Completion..... JUN 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	600
ESS (171R)	OPA	2022	55
Info Sys - ISC	OPA	2022	577
Info Sys - PROP	OMNG	2022	438
		Total	1,670

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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020			
3. INSTALLATION AND LOCATION Frankfort Kentucky	INSNO= 21A85	4. AREA CONSTRUCTION COST INDEX .87			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ANG	Shelbyville, KY	35.00 miles Readiness Center 833 m2 (8,961 SF) 1995			
ANG	Lexington, KY	25.00 miles Readiness Center 2,581 m2 (27,782 SF) 1971			
ANG	Armory 1 - Frankfort	1.00 miles Readiness Center 3,345 m2 (36,000 SF) 1976			
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY	SCOPE	COST (\$000) DESIGN STATUS START Cmpl			
<u>CODE</u> <u>PROJECT TITLE</u>					
17142	NATIONAL GUARD/RESERVE CENTER BUILDING 5,920 m2 (63,726 SF)	15,000 OCT 2019 OCT 2020			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE JOINT CONSTRUCTION.		12 MAR 2019 (Date)			
9. LAND ACQUISITION REQUIRED					
None		0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
CATEGORY	SCOPE	COST (\$000)			
<u>CODE</u> <u>PROJECT TITLE</u>					
NONE					
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 15,000					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.					
11. PERSONNEL STRENGTH AS OF 17 OCT 2018					
	PERMANENT	GUARD/RESERVE			
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>			
AUTHORIZED	108 45 63 0	217 109 108			
ACTUAL	29 2 20 7	185 99 86			
12. RESERVE UNIT DATA					
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>	
				<u>AUTHORIZED</u>	<u>ACTUAL</u>
(HQ ARNG ELMT, JFHQ-KY)	W8A2AA		NGW8A2AA	194	162
ANG	WANG01			22	22
(HQ ARMY ELE JFHQ-KY)	W929AA		NGW929AA	3	3
				219	187
Assigned/Authorized: 85%					

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Frankfort Kentucky		4. AREA CONSTRUCTION INSNO= 21A85 COST INDEX .87
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	90	90
TRAILERS	29	29
TRACKED	0	0
EQUIPMENT > 30 FT	0	0
Fuel Truck	0	0
HET	0	0
TOTALS	119	119
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Frankfort Kentucky				4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17142	7. PROJECT NUMBER 85431 210054		8. PROJECT COST (\$000) Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						13,662
17180 Readiness Center		m2 (SF)	5,910 (63,616)		2,174	(12,850)
44240 Flammable Materials Facility		m2 (SF)	10.22 (110)		1,397	(14)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
81122 Electrical Power, Photovoltaic		EA	1 --		125,000	(125)
82187 Heating Plant, Geothermal		EA	1 --		254,500	(255)
Sustainability/Energy Measures		LS	--		--	(268)
SUPPORTING FACILITIES						1,257
Electric Service		LS	--		--	(50)
Water, Sewer, Gas		LS	--		--	(65)
Paving, Walks, Curbs And Gutters		LS	--		--	(294)
Storm Drainage		LS	--		--	(153)
Site Imp(410) Demo()		LS	--		--	(410)
Information Systems		LS	--		--	(26)
Antiterrorism Measures		LS	--		--	(143)
Other		LS	--		--	(116)
ESTIMATED CONTRACT COST						14,919
CONTINGENCY (5.00%)						746
SUBTOTAL						15,665
SUPV, INSP & OVERHEAD (3.52%)						551
TOTAL REQUEST						16,216
Other DoD Component Share						1,016
Other Non-DoD Component Share						200
TOTAL FEDERAL REQUEST						15,000
TOTAL FEDERAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(1,733)
10. Description of Proposed Construction A specially designed National Guard/Reserve Center 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 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 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 kW/213 Tons).						
11. REQ: 5,920 m2		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: To construct a 63,726 SQFT National Guard/Reserve Center Building that supports training, administrative, and logistical requirements for the KYARNG. This						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Frankfort Kentucky	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85431 210054	8. PROJECT COST (\$000) Approp 15,000
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PROJECT: (CONTINUED)

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

REQUIREMENT: 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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local 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 O & 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Frankfort Kentucky	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85431 210054	8. PROJECT COST (\$000) Approp 15,000
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IMPACT IF NOT PROVIDED: (CONTINUED)
provided Life Safety will remain at the level built into a 45 year old building. If this project is not provided Equipment Maintenance will remain in its current state. If this project is not provided Retention will be affected by being depressed due to the unimpressive nature of the existing building interior. If this project is not provided leasing will not be affected as the current accommodation is not leased. If this project is not provided Org/MOV Parking will not be affected as the parking is not part of this project, existing parking being sufficient. If this project is not provided ATFP will remain at the current level. If this project is not provided Organizational Storage will continue to remain undersized and dislocated from the personnel.

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

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

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and 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 2019
(b) Percent Complete as of January 2020.....	<u>65</u>
(c) Date 35% Designed.....	<u>DEC 2019</u>
(d) Date Design Complete.....	<u>OCT 2020</u>

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Frankfort Kentucky	4. PROJECT TITLE NATIONAL GUARD/RESERVE CENTER BUILDING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17142	7. PROJECT NUMBER 85431 210054	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

- (e) Parametric Cost Estimating Used to Develop Costs.. NO
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	896
(b) All Other Design Costs.....	508
(c) Total Design Cost.....	1,404
(d) Contract.....	1,404
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... APR 2021

(6) Construction Completion..... APR 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	750
ESS (171R)	OPA	2022	56
Info Sys - ISC	OPA	2022	441
Info Sys - PROP	OMNG	2022	486
Total			1,733

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020		
3. INSTALLATION AND LOCATION Brandon Mississippi		4. AREA CONSTRUCTION COST INDEX .84		
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
ARNG	Brandon, MS	5.00 miles Readiness Center 1,395 m2 (15,021 SF) 1971		
ARNG	Flowood, MS	10.00 miles USPFO Office 8,065 m2 (86,814 SF) 1969		
ANG	Flowood, MS	10.00 miles Aviation Facility 18,581 m2 (200,000 SF) 1969		
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u> <u>SCOPE</u>	<u>COST</u> <u>(\$000)</u> <u>DESIGN STATUS</u> <u>START</u> <u>C MPL</u>		
21407	MAINTENANCE SHOP 3,466 m2 (37,309 SF)	10,400 JUN 2019 SEP 2020		
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION				
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		13 JUN 2019 (Date)		
9. LAND ACQUISITION REQUIRED				
None		0 (Number of acres)		
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u> <u>COST</u> <u>(\$000)</u>		
NONE				
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0				
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.				
11. PERSONNEL STRENGTH AS OF 04 DEC 2018				
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>		
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>		
AUTHORIZED	22 0 0 22	0 0 0		
ACTUAL	38 0 0 38	0 0 0		
12. RESERVE UNIT DATA				
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u> <u>AUTHORIZED</u> <u>ACTUAL</u>
EQP MS ARNG FLD MAINT	W8SH09		NGW8SHAA	0 0 0 0
				Assigned/Authorized: 0%
13. MAJOR EQUIPMENT AND AIRCRAFT				
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED	831	0		
TRAILERS	333	0		
TRACKED	14	0		
EQUIPMENT > 30 FT	17	0		
Fuel Truck	11	0		
HET	0	0		
TOTALS	1,206	0		

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION Brandon Mississippi		4. AREA CONSTRUCTION INSNO= 28016 COST INDEX .84						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 40px;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Brandon Mississippi				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85452 280381		8. PROJECT COST (\$000) Approp 10,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						7,775
21407 Maintenance Shop		m2 (SF)	3,333 (35,879)		2,045	(6,817)
21470 Bulk POL Storage		m2 (SF)	40.88 (440)		1,076	(44)
44240 Flammable Materials Facility		m2 (SF)	61.32 (660)		1,076	(66)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		1,076	(33)
85210 Rigid Pavement for MEP		m2 (SY)	5,581 (6,675)		119.60	(668)
Sustainability/Energy Measures		LS	--		--	(147)
SUPPORTING FACILITIES						1,857
Electric Service		LS	--		--	(48)
Water, Sewer, Gas		LS	--		--	(162)
Paving, Walks, Curbs And Gutters		LS	--		--	(951)
Storm Drainage		LS	--		--	(50)
Site Imp(225) Demo()		LS	--		--	(225)
Information Systems		LS	--		--	(13)
Antiterrorism Measures		LS	--		--	(166)
Other		LS	--		--	(242)
ESTIMATED CONTRACT COST						9,632
CONTINGENCY (5.00%)						482
SUBTOTAL						10,114
SUPV, INSP & OVERHEAD (3.46%)						350
TOTAL REQUEST						10,464
TOTAL FEDERAL REQUEST						10,464
TOTAL FEDERAL REQUEST (ROUNDED)						10,400
INSTALLED EQT-OTHER APPROP						(1,608)
10. Description of Proposed Construction A specially designed National Guard Facility Maintenance Shop of permanent construction. The National Guard Facility Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, Bulk fuel and POL storage. 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 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 38,825 SQFT. Disposal of 3 buildings at MTA Camp Shelby, MS (Total 3,607 m2/38,825 SF). Air Conditioning (Estimated 134 kW/38 Tons).						
11. REQ: 3,466 m2		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: Construct a 37,309 sq ft National Guard Vehicle Maintenance Shop that includes both organizational and support maintenance shops to repair combat and tactical vehicles.						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Brandon Mississippi	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85452 280381	8. PROJECT COST (\$000) Approp 10,400
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PROJECT: (CONTINUED)

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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
28016	192376	21407	FMS09		F4	Q4	C4	No Facility (leased)

