

**DEPARTMENT OF THE ARMY  
ARMY NATIONAL GUARD**

**FISCAL YEAR (FY) 2024  
BUDGET ESTIMATE**

**MILITARY CONSTRUCTION**



**JUSTIFICATION DATA SUBMITTED TO CONGRESS**

**MARCH 2023**



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ARMY NATIONAL GUARD

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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION PROGRAM FY 2024  
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Arizona	040530	Surprise Readiness Center, RPSUID: 192883 National Guard Readiness Center	15,000	15,000	C	1
		Subtotal Surprise Readiness Center	\$ 15,000	15,000		
		* TOTAL MCNG FOR Arizona	\$ 15,000	15,000		
Idaho	160069	Jerome County Regional Site, RPSUID: 191806 National Guard Vehicle Maintenance Shop	17,000	17,000	C	9
		Subtotal Jerome County Regional Site	\$ 17,000	17,000		
		* TOTAL MCNG FOR Idaho	\$ 17,000	17,000		
Illinois	170077	N. Riverside (NG Maint Center), RPSUID: 6345 NATIONAL GUARD VEHICLE MAINTENANCE SHOP	24,000	24,000	C	15
		Subtotal N. Riverside (NG Maint Center)	\$ 24,000	24,000		
		* TOTAL MCNG FOR Illinois	\$ 24,000	24,000		
Missouri	290179	Bellefontaine, RPSUID: 192639 NATIONAL GUARD READINESS CENTER	28,000	28,000	C	23
		Subtotal Bellefontaine	\$ 28,000	28,000		
		* TOTAL MCNG FOR Missouri	\$ 28,000	28,000		
New Hampshire	330022	Littleton, RPSUID: 5922 National Guard Vehicle Maintenance Shop ADD/ALT	23,000	23,000	C	29
		Subtotal Littleton	\$ 23,000	23,000		
		* TOTAL MCNG FOR New Hampshire	\$ 23,000	23,000		

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION PROGRAM FY 2024  
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
New Mexico	350104	Rio Rancho TS, RPSUID: 7010 National Guard Vehicle Maintenance Shop Addition	11,000	11,000	C	37
		Subtotal Rio Rancho TS	\$ 11,000	11,000		
		* TOTAL MCNG FOR New Mexico	\$ 11,000	11,000		
Ohio	390214	Camp Perry Joint Training Center, RPSUID: 4280 NATIONAL GUARD READINESS CENTER	19,200	19,200	C	43
		Subtotal Camp Perry Joint Training Center	\$ 19,200	19,200		
		* TOTAL MCNG FOR Ohio	\$ 19,200	19,200		
Oregon	410093	Washington County Readiness Center, RPSUID: 170716 NATIONAL GUARD READINESS CENTER	26,000	26,000	C	51
		Subtotal Washington County Readiness Center	\$ 26,000	26,000		
		* TOTAL MCNG FOR Oregon	\$ 26,000	26,000		
Pennsylvania	420173	Hermitage Readiness Center, RPSUID: 169929 National Guard Readiness Center	13,600	13,600	C	57
		Subtotal Hermitage Readiness Center	\$ 13,600	13,600		
		* TOTAL MCNG FOR Pennsylvania	\$ 13,600	13,600		
South Carolina	450377	MTA McCrady Training Site, RPSUID: 5017 AUTOMATED MULTIPURPOSE MACHINE GUN (MPMG) RANGE	7,900	7,900	C	73
		Subtotal MTA McCrady Training Site	\$ 7,900	7,900		
	450193	Aiken County Readiness Center, RPSUID: 190134 NATIONAL GUARD READINESS CENTER	20,000	20,000	C	65
		Subtotal Aiken County Readiness Center	\$ 20,000	20,000		
		* TOTAL MCNG FOR South Carolina	\$ 27,900	27,900		

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION PROGRAM FY 2024  
ARMY NATIONAL GUARD

STATE -----	PROJECT NUMBER -----	CITY/INSTALLATION ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE -----
Virginia	511018	Sandston RC & FMS 1, RPSUID:7162 Aircraft Maintenance Hangar	20,000	20,000	C	79
		Subtotal Sandston RC & FMS 1	\$ 20,000	20,000		
		* TOTAL MCNG FOR Virginia	\$ 20,000	20,000		
Wisconsin	550184	Viroqua, RPSUID:7730 NATIONAL GUARD READINESS CENTER	