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Brandon Mississippi				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85452 280381		8. PROJECT COST (\$000) Approp 10,400	
<u>CURRENT SITUATION: (CONTINUED)</u>						
<p>This facility does not meet current ATRFP 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.</p> <p>Current lease expires in 2020.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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. Lease 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.</p> <p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p> <p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p> <p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p> <p><u>JOINT USE CERTIFICATION:</u> 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.</p>						
<u>12. SUPPLEMENTAL DATA:</u>						
A. Estimated Design Data:						
(1) Status:						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Brandon Mississippi	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85452 280381	8. PROJECT COST (\$000) Approp 10,400
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(a) Design Start Date.....	JUN 2019
(b) Percent Complete as of January 2020.....	35
(c) Date 35% Designed.....	MAR 2020
(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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	578
(b) All Other Design Costs.....	327
(c) Total Design Cost.....	905
(d) Contract.....	905
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... APR 2021

(6) Construction Completion..... OCT 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	389
ESS (214L)	OPA	2022	953
Info Sys - ISC	OPA	2022	78
Info Sys - PROP	OMNG	2022	188
		Total	1,608

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION North Platte Nebraska	INSNO= 31606	4. AREA CONSTRUCTION COST INDEX .99
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
ARNG	North Platte, NE	4.00 miles Maintenance Facility 659 m2 (7,095 SF) 1955
AR	North Platte, NE	4.00 miles USAR Center 949 m2 (10,220 SF) 1960
AR	North Platte, NE	2.00 miles Maintenance Facility 1,619 m2 (17,424 SF) 1960
ARNG	McCook, NE	68.00 miles Readiness Center 3,288 m2 (35,387 SF) 2011
ARNG	Broken Bow, NE	73.00 miles Readiness Center 1,742 m2 (18,751 SF) 1956
ARNG	Kearney, NE	99.00 miles Readiness Center 5,093 m2 (54,822 SF) 1996
7. PROJECTS REQUESTED IN THIS PROGRAM		
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
21407	NATIONAL GUARD VEHICLE MAINTENANCE SHOP	2,272 m2 (24,458 SF)
<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>	9,300 JAN 2018 SEP 2020
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		13 MAR 2019 (Date)
9. LAND ACQUISITION REQUIRED		
None		0 (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
NONE		
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		8,332
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.		
11. PERSONNEL STRENGTH AS OF 06 OCT 2017		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	13 0 0 13	0 0 0
ACTUAL	5 0 0 5	0 0 0
12. RESERVE UNIT DATA		
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>
FMS 03 (EQP NE ARNG FLD MAINT)	W8SM03	<u>MTOE/TDA</u>
		<u>STRENGTH</u> <u>AUTHORIZED</u> <u>ACTUAL</u>
		0 0 0 0
		Assigned/Authorized: 0%

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020																								
3. INSTALLATION AND LOCATION North Platte Nebraska		4. AREA CONSTRUCTION COST INDEX .99																								
13. MAJOR EQUIPMENT AND AIRCRAFT																										
<table border="0"> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>71</td> <td>1</td> </tr> <tr> <td>TRAILERS</td> <td>19</td> <td>1</td> </tr> <tr> <td>TRACKED</td> <td>0</td> <td>0</td> </tr> <tr> <td>EQUIPMENT > 30 FT</td> <td>121</td> <td>0</td> </tr> <tr> <td>Fuel Truck</td> <td>2</td> <td>0</td> </tr> <tr> <td>HET</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTALS</td> <td>213</td> <td>2</td> </tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	71	1	TRAILERS	19	1	TRACKED	0	0	EQUIPMENT > 30 FT	121	0	Fuel Truck	2	0	HET	0	0	TOTALS	213	2		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																								
WHEELED	71	1																								
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TOTALS	213	2																								
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																										
	(\$000)																									
A. AIR POLLUTION	0																									
B. WATER POLLUTION	0																									
C. OCCUPATIONAL SAFETY AND HEALTH	0																									

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION North Platte Nebraska				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 85465 310140		8. PROJECT COST (\$000) Approp 9,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						6,146
21407 Maintenance Shop		m2 (SF)	2,220 (23,899)		2,551	(5,665)
44240 Flammable Materials Facility		m2 (SF)	51.93 (559)		2,261	(117)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		2,260	(69)
85210 Rigid Pavement for MEP		m2 (SY)	1,714 (2,050)		101.66	(174)
Sustainability/Energy Measures		LS	--		--	(121)
SUPPORTING FACILITIES						2,419
Electric Service		LS	--		--	(125)
Water, Sewer, Gas		LS	--		--	(375)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,222)
Storm Drainage		LS	--		--	(125)
Site Imp(119) Demo()		LS	--		--	(119)
Information Systems		LS	--		--	(130)
Antiterrorism Measures		LS	--		--	(136)
Other		LS	--		--	(187)
ESTIMATED CONTRACT COST						8,565
CONTINGENCY (5.00%)						428
SUBTOTAL						8,993
SUPV, INSP & OVERHEAD (3.41%)						307
TOTAL REQUEST						9,300
TOTAL FEDERAL REQUEST						9,300
TOTAL FEDERAL REQUEST (ROUNDED)						9,300
INSTALLED EQT-OTHER APPROP						(1,613)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), 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 kW/27 Tons).						
11. REQ: 2,272 m2		ADQT: NONE		SUBSTD: NONE		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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION North Platte Nebraska			4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85465 310140	8. PROJECT COST (\$000) Approp 9,300		

PROJECT: (CONTINUED)

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

REQUIREMENT: 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.

CURRENT SITUATION: This project is critical to the state of Nebraska due to the current 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, equipment, and specialized work space requirements.

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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA				2. DATE FEBRUARY 2020		
3. INSTALLATION AND LOCATION North Platte Nebraska				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407		7. PROJECT NUMBER 85465 310140		8. PROJECT COST (\$000) Approp 9,300		
CURRENT SITUATION: (CONTINUED) has to be done outside the building.								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
31B30	6566	21407	OMS03	2017	F4	Q4	C4	NORTH PLATTE FMS #3
<p>The current building is not ADA compliant for parking, entrances, admin spaces, and restrooms.</p> <p>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.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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.</p> <p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p> <p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p> <p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p> <p><u>JOINT USE CERTIFICATION:</u> 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.</p>								

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION North Platte Nebraska	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85465 310140	8. PROJECT COST (\$000) Approp 9,300
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2018
(b) Percent Complete as of January 2020.....	65
(c) Date 35% Designed.....	JUN 2018
(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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	514
(b) All Other Design Costs.....	291
(c) Total Design Cost.....	805
(d) Contract.....	805
(e) In-house.....	0

(4) Construction Contract Award..... FEB 2021

(5) Construction Start..... APR 2021

(6) Construction Completion..... FEB 2023

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION North Platte Nebraska	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85465 310140	8. PROJECT COST (\$000) Approp 9,300
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	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 ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEBRUARY 2020			
3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey				4. AREA CONSTRUCTION COST INDEX 1.23			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 1-2 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
USAF	Joint Base MDL, NJ	1.00 miles	Base	9,290,300 m2 (99,999,999 SF) 2008			
ARNG	Joint Base MDL, NJ	1.00 miles	Maintenance Facility	9,476 m2 (102,000 SF) 2010			
ARNG	Joint Base MDL, NJ	15.00 miles	Readiness Center	6,178 m2 (66,500 SF) 1989			
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY			COST	DESIGN STATUS			
CODE	PROJECT TITLE	SCOPE	(\$000)	START Cmpl			
17180	NATIONAL GUARD READINESS CENTER	3,787 m2 (40,762 SF)	15,000	DEC 2019 DEC 2020			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				26 AUG 2019 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY			SCOPE	COST (\$000)			
CODE	PROJECT TITLE						
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			15,000				
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	4	0	4	0	86	10	76
ACTUAL	4	0	4	0	86	10	76
12. RESERVE UNIT DATA							
UNIT DESIGNATION	UIC	TPSN	MTOE/TDA	STRENGTH			
				AUTHORIZED	ACTUAL		
CO B (BN BDE SPT BN W/FSC ()	WV51B0		63035KNG51	86	86		
				86	86		
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE		AUTHORIZED	ACTUAL				
WHEELED		33	33				
TRAILERS		46	46				
TRACKED		0	0				
EQUIPMENT > 30 FT		5	5				
Fuel Truck		0	0				
HET		0	0				
TOTALS		84	84				

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey		4. AREA CONSTRUCTION INSNO= 34B10 COST INDEX 1.23						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85478 340132		8. PROJECT COST (\$000) Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						11,697
17180 Readiness Center		m2 (SF)	3,329 (35,829)		3,014	(10,032)
44224 Unheated Storage Building		m2 (SF)	417.41 (4,493)		1,776	(741)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		1,614	(50)
44240 Flammable Materials Facility		m2 (SF)	10.22 (110)		1,819	(19)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Total from Continuation page(s)						(705)
SUPPORTING FACILITIES						2,109
Electric Service		LS	--		--	(115)
Water, Sewer, Gas		LS	--		--	(321)
Paving, Walks, Curbs And Gutters		LS	--		--	(704)
Storm Drainage		LS	--		--	(150)
Site Imp(351) Demo()		LS	--		--	(351)
Information Systems		LS	--		--	(26)
Antiterrorism Measures		LS	--		--	(211)
Other		LS	--		--	(231)
ESTIMATED CONTRACT COST						13,806
CONTINGENCY (5.00%)						690
SUBTOTAL						14,496
SUPV, INSP & OVERHEAD (3.48%)						504
TOTAL REQUEST						15,000
TOTAL FEDERAL REQUEST						15,000
TOTAL FEDERAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(1,196)
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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85478 340132	8. PROJECT COST (\$000) Approp 15,000
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
85210 Rigid Pavement for MEP Sustainability/Energy Measures	m2 (SY) LS	3,616 (4,325) --	131.56 --	(476) (229)
			Total	705

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

CURRENT SITUATION: 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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local 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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85478 340132		8. PROJECT COST (\$000) Approp 15,000	
<u>CURRENT SITUATION: (CONTINUED)</u> Unit at this site.						
<p>Not having a Readiness Center has been a deterrent to recruiting, operations, maintaining equipment and training soldiers. This is a very serious issue to supporting the mission of the Unit and 50th IBC T readiness.</p>						
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers of Company B (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.</p>						
<p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p>						
<p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p>						
<p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum</p>						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85478 340132	8. PROJECT COST (\$000) Approp 15,000
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ADDITIONAL: (CONTINUED)
Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	DEC 2019
(b) Percent Complete as of January 2020.....	65
(c) Date 35% Designed.....	JAN 2020
(d) Date Design Complete.....	DEC 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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	840
(b) All Other Design Costs.....	476
(c) Total Design Cost.....	1,316
(d) Contract.....	1,316
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base McGuire-Dix-Lakehurst New Jersey	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85478 340132	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

- A. Estimated Design Data: (CONTINUED..)
- (5) Construction Start..... APR 2021
 - (6) Construction Completion..... APR 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	750
Kitchen Equipment (Type C)	OMNG	2022	50
ESS (171R)	OPA	2022	22
Info Sys - ISC	OPA	2022	80
Info Sys - PROP	OMNG	2022	293
		Total	1,196

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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Columbus Ohio	INSNO= 39356	4. AREA CONSTRUCTION COST INDEX .98					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 3-4 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Columbus (DSCC), OH	12.00 miles Training Center	11,444 m2 (123,177 SF)	2011			
ARNG	Columbus (DSCC), OH	12.00 miles USPFO Office	6,492 m2 (69,880 SF)	2011			
ARNG	Columbus (DSCC), OH	12.00 miles Maintenance Facility	13,684 m2 (147,296 SF)	2008			
ARNG	Columbus (Sullivant)	13.00 miles Readiness Center	2,618 m2 (28,177 SF)	1958			
ARNG	Tarlton, OH	19.00 miles Readiness Center	1,324 m2 (14,249 SF)	1968			
ARNG	Columbus (Beightler)	21.00 miles Readiness Center	13,914 m2 (149,765 SF)	1965			
7. PROJECTS REQUESTED IN THIS PROGRAM			COST	DESIGN STATUS			
CATEGORY			(\$000)	START	CPL		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
17180	NATIONAL GUARD READINESS CENTER	5,157 m2 (55,512 SF)	15,000	JAN 2019	OCT 2020		
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION				30 SEP 2019			
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				(Date)			
9. LAND ACQUISITION REQUIRED				0			
None				(Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY				COST			
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>SCOPE</u>	(\$000)			
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):			6,766				
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	34	10	24	0	106	35	71
ACTUAL	27	6	13	8	121	37	84
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>		<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	STRENGTH		
					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
73RD TRP TROOP CMD		W78ZAA	46761	NGW78ZAA	46	46	
HHD, 437TH MP BN		WP59AA	31913	19476KNG09	60	75	
					106	121	
					Assigned/Authorized: 114%		

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Columbus Ohio		4. AREA CONSTRUCTION COST INDEX .98
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	17	17
TRAILERS	18	18
TRACKED	0	0
EQUIPMENT > 30 FT	0	0
Fuel Truck	2	2
HET	0	0
TOTALS	37	37
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Columbus Ohio				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85495 390160		8. PROJECT COST (\$000) Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						12,315
17180 Readiness Center		m2 (SF)	5,157 (55,512)		2,312	(11,924)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Sustainability/Energy Measures		LS	--		--	(241)
SUPPORTING FACILITIES						1,486
Electric Service		LS	--		--	(28)
Water, Sewer, Gas		LS	--		--	(84)
Paving, Walks, Curbs And Gutters		LS	--		--	(581)
Storm Drainage		LS	--		--	(100)
Site Imp(493) Demo()		LS	--		--	(493)
Information Systems		LS	--		--	(32)
Antiterrorism Measures		LS	--		--	(135)
Other		LS	--		--	(33)
ESTIMATED CONTRACT COST						13,801
CONTINGENCY (5.00%)						690
SUBTOTAL						14,491
SUPV, INSP & OVERHEAD (3.51%)						509
TOTAL REQUEST						15,000
TOTAL FEDERAL REQUEST						15,000
TOTAL FEDERAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(1,532)
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. 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 kW/186 Tons).						
11. REQ: 5,157 m2		ADQT: NONE		SUBSTD: NONE		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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Columbus Ohio	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85495 390160	8. PROJECT COST (\$000) Approp 15,000
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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 inadequate 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 asbestos 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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Columbus Ohio			4. PROJECT TITLE NATIONAL GUARD READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85495 390160	8. PROJECT COST (\$000) Approp 15,000	
<u>CURRENT SITUATION: (CONTINUED)</u>				
<p>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.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u> 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.</p>				
<p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p>				
<p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p>				
<p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p>				
<p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>				
<p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>				

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Columbus Ohio			4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85495 390160		8. PROJECT COST (\$000) Approp 15,000

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.....	OCT 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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	829
(b) All Other Design Costs.....	470
(c) Total Design Cost.....	1,299
(d) Contract.....	1,299
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... APR 2021

(6) Construction Completion..... JUL 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	750
ESS (171R)	OPA	2022	54
Info Sys - ISC	OPA	2022	301
Info Sys - PROP	OMNG	2022	427
		Total	1,532

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Hermiston Oregon	INSNO= 41A82	4. AREA CONSTRUCTION COST INDEX 1.11					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 350 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Hermiston, OR	10.00 miles Readiness Center	2,232 m2	(24,026 SF)	1996		
ARNG	Pendleton, OR	35.00 miles Readiness Center	3,103 m2	(33,400 SF)	1993		
ARNG	Pendleton, OR	35.00 miles Aviation Facility	4,092 m2	(44,044 SF)	1996		
ARNG	The Dalles, OR	55.00 miles Readiness Center	4,270 m2	(45,967 SF)	2014		
ARNG	La Grande, OR	55.00 miles Readiness Center	4,492 m2	(48,352 SF)	1998		
ARNG	La Grande, OR	57.00 miles Maintenance Facility	1,193 m2	(12,841 SF)	1998		
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY			COST	DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>		
72114	ENLISTED BARRACKS, TRANSIENT TRAINING	2,242 m2 (24,137 SF)	9,300	SEP 2019	MAR 2021		
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				05 JUN 2019 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY			COST				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	77	18	57	2	90	20	70
ACTUAL	81	18	57	6	90	20	70
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>		<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	STRENGTH		
					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
OTC CAMP UMATILLA		W92HA2		NGW92HAA	18	18	
(CTR TRAINING CENTER O)		W92HAA		NGW92HAA	72	72	
					90	90	
Assigned/Authorized: 100%							

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Hermiston Oregon		4. AREA CONSTRUCTION COST INDEX 1.11
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	254	254
TRAILERS	211	211
TRACKED	0	0
EQUIPMENT > 30 FT	0	0
Fuel Truck	0	0
HET	0	0
TOTALS	465	465
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Hermiston Oregon				4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 72114	7. PROJECT NUMBER 90221 411508		8. PROJECT COST (\$000) Approp 9,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						7,731
72114 Billeting Facility		m2 (SF)	2,242 (24,137)		3,380	(7,579)
Sustainability/Energy Measures		LS	--		--	(152)
SUPPORTING FACILITIES						825
Electric Service		LS	--		--	(49)
Water, Sewer, Gas		LS	--		--	(180)
Paving, Walks, Curbs And Gutters		LS	--		--	(30)
Storm Drainage		LS	--		--	(20)
Site Imp(387) Demo()		LS	--		--	(387)
Information Systems		LS	--		--	(3)
Antiterrorism Measures		LS	--		--	(76)
Other		LS	--		--	(80)
ESTIMATED CONTRACT COST						8,556
CONTINGENCY (5.00%)						428
SUBTOTAL						8,984
SUPV, INSP & OVERHEAD (3.52%)						316
TOTAL REQUEST						9,300
TOTAL FEDERAL REQUEST						9,300
TOTAL FEDERAL REQUEST (ROUNDED)						9,300
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction A specifically designed Enlisted Barracks, Transient 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. 4154. 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 kW/191 Tons).						
11. REQ: 2,242 m2		ADQT: 2,168 m2		SUBSTD: NONE		
PROJECT: To construct a 24,137 SQFT 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 ORARNG. This facility will be built on Federal Land. (Current Mission)						
REQUIREMENT: This facility is designed to meet the requirement for a 24,137 SF that is						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Hermiston Oregon	4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 72114	7. PROJECT NUMBER 90221 411508	8. PROJECT COST (\$000) Approp 9,300
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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 occurrence 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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
41A82	7656	72114	00053	2016	F3	Q2	C4	Umatilla Barracks

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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Hermiston Oregon	4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 72114	7. PROJECT NUMBER 90221 411508	8. PROJECT COST (\$000) Approp 9,300
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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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Hermiston Oregon	4. PROJECT TITLE ENLISTED BARRACKS, TRANSIENT TRAINING
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 72114	7. PROJECT NUMBER 90221 411508	8. PROJECT COST (\$000) Approp 9,300
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	513
(b) All Other Design Costs.....	291
(c) Total Design Cost.....	804
(d) Contract.....	804
(e) In-house.....	0
(4) Construction Contract Award.....	MAY 2021
(5) Construction Start.....	JUL 2021
(6) Construction Completion.....	JUL 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	382
Info Sys - ISC	OPA	2022	39
Info Sys - PROP	OMNG	2022	6
		Total	428

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina		4. AREA CONSTRUCTION COST INDEX .89					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Andrews, SC	46.00 miles Readiness Center					
ARNG	Beaufort, SC	50.00 miles Readiness Center					
ARNG	Moncks Corner, SC	20.00 miles Readiness Center					
ARNG	Mount Pleasant, SC	10.00 miles Readiness Center					
ARNG	North Charleston, SC	5.00 miles Readiness Center					
ARNG	Walterboro, SC	35.00 miles Readiness Center					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
		<u>DESIGN STATUS</u>					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>					
17180	NATIONAL GUARD READINESS CENTER	5,568 m2 (59,933 SF)					
		15,000					
		AUG 2019					
		DEC 2020					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		<u>07 AUG 2019</u> (Date)					
9. LAND ACQUISITION REQUIRED							
None		<u>0</u> (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		5,000					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 14 JUN 2019							
	<u>PERMANENT</u>		<u>GUARD/RESERVE</u>				
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	8	0	8	0	232	13	219
ACTUAL	8	0	8	0	232	13	219
12. RESERVE UNIT DATA							
				<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>		<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
(CO VERTICAL CONSTRUCT)		WY19AA	30545	05420KNG81	158	158	
BN BDE SPT BN W/FSC (WVCTJO		63035KNG57	74	74	
					232	232	
Assigned/Authorized: 100%							

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina		4. AREA CONSTRUCTION INSNO= 45A77 COST INDEX .89
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	78	78
TRAILERS	128	128
TRACKED	5	5
EQUIPMENT > 30 FT	21	21
Fuel Truck	1	1
HET	0	0
TOTALS	233	233
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85519 450109		8. PROJECT COST (\$000) Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						12,510
17180 Readiness Center		m2 (SF)	4,552 (48,999)		2,095	(9,535)
21411 Detached General Purpose Trainin		m2 (SF)	438.97 (4,725)		1,937	(851)
44224 Unheated Storage Building		m2 (SF)	525.74 (5,659)		1,098	(577)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		1,122	(34)
44240 Flammable Materials Facility		m2 (SF)	20.44 (220)		1,168	(24)
Total from Continuation page(s)						(1,489)
SUPPORTING FACILITIES						2,463
Electric Service		LS	--		--	(130)
Water, Sewer, Gas		LS	--		--	(224)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,132)
Storm Drainage		LS	--		--	(163)
Site Imp(375) Demo()		LS	--		--	(375)
Information Systems		LS	--		--	(41)
Antiterrorism Measures		LS	--		--	(220)
Other		LS	--		--	(178)
ESTIMATED CONTRACT COST						14,973
CONTINGENCY (5.00%)						749
SUBTOTAL						15,722
SUPV, INSP & OVERHEAD (3.48%)						547
TOTAL REQUEST						16,269
State Share						1,269
TOTAL FEDERAL REQUEST						15,000
TOTAL FEDERAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(1,525)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), General Purpose Training Bay, Unheated Storage Building, Controlled Waste Facility and Flammable Materials Facility. Comprehensive interior design services are requested. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 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 Dec 2017. Access for individuals with disabilities will be 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 for 1 SQFT disposal policy through the disposal of 61,500 SQFT. Disposal of 1 building at Summerville Leased Facility, SC (Total 5,714 m2/61,500 SF). Air Conditioning (Estimated 577 kW _r /164 Tons).						
11. REQ: 5,568 m2		ADQT: NONE		SUBSTD: NONE		NONE

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85519 450109	8. PROJECT COST (\$000) Approp 15,000
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
81160 Backup/Emergency Generator	EA	1 --	175,000	(175)
85210 Rigid Pavement for MEP	m2 (SY)	8,591 (10,275)	101.66	(873)
88042 Enhanced AT/FP 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 WVCTJ0 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.

CURRENT SITUATION: This project is critical to the state of South Carolina due to the 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85519 450109	8. PROJECT COST (\$000) Approp 15,000
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CURRENT SITUATION: (CONTINUED)

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
45D83		17180		2015	F4	Q4	C4	No Facility

There are no code violations identified.

There is no need for any waivers for this project.

The North Charleston and Walterboro 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:

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 WVCJT0 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85519 450109	8. PROJECT COST (\$000) Approp 15,000
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IMPACT IF NOT PROVIDED: (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.

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.

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85519 450109	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	AUG 2019
(b) Percent Complete as of January 2020.....	35
(c) Date 35% Designed.....	JAN 2020
(d) Date Design Complete.....	DEC 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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	899
(b) All Other Design Costs.....	509
(c) Total Design Cost.....	1,408
(d) Contract.....	1,408
(e) In-house.....	0

(4) Construction Contract Award..... MAY 2021

(5) Construction Start..... JUL 2021

(6) Construction Completion..... MAY 2023

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Joint Base Charleston South Carolina	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85519 450109	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
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

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION McMinnville Tennessee		4. AREA CONSTRUCTION COST INDEX .92					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Sparta, TN	29.00 miles Readiness Center					
		1,737 m2 (18,692 SF) 1987					
ARNG	Tullahoma, TN	35.00 miles Readiness Center					
		4,461 m2 (48,020 SF) 2011					
ARNG	Dunlap, TN	36.00 miles Readiness Center					
		1,595 m2 (17,172 SF) 1994					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		(\$000)					
		START					
		Cmpl					
17180	NATIONAL GUARD READINESS CENTER	3,792 m2 (40,817 SF) 11,200					
		JAN 2019 SEP 2020					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		12 MAR 2019 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		(\$000)					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 8,500							
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
PERMANENT				GUARD/RESERVE			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	5	0	5	0	148	5	143
ACTUAL	3	0	2	1	148	5	143
12. RESERVE UNIT DATA							
				STRENGTH			
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
TRP B (BN COMBINED ARMS BN ()	WX4UB0	22078	07315KNG71	135	135		
DET 6 TRP I SPT SQDN 278 ACR	WTQ0J6	22078	63025KNG85	13	13		
				148	148		
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED				5	5		
TRAILERS				9	9		
TRACKED				16	16		
EQUIPMENT > 30 FT				1	1		
Fuel Truck				0	0		
HET				0	0		
TOTALS				31	31		

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION McMinnville Tennessee		4. AREA CONSTRUCTION INSNO= 47C31 COST INDEX .92						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION McMinnville Tennessee				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85525 470030		8. PROJECT COST (\$000) Approp 11,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		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)
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; 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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION McMinnville Tennessee				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85525 470030		8. PROJECT COST (\$000) Approp 11,200	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)						
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
85210 Rigid Pavement for MEP		m2 (SY)	1,651 (1,975)		110.03	(182)
88042 Enhanced AT/FP		LS	--		--	(160)
Sustainability/Energy Measures		LS	--		--	(168)
					Total	660
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
(Estimated 471 kW/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: WX4UB0, 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION McMinnville Tennessee	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85525 470030	8. PROJECT COST (\$000) Approp 11,200
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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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
47C30	6134	17180	00001	2018	F4	Q4	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 ATRP 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION McMinnville Tennessee	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85525 470030	8. PROJECT COST (\$000) Approp 11,200
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IMPACT IF NOT PROVIDED: (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.

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

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

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

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Design Start Date..... 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION McMinnville Tennessee	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85525 470030	8. PROJECT COST (\$000) Approp 11,200
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	622
(b) All Other Design Costs.....	352
(c) Total Design Cost.....	974
(d) Contract.....	974
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... MAY 2021

(6) Construction Completion..... JUL 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	560
Kitchen Equipment (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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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Fort Worth Texas		4. AREA CONSTRUCTION COST INDEX 1.06					
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	FORT WORTH - SHOREVI	0.00 miles Readiness Center	1,740 m2	(18,726 SF)	1955		
ARNG	SAGINAW, TX	10.00 miles Maintenance Facility	4,256 m2	(45,810 SF)	1992		
ARNG	FORT WORTH - COBB PA	15.00 miles Readiness Center	3,210 m2	(34,549 SF)	1958		
ARNG	FORT WORTH - SANDAGE	15.00 miles Readiness Center	2,506 m2	(26,978 SF)	1956		
ARNG	ARLINGTON, TX	24.00 miles Readiness Center	1,057 m2	(11,380 SF)	1955		
ARNG	WEATHERFORD, TX	28.00 miles Readiness Center	1,426 m2	(15,348 SF)	1958		
7. PROJECTS REQUESTED IN THIS PROGRAM							
<u>CATEGORY</u>	<u>PROJECT TITLE</u>		<u>COST</u>	<u>DESIGN STATUS</u>			
<u>CODE</u>		<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>		
21407	NATIONAL GUARD VEHICLE			JAN 2019	OCT 2020		
	MAINTENANCE SHOP	2,595 m2 (27,933 SF)	7,800				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				09 MAY 2019 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>				
NONE							
	DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	7,500					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 19 JUL 2018							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	32	0	0	32	0	0	0
ACTUAL	19	0	0	19	0	0	0
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
EQ ONLY FMS 15 (EQP TX ARNG FLD MAI	W8T215		NGW8T2AA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				0	0		
				0	0		
Assigned/Authorized:							0%

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020																								
3. INSTALLATION AND LOCATION Fort Worth Texas		4. AREA CONSTRUCTION COST INDEX 1.06																								
13. MAJOR EQUIPMENT AND AIRCRAFT																										
<table> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>240</td> <td>12</td> </tr> <tr> <td>TRAILERS</td> <td>433</td> <td>6</td> </tr> <tr> <td>TRACKED</td> <td>5</td> <td>0</td> </tr> <tr> <td>EQUIPMENT > 30 FT</td> <td>66</td> <td>0</td> </tr> <tr> <td>Fuel Truck</td> <td>9</td> <td>0</td> </tr> <tr> <td>HET</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTALS</td> <td>753</td> <td>18</td> </tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	240	12	TRAILERS	433	6	TRACKED	5	0	EQUIPMENT > 30 FT	66	0	Fuel Truck	9	0	HET	0	0	TOTALS	753	18		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																								
WHEELED	240	12																								
TRAILERS	433	6																								
TRACKED	5	0																								
EQUIPMENT > 30 FT	66	0																								
Fuel Truck	9	0																								
HET	0	0																								
TOTALS	753	18																								
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																										
	(\$000)																									
A. AIR POLLUTION	0																									
B. WATER POLLUTION	0																									
C. OCCUPATIONAL SAFETY AND HEALTH	0																									

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Fort Worth Texas				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 86691 481315		8. PROJECT COST (\$000) Approp 7,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						6,234
21407 Maintenance Shop		m2 (SF)	2,303 (24,787)		2,487	(5,726)
21470 Bulk POL Storage		m2 (SF)	35.77 (385)		1,184	(42)
44240 Flammable Materials Facility		m2 (SF)	61.32 (660)		1,184	(73)
44228 Controlled Waste Facility		m2 (SF)	30.66 (330)		1,130	(35)
44224 Enclosed Unheated Storage		m2 (SF)	164.53 (1,771)		1,130	(186)
Total from Continuation page(s)						(172)
SUPPORTING FACILITIES						944
Electric Service		LS	--		--	(45)
Water, Sewer, Gas		LS	--		--	(140)
Paving, Walks, Curbs And Gutters		LS	--		--	(452)
Storm Drainage		LS	--		--	(106)
Site Imp(62) Demo()		LS	--		--	(62)
Information Systems		LS	--		--	(12)
Antiterrorism Measures		LS	--		--	(67)
Other		LS	--		--	(60)
ESTIMATED CONTRACT COST						7,178
CONTINGENCY (5.00%)						359
SUBTOTAL						7,537
SUPV, INSP & OVERHEAD (3.49%)						263
TOTAL REQUEST						7,800
TOTAL FEDERAL REQUEST						7,800
TOTAL FEDERAL REQUEST (ROUNDED)						7,800
INSTALLED EQT-OTHER APPROP						(1,330)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Facility of permanent construction. The National Guard Vehicle Maintenance Facility includes the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Bulk POL Storage, Controlled Waste Facility, Enclosed Unheated Storage, and Flammable Materials Facility. Comprehensive interior design will be included on this project. 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 DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy updated 2017. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 37,565 SQFT. Disposal of 1 building at Fort Wolters, TX (Total 538 m2/5,788 SF), and 2 buildings at Shoreview Readiness Center, TX (Total 2,952 m2/31,777 SF). Air Conditioning (Estimated 77 kW/22 Tons).						
11. REQ:		2,595 m2	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Worth Texas	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 86691 481315	8. PROJECT COST (\$000) Approp 7,800
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)				
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
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1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA				2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Fort Worth Texas				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP			
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407		7. PROJECT NUMBER 86691 481315		8. PROJECT COST (\$000) Approp 7,800	
CURRENT SITUATION: (CONTINUED)							
Code	UID	Code	Year	Rating	Rating	Rating	Name
48C95	5064	21407	00001	2016	F3	Q4	C4 NG VEHICLE MAINTENANCE FACILITY
<p><u>IMPACT IF NOT PROVIDED:</u> 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 back-logged 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.</p> <p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p> <p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p> <p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p> <p><u>JOINT USE CERTIFICATION:</u> 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.</p>							

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Worth Texas	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 86691 481315	8. PROJECT COST (\$000) Approp 7,800
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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.....	OCT 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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	432
(b) All Other Design Costs.....	245
(c) Total Design Cost.....	677
(d) Contract.....	677
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... APR 2021

(6) Construction Completion..... APR 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	390
ESS (214L)	OPA	2022	678
Info Sys - ISC	OPA	2022	56
Info Sys - PROP	OMNG	2022	206
		Total	1,330

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Fort Worth Texas		4. AREA CONSTRUCTION COST INDEX 1.06					
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Fort Worth - Shorevi	1.00 miles Readiness Center	4,756 m2	(51,188 SF)	1954		
ARNG	Fort Worth - Shorevi	1.00 miles Maintenance Facility	1,723 m2	(18,551 SF)	1949		
ARNG	Fort Worth AFRC, TX	5.00 miles USAR Center	0 m2	(1 SF)	2018		
ARNG	Saginaw, TX	7.00 miles Maintenance Facility	5,524 m2	(59,457 SF)	1992		
ARNG	Fort Worth - Sandage	8.00 miles Readiness Center	2,506 m2	(26,978 SF)	1956		
ARNG	Fort Worth - Cobb Pa	9.00 miles Readiness Center	3,303 m2	(35,549 SF)	1958		
7. PROJECTS REQUESTED IN THIS PROGRAM							
<u>CATEGORY</u>	<u>PROJECT TITLE</u>		<u>COST</u>	<u>DESIGN STATUS</u>			
<u>CODE</u>	<u>AIRCRAFT MAINTENANCE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>		
21110	HANGAR ADD/ALT	2,800 m2 (30,140 SF)	6,000	MAY 2019	SEP 2020		
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				09 MAY 2019 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>				
<u>CODE</u>	<u>NATIONAL GUARD VEHICLE MAINTENANCE SHOP</u>	<u>(27,933 SF)</u>	<u>(\$000)</u>				
21407		2,595 m2 (27,933 SF)	7,800				
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		4,515					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 15 AUG 2018							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	22	7	1	14	0	0	0
ACTUAL	22	7	1	14	0	0	0
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
<u>TXARNG AASF#3 (AVN EQP SPT)</u>	<u>W8R8AA</u>		<u>NGW8R8AA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				0	0		
				0	0		
				Assigned/Authorized: 0%			

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Fort Worth Texas		4. AREA CONSTRUCTION COST INDEX 1.06
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
<u>TYPE</u>		
WHEELED	4	4
TRAILERS	4	4
TRACKED	0	0
EQUIPMENT > 30 FT	0	0
Fuel Truck	0	0
HET	0	0
C-12D/F/R	0	0
C-12J	0	0
C-23	0	0
C-26	0	0
UC-35	0	0
OH-58	0	0
OH-58D	0	0
UH-1	0	0
AH-64	0	0
UH-60	0	0
UH-72A	0	0
CH-47	0	6
TOTALS	8	14
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Fort Worth Texas				4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR Addition/Alteration		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21110	7. PROJECT NUMBER 94299 481911		8. PROJECT COST (\$000) Approp 6,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						5,147
14110 Aviation Opns Sprt Building Add		m2 (SF)	722.04 (7,772)		2,993	(2,161)
21110 Aviation Hangar O&M Addition		m2 (SF)	268.95 (2,895)		4,198	(1,129)
21110 Aviation Hangar O&M Alteration		m2 (SF)	1,707 (18,369)		764.24	(1,304)
14110 Aviation Ground Sprt Bldg Additi		m2 (SF)	102.56 (1,104)		2,993	(307)
81160 Backup/Emergency Generator		EA	1 --		145,000	(145)
Sustainability/Energy Measures		LS	--		--	(101)
SUPPORTING FACILITIES						166
Site Imp(154) Demo()		LS	--		--	(154)
Information Systems		LS	--		--	(10)
Antiterrorism Measures		LS	--		--	(2)
ESTIMATED CONTRACT COST						5,313
CONTINGENCY (5.00%)						266
SUBTOTAL						5,579
SUPV, INSP & OVERHEAD (3.55%)						198
DESIGN/BUILD-DESIGN COST (4.00%)						223
TOTAL REQUEST						6,000
TOTAL FEDERAL REQUEST						6,000
TOTAL FEDERAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						(1,602)
10. Description of Proposed Construction A specially designed Aircraft Maintenance Hangar of permanent construction. The Aircraft Maintenance Hangar is an Addition/Alteration which includes the following items that are integral to the facility; Aviation Operations Support Building Addition, Aviation Ground Support Building Addition, Aviation Hangar Addition/Alteration, 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 42 U.S. Code 4154. Construction will include all utility services, information systems, fire detection and alarm systems. 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 48,657 SQFT. Disposal of 1 building at Grand Prairie (DNAS) Readiness Center, TX (Total 4,520 m2/48,657 SF). Air Conditioning (Estimated 401 kW/114 Tons).						
11. REQ: 2,800 m2		ADQT: 546 m2		SUBSTD: 1,707 m2		
PROJECT: To construct 11,771 SQFT and alter 18,369 SQFT Aircraft Maintenance Hangar						

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA		2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Fort Worth Texas			4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR Addition/Alteration		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21110	7. PROJECT NUMBER 94299 481911		8. PROJECT COST (\$000) Approp 6,000
<p><u>PROJECT: (CONTINUED)</u> 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)</p> <p><u>REQUIREMENT:</u> 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.</p> <p>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 tie-downs, and installing static grounding points in accordance with UFC 3-260-1.</p> <p><u>CURRENT SITUATION:</u> 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.</p> <p>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.</p> <p>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.</p> <p>The State of TX has conducted a preliminary design on this project and is currently at 10 % Design.</p> <p>The site for this project is not in the possession of the state of TX.</p> <p>Currently, the state of TX has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1976.</p>					

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Worth Texas	4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR Addition/Alteration
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 94299 481911	8. PROJECT COST (\$000) Approp 6,000
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CURRENT SITUATION: (CONTINUED)

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
48C20	5253	21110	00001	2018	F3	Q2	C4	AIRCRAFT MAINT HGR

IMPACT IF NOT PROVIDED: If this project is not provided the TXARNG will continue to operate AASF #3 in a leased location that does not meet Anti-Terrorism/Force Protection requirements for the stationed units. A facility owned by the City of Dallas, previously occupied by the Singaporean Army, will soon be leased to a private entity. This facility is accessed through our location, requiring uncontrolled access.

The existing facility is leased from the City of Dallas at a rate of \$480/year.
ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

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

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

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....

MAY 2019

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Worth Texas	4. PROJECT TITLE AIRCRAFT MAINTENANCE HANGAR Addition/Alteration
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 94299 481911	8. PROJECT COST (\$000) Approp 6,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Percent Complete as of January 2020.....	65
(c) Date 35% Designed.....	<u>SEP 2019</u>
(d) Date Design Complete.....	<u>SEP 2020</u>
(e) Parametric Cost Estimating Used to Develop Costs..	<u>NO</u>
(f) Type of Design Contract: Design-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	<u>180</u>
(c) Total Design Cost.....	<u>180</u>
(d) Contract.....	<u>180</u>
(e) In-house.....	<u>0</u>

(4) Construction Contract Award..... MAR 2021

(5) Construction Start..... MAY 2021

(6) Construction Completion..... MAR 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	300
ESS (211A)	OPA	2022	884
Info Sys - ISC	OPA	2022	91
Info Sys - PROP	OMNG	2022	327
		Total	<u>1,602</u>

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Nephi Utah	INSNO= 49A86	4. AREA CONSTRUCTION COST INDEX 1.14					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	MT PLEASANT, UT	33.00 miles Readiness Center 1,605 m2 (17,273 SF) 1982					
ARNG	SPANISH FORK, UT	33.00 miles Readiness Center 4,207 m2 (45,280 SF) 1993					
ARNG	SPRINGVILLE, UT	38.00 miles Readiness Center 1,722 m2 (18,537 SF) 1956					
ARNG	AM FORK, UT	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 PROGRAM							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>DESIGN STATUS</u>					
<u>SCOPE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>					
17180	National Guard Readiness Center	5,075 m2 (54,628 SF) 12,000 JAN 2019 AUG 2020					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		11 SEP 2018 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
<u>SCOPE</u>	<u>SCOPE</u>	<u>(\$000)</u>					
NEPHI FMS	0 m2	(0 SF) 0					
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		12,000					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	22	5	17	0	177	37	140
ACTUAL	22	8	14	0	173	35	138
12. RESERVE UNIT DATA							
				STRENGTH			
<u>UNIT DESIGNATION</u>		<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
CO A (HQ ENG BN)		WP18A0	20501	05435KNG51	77	77	
HHC (HQ ENG BN)		WP18T0	20501	05435KNG51	82	78	
(DET ENGR FACILITY DET)		WY1RAA	30528	05613KNG01	15	15	
RECRUITERS (BN UTAH REC & RET)		W91TA9		NGW91TAA	3	3	
					177	173	
Assigned/Authorized: 98%							

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION Nephi Utah		4. AREA CONSTRUCTION COST INDEX 1.14
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	41	44
TRAILERS	79	79
TRACKED	4	4
EQUIPMENT > 30 FT	8	8
Fuel Truck	6	6
HET	0	0
TOTALS	138	141
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Nephi Utah				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85532 491201		8. PROJECT COST (\$000) Approp 12,000	
9. COST ESTIMATES						
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)
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, 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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Nephi Utah				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85532 491201		8. PROJECT COST (\$000) Approp 12,000	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
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 kW _r /171 Tons).						
11. <u>REQ:</u> 5,075 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> NONE <u>PROJECT:</u> 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) <u>REQUIREMENT:</u> 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. <u>CURRENT SITUATION:</u> 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Nephi Utah	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85532 491201	8. PROJECT COST (\$000) Approp 12,000
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CURRENT SITUATION: (CONTINUED)

In Fillmore, new foundation and seismic improvements would cost approximately \$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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
49A40	4941	17180	0001	2017	F4	Q3	C3	Fillmore Armory
49B35	7359	17180	0001	2017	F4	Q3	C3	Springville
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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Nephi Utah	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85532 491201	8. PROJECT COST (\$000) Approp 12,000
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ADDITIONAL: (CONTINUED)

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

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2019
(b) Percent Complete as of January 2020.....	<u>65</u>
(c) Date 35% Designed.....	NOV 2019
(d) Date Design Complete.....	<u>AUG 2020</u>
(e) Parametric Cost Estimating Used to Develop Costs..	<u>NO</u>
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

	(\$000)
(a) Production of Plans and Specifications.....	969
(b) All Other Design Costs.....	<u>549</u>
(c) Total Design Cost.....	<u>1,518</u>
(d) Contract.....	<u>1,518</u>
(e) In-house.....	<u>0</u>

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Nephi Utah		4. PROJECT TITLE National Guard Readiness Center	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85532 491201	
		8. PROJECT COST (\$000) Approp 12,000	
12. SUPPLEMENTAL DATA (CONTINUED..)			
A. Estimated Design Data: (CONTINUED..)			
(4) Construction Contract Award.....		JAN 2021	
(5) Construction Start.....		MAR 2021	
(6) Construction Completion.....		JUL 2023	
B. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	600
Kitchen Equipment (Type C)	OMNG	2022	50
ESS (171R)	OPA	2022	54
Info Sys - ISC	OPA	2022	252
Info Sys - PROP	OMNG	2022	468
		Total	1,425

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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020					
3. INSTALLATION AND LOCATION Appleton Wisconsin	INSNO= 55A15	4. AREA CONSTRUCTION COST INDEX 1.08					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Oshkosh, WI	18.00 miles Readiness Center 2,083 m2 (22,424 SF) 1962					
ARNG	Green Bay, WI	28.00 miles Readiness Center 1,997 m2 (21,495 SF) 1963					
ARNG	Waupaca, WI	30.00 miles Readiness Center 1,234 m2 (13,287 SF) 1989					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY CODE	PROJECT TITLE	COST (\$000) DESIGN STATUS START Cmpl					
17180	NATIONAL GUARD READINESS CENTER ADD/ALT	4,932 m2 (53,085 SF) 11,600 JAN 2019 JUN 2020					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		24 APR 2019 (Date)					
9. LAND ACQUISITION REQUIRED							
None		0 (Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY CODE	PROJECT TITLE	SCOPE COST (\$000)					
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 11,600							
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT		GUARD/RESERVE				
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZED	21	3	18	0	175	21	154
ACTUAL	16	3	11	2	148	16	132
12. RESERVE UNIT DATA							
UNIT DESIGNATION	UIC	TPSN	MTOE/TDA	STRENGTH			
HHC (BN INF BN (IBCT))	WPLCT0	13032	07215KNG02	AUTHORIZED	ACTUAL		
TM6 RRNCO (BN WISCONSIN REC & RE)	W91L01		NGW91LAA	3	0		
				172	148		
				Assigned/Authorized: 86%			
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED	ACTUAL					
WHEELED	46	46					
TRAILERS	41	41					
TRACKED	0	0					
EQUIPMENT > 30 FT	0	0					
Fuel Truck	0	0					
HET	0	0					
TOTALS	87	87					

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION Appleton Wisconsin		4. AREA CONSTRUCTION COST INDEX 1.08						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding-left: 40px;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Appleton Wisconsin				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85553 550148		8. PROJECT COST (\$000) Approp 11,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						13,476
17180 Readiness Center Addition		m2 (SF)	2,323 (25,006)		3,229	(7,502)
17180 Readiness Center Alteration		m2 (SF)	2,609 (28,079)		2,131	(5,560)
81160 Backup/Emergency Generator		EA	1 --		150,000	(150)
Sustainability/Energy Measures		LS	--		--	(264)
SUPPORTING FACILITIES						1,882
Electric Service		LS	--		--	(67)
Water, Sewer, Gas		LS	--		--	(330)
Paving, Walks, Curbs And Gutters		LS	--		--	(860)
Storm Drainage		LS	--		--	(134)
Site Imp(270) Demo(26)		LS	--		--	(296)
Information Systems		LS	--		--	(47)
Antiterrorism Measures		LS	--		--	(148)
ESTIMATED CONTRACT COST						15,358
CONTINGENCY (5.00%)						768
SUBTOTAL						16,126
SUPV, INSP & OVERHEAD (3.50%)						564
TOTAL REQUEST						16,690
State Share						4,173
Other Non-DoD Component Share						917
TOTAL FEDERAL REQUEST						11,600
TOTAL FEDERAL REQUEST (ROUNDED)						11,600
INSTALLED EQT-OTHER APPROP						(1,281)
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. 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, storm drainage, parking areas, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy updated 2017. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 25,732 SQFT. Disposal of 1 building at Appleton Readiness Center, WI (Total 157 m2/1,694 SF), and 4 buildings at Camp Williams, WI (Total 2,233 m2/24,038 SF). Air Conditioning (Estimated 623 kW/177 Tons).						
11. REQ:		4,932 m2	ADQT:	NONE	SUBSTD:	2,609 m2
PROJECT: To construct a 53,085 SQFT National Guard Readiness Center that supports						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Appleton Wisconsin	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85553 550148	8. PROJECT COST (\$000) Approp 11,600
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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: WPLCT0) 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.

Site Site Cat FACNO ISR-I F Q C Local

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA				2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Appleton Wisconsin				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT			
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180		7. PROJECT NUMBER 85553 550148		8. PROJECT COST (\$000) Approp 11,600	
CURRENT SITUATION: (CONTINUED)							
Code	UID	Code	Year	Rating	Rating	Rating	Name
55A15	3824	17180	00ARM	2018	F4	Q3	C4 Appleton
<p>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.</p> <p>This project will not require any waivers.</p> <p>The Appleton Readiness Center is not in compliance with NG Pam 415-12 criteria and ATFP standards.</p> <p>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.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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.</p> <p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p> <p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p>							

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Appleton Wisconsin	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85553 550148	8. PROJECT COST (\$000) Approp 11,600
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ADDITIONAL: (CONTINUED)

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

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2019
(b) Percent Complete as of January 2020.....	65
(c) Date 35% Designed.....	JUN 2019
(d) Date Design Complete.....	JUN 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 documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	921
(b) All Other Design Costs.....	522
(c) Total Design Cost.....	1,443
(d) Contract.....	1,443
(e) In-house.....	0

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Appleton Wisconsin	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER ADD/ALT
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85553 550148	8. PROJECT COST (\$000) Approp 11,600
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(4) Construction Contract Award.....	FEB 2021
(5) Construction Start.....	JUL 2021
(6) Construction Completion.....	JAN 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2022	580
Kitchen Equipment (Type C)	OMNG	2022	50
ESS (171R)	OPA	2022	22
Info Sys - ISC	OPA	2022	309
Info Sys - PROP	OMNG	2022	320
		Total	1,281

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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEBRUARY 2020			
3. INSTALLATION AND LOCATION Fort Allen Puerto Rico			INSNO= RQ177	4. AREA CONSTRUCTION COST INDEX 1.19			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Ponce, PR	15.00 miles	Readiness Center	1,618 m2 (17,419 SF) 1961			
ARNG	Coamo, PR	30.00 miles	Readiness Center	1,956 m2 (21,059 SF) 1978			
ARNG	Salinas, PR	25.00 miles	Readiness Center	379 m2 (4,080 SF) 1953			
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST		DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>C MPL</u>			
17180	NATIONAL GUARD READINESS CENTER	8,204 m2 (88,309 SF)	37,000	OCT 2016 JUL 2021			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				24 AUG 2017 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0							
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	99	19	80	0	856	131	725
ACTUAL	49	9	40	0	775	82	693
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(CO QM WATER WTR PURIF)	WPGAA	31002	10460KNG05	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
(HHC , REG SPT GRP)	WY09AA	36305	51632KNG18	127	126		
(HHD HHC, CMBT SUSTAIN)	WTT4AA	36303	63426KNG17	84	61		
(CO QM WATER WTR PURIF)	WPB1AA	31002	10460KNG09	69	57		
(HHD HHC, CMBT SUSTAIN)	WY0BAA	36303	63426KNG37	127	129		
(HHC MP BRIGADE)	WPEWAA		19402KNG07	69	60		
(CO CBRN CO (AS) (RECA)	WY78AA	30398	03413KNG03	100	92		
(CO MEDICAL COMPANY, A)	WPZLAA	30858	08457KNG34	148	138		
(DET ENG UTILITIES DET)	WPFLLA		05413KNG07	78	64		
				54	48		
				856	775		
Assigned/Authorized: 91%							

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020																								
3. INSTALLATION AND LOCATION Fort Allen Puerto Rico		4. AREA CONSTRUCTION COST INDEX 1.19																								
13. MAJOR EQUIPMENT AND AIRCRAFT																										
<table border="0"> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>252</td> <td>252</td> </tr> <tr> <td>TRAILERS</td> <td>367</td> <td>367</td> </tr> <tr> <td>TRACKED</td> <td>0</td> <td>0</td> </tr> <tr> <td>EQUIPMENT > 30 FT</td> <td>73</td> <td>73</td> </tr> <tr> <td>Fuel Truck</td> <td>15</td> <td>15</td> </tr> <tr> <td>HET</td> <td><u>0</u></td> <td><u>0</u></td> </tr> <tr> <td>TOTALS</td> <td>707</td> <td>707</td> </tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	252	252	TRAILERS	367	367	TRACKED	0	0	EQUIPMENT > 30 FT	73	73	Fuel Truck	15	15	HET	<u>0</u>	<u>0</u>	TOTALS	707	707		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																								
WHEELED	252	252																								
TRAILERS	367	367																								
TRACKED	0	0																								
EQUIPMENT > 30 FT	73	73																								
Fuel Truck	15	15																								
HET	<u>0</u>	<u>0</u>																								
TOTALS	707	707																								
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																										
	(\$000)																									
A. AIR POLLUTION	0																									
B. WATER POLLUTION	0																									
C. OCCUPATIONAL SAFETY AND HEALTH	0																									

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Fort Allen Puerto Rico				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 94115 430062		8. PROJECT COST (\$000) Approp 37,000	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						29,179
17180	Readiness Center	m2 (SF)	7,085 (76,258)		3,638	(25,775)
44224	Unheated Storage Building	m2 (SF)	1,120 (12,051)		2,373	(2,657)
81160	Backup/Emergency Generator	EA	1 --		175,000	(175)
	Sustainability/Energy Measures	LS	--		--	(572)
SUPPORTING FACILITIES						3,597
Electric Service		LS	--		--	(110)
Water, Sewer, Gas		LS	--		--	(250)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,795)
Storm Drainage		LS	--		--	(150)
Site Imp(875) Demo()		LS	--		--	(875)
Information Systems		LS	--		--	(195)
Antiterrorism Measures		LS	--		--	(87)
Other		LS	--		--	(135)
ESTIMATED CONTRACT COST						32,776
CONTINGENCY (5.00%)						1,639
SUBTOTAL						34,415
SUPV, INSP & OVERHEAD (3.51%)						1,208
DESIGN/BUILD-DESIGN COST (4.00%)						1,377
TOTAL REQUEST						37,000
TOTAL FEDERAL REQUEST						37,000
TOTAL FEDERAL REQUEST (ROUNDED)						37,000
INSTALLED EQT-OTHER APPROP						(7,452)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility: Backup/Emergency Generator, Detached General Purpose Training Bay and Unheated Storage Building. 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. Special work involved will include building facilities to withstand category five hurricane in order to minimize future damage. 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, an exception to criteria will be submitted. Air Conditioning (Estimated 897 kW/255 Tons).						
11. REQ:	8,204 m2	ADQT:	NONE	SUBSTD:	NONE	
PROJECT:	To construct a National Guard Readiness Center of 88,309 SF that supports					

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Allen Puerto Rico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 94115 430062	8. PROJECT COST (\$000) Approp 37,000
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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 Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Allen Puerto Rico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 94115 430062	8. PROJECT COST (\$000) Approp 37,000
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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 ATRFP 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.
ADDITIONAL: Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.
PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and no physical security measures are required.
ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism 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.

12. 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

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

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Fort Allen Puerto Rico	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 94115 430062	8. PROJECT COST (\$000) Approp 37,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	1,114
(c) Total Design Cost.....	1,114
(d) Contract.....	1,114
(e) In-house.....	0
(4) Construction Contract Award.....	SEP 2021
(5) Construction Start.....	DEC 2021
(6) Construction Completion.....	OCT 2023

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	2023	5,154
Kitchen Equipment (Type C)	OMNG	2023	50
ESS (171R)	OPA	2023	54
Info Sys - ISC	OPA	2023	1,053
Info Sys - PROP	OMNG	2023	1,141
		Total	7,452

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020																															
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)	INSNO= VQ859	4. AREA CONSTRUCTION COST INDEX 1.49																															
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units.																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS 0.00 miles 0 (0) 0																																	
7. PROJECTS REQUESTED IN THIS PROGRAM																																	
<table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align:left;">CATEGORY</th> <th style="text-align:left;"><u>PROJECT TITLE</u></th> <th style="text-align:right;">COST</th> <th style="text-align:left;"><u>DESIGN STATUS</u></th> </tr> <tr> <th style="text-align:left;"><u>CODE</u></th> <th style="text-align:left;"><u>ARMY AVIATION SUPPORT</u></th> <th style="text-align:right;"><u>(\$000)</u></th> <th style="text-align:left;"><u>START</u> <u>C MPL</u></th> </tr> </thead> <tbody> <tr> <td>21110</td> <td>FACILITY (AASF) 2,813 m2 (30,274 SF)</td> <td style="text-align:right;">28,000</td> <td>OCT 2016 JUL 2021</td> </tr> </tbody> </table>	CATEGORY	<u>PROJECT TITLE</u>	COST	<u>DESIGN STATUS</u>	<u>CODE</u>	<u>ARMY AVIATION SUPPORT</u>	<u>(\$000)</u>	<u>START</u> <u>C MPL</u>	21110	FACILITY (AASF) 2,813 m2 (30,274 SF)	28,000	OCT 2016 JUL 2021																					
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8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.																																	
		03 JAN 2017 (Date)																															
9. LAND ACQUISITION REQUIRED None																																	
		0 (Number of acres)																															
10. PROJECTS PLANNED IN NEXT FOUR YEARS																																	
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	PERMANENT				GUARD/RESERVE																												
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1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020																																																											
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A. AIR POLLUTION	0																																																												
B. WATER POLLUTION	0																																																												
C. OCCUPATIONAL SAFETY AND HEALTH	0																																																												

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)				4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY (AASF)		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21110	7. PROJECT NUMBER 94113 520047		8. PROJECT COST (\$000) Approp 28,000	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						18,450
14110 Aviation Opns Sprt Building		m2 (SF)	1,401 (15,083)		6,141	(8,605)
21114 Aviation Hangar O&M		m2 (SF)	1,114 (11,990)		6,717	(7,482)
14110 Aviation Ground Sprt Bldg		m2 (SF)	297.38 (3,201)		5,920	(1,761)
81160 Backup/Emergency Generator		EA	1 --		200,000	(200)
85210 Rigid Pavement for MEP		m2 (SY)	292.64 (350)		137.54	(40)
Sustainability/Energy Measures		LS	--		--	(362)
SUPPORTING FACILITIES						6,372
Electric Service		LS	--		--	(125)
Water, Sewer, Gas		LS	--		--	(300)
Paving, Walks, Curbs And Gutters		LS	--		--	(4,292)
Storm Drainage		LS	--		--	(300)
Site Imp(369) Demo()		LS	--		--	(369)
Information Systems		LS	--		--	(105)
Antiterrorism Measures		LS	--		--	(502)
Other		LS	--		--	(379)
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)
10. Description of Proposed Construction A specially designed Army Aviation Support Facility (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 kW/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 ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)			4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY (AASF)		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 94113 520047	8. PROJECT COST (\$000) 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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ADDITIONAL: (CONTINUED)
These requirements are included in the description of construction and cost estimate.

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

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Design Start Date..... 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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 0
 - (b) All Other Design Costs..... 844
 - (c) Total Design Cost..... 844
 - (d) Contract..... 844
 - (e) In-house..... 0

- (4) Construction Contract Award..... SEP 2021

- (5) Construction Start..... DEC 2021

- (6) Construction Completion..... OCT 2023

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)	4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY (AASF)
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 94113 520047	8. PROJECT COST (\$000) Approp 28,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
F F & E	OMNG	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 ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEBRUARY 2020			
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)	INSNO= VQ87A			4. AREA CONSTRUCTION COST INDEX 1.49			
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ANG	Estate Manning Bay,	6.00 miles	Engineering Unit	584 m2 (6,283 SF) 1982			
ARNG	Estate Negro Bay, VI	4.00 miles	Aviation Facility	1,399 m2 (15,060 SF) 1994			
ARNG	Estate Sprat Hall, V	2.00 miles	Civil Support Unit	1,724 m2 (18,559 SF) 1987			
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST		DESIGN STATUS			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>			
14132	Civil Support Team Ready Building	1,704 m2 (18,340 SF)	11,400	OCT 2016 JUL 2021			
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				01 AUG 2017 (Date)			
9. LAND ACQUISITION REQUIRED							
None				0 (Number of acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE		COST			
<u>CODE</u>	<u>PROJECT TITLE</u>			<u>(\$000)</u>			
72114	ENLISTED BARRACKS, TRANSIENT TRAINING ADD	1,017 m2	(10,943 SF)	0			
	USPFO ADD/ALT for CIF Warehouse storage & fenced M	0 m2	(0 SF)	0			
	National Guard Vehicle Maintenance Shop Add (STX)	0 m2	(0 SF)	0			
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 17 OCT 2018							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	22	7	15	0	22	7	15
ACTUAL	22	7	15	0	16	3	13
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(DET 23 CST (WMD))	W7LUAA	7S300	NGW7LUAA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				22	16		
				22	16		
				Assigned/Authorized: 73%			
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
WHEELED	7	7					
TRAILERS	3	3					
TRACKED	0	0					
EQUIPMENT > 30 FT	0	0					
Fuel Truck	0	0					
HET	0	0					
TOTALS	10	10					

1. COMPONENT ARNG	FY 2021 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEBRUARY 2020						
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)		4. AREA CONSTRUCTION COST INDEX 1.49						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)				4. PROJECT TITLE Civil Support Team (CST) Ready Building		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 14132	7. PROJECT NUMBER 94114 520080		8. PROJECT COST (\$000) Approp 11,400	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						
	14132 Ready Building	m2 (SF)	1,704 (18,340)		4,693	8,340 (7,996)
	81160 Backup/Emergency Generator	EA	1 --		180,000	(180)
	Sustainability/Energy Measures	LS	--		--	(164)
<u>SUPPORTING FACILITIES</u>						
	Electric Service	LS	--		--	1,758 (125)
	Water, Sewer, Gas	LS	--		--	(249)
	Paving, Walks, Curbs And Gutters	LS	--		--	(509)
	Storm Drainage	LS	--		--	(180)
	Site Imp(350) Demo()	LS	--		--	(350)
	Antiterrorism Measures	LS	--		--	(206)
	Other	LS	--		--	(139)
	ESTIMATED CONTRACT COST					10,098
	CONTINGENCY (5.00%)					500
	SUBTOTAL					10,598
	SUPV, INSP & OVERHEAD (3.47%)					364
	DESIGN/BUILD-DESIGN COST (4.00%)					420
	TOTAL REQUEST					11,382
	TOTAL FEDERAL REQUEST					11,382
	TOTAL FEDERAL REQUEST (ROUNDED)					11,400
	INSTALLED EQT-OTHER APPROP					(0)
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 kW/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)						
REQUIREMENT: This facility is designed to meet the operational, administrative, supply and training requirements 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 ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020
3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)			4. PROJECT TITLE CST Ready Building	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14132	7. PROJECT NUMBER 94114 520080	8. PROJECT COST (\$000) Approp 11,400	
<u>CURRENT SITUATION: (CONTINUED)</u>				
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.				
<u>IMPACT IF NOT PROVIDED:</u> The lack of proper and adequate 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 technical 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.				
<u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.				
<u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.				
<u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.				

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION St. Croix Virgin Islands (U.S.)	4. PROJECT TITLE CST Ready Building
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 14132	7. PROJECT NUMBER 94114 520080	8. PROJECT COST (\$000) Approp 11,400
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ADDITIONAL: (CONTINUED)
 JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Design Start Date.....	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	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	0
(b) All Other Design Costs.....	340
(c) Total Design Cost.....	340
(d) Contract.....	340
(e) In-house.....	0
(4) Construction Contract Award.....	SEP 2021
(5) Construction Start.....	DEC 2021
(6) Construction Completion.....	OCT 2023

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	2023	756
ESS (171R)	OPA	2023	232
		Total	988

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

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various		4. PROJECT TITLE Unspecified Minor Construction			
5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 88445 990022	8. PROJECT COST (\$000) Approp 32,744		
9. COST ESTIMATES					
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY	UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>					32,744
00000 Unspecified Minor Construction		LS	--	--	(32,744)
 <u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					32,744
CONTINGENCY (0.00%)					0
SUBTOTAL					32,744
SUPV, INSP & OVERHEAD (0.00%)					0
TOTAL REQUEST					32,744
TOTAL FEDERAL REQUEST					32,744
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Unspecified Minor Military Construction (UMMC) projects which have a funding cost of \$6,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under 10 USC 18233a(a)(1).					
11. REQ: NONE ADQT: NONE SUBSTD: NONE					
PROJECT: For Unspecified Minor Military Construction (UMMC) projects					
REQUIREMENT: This line item is needed to provide for Unspecified Minor Military Construction (UMMC) Program projects for which the need cannot be reasonably foreseen nor justified in time to be included in this Military Construction, Army National Guard Program.					
CURRENT SITUATION: These unforeseen projects address high priorities such as critical mission requirements, environmental protection, and life, health, or safety threatening conditions. These projects cannot wait until the next budget submission.					
12. SUPPLEMENTAL DATA:					
A. Estimated Design Data:					
(1) Status:					
(a) Design Start Date.....					_____
(b) Percent Complete as of January 2020.....					_____ 0
(c) Date 35% Designed.....					_____

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Minor Construction Worldwide Various	4. PROJECT TITLE Unspecified Minor Construction
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 88445 990022	8. PROJECT COST (\$000) Approp 32,744
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(d) Date Design Complete.....
(e) Parametric Cost Estimating Used to Develop Costs.. NO
(f) Type of Design Contract: _____

(2) Basis:

(a) Standard or Definitive Design: NO

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

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

(4) Construction Contract Award..... _____

(5) Construction Start..... _____

(6) Construction Completion..... _____

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

1. COMPONENT ARNG		FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. DATE FEBRUARY 2020	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT		6. CATEGORY CODE 00000	7. PROJECT NUMBER 88446 990033		8. PROJECT COST (\$000) Approp 29,593	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM	UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
<u>PRIMARY FACILITY</u>						29,593
00000 Planning and Design		LS	--		--	(29,593)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						29,593
CONTINGENCY (0.00%)						0
SUBTOTAL						29,593
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						29,593
TOTAL FEDERAL REQUEST						29,593
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for ARNG facilities						
11. REQ:	NONE	ADQT:	NONE		SUBSTD:	NONE
PROJECT: Planning and design funds.						
REQUIREMENT: These funds are required to provide Planning and Design funds (P&D) for regular Army National Guard Military Construction (MCNG) and Unspecified Minor projects. Included within the design and engineering services is value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army National Guard's MCNG budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used for Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2021 program; for advancement to final design of projects in FY 2022 and for initiation of design of projects in FY 2023. The funds request for the annual planning and design requirement includes specially designs based on Army National Guard Criteria and Army regulations.						

1. COMPONENT ARNG	FY 2021 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEBRUARY 2020
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3. INSTALLATION AND LOCATION Planning and Design Worldwide Various	4. PROJECT TITLE Planning and Design
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5. PROGRAM ELEMENT	6. CATEGORY CODE 00000	7. PROJECT NUMBER 88446 990033	8. PROJECT COST (\$000) Approp 29,593
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Design Start Date.....
 - (b) Percent Complete as of January 2020..... 0
 - (c) Date 35% Designed.....
 - (d) Date Design Complete.....
 - (e) Parametric Cost Estimating Used to Develop Costs.. NO
 - (f) Type of Design Contract:

- (2) Basis:
 - (a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 0
 - (b) All Other Design Costs..... 0
 - (c) Total Design Cost..... 0
 - (d) Contract..... 0
 - (e) In-house..... 0

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

- (5) Construction Start.....

- (6) Construction Completion.....

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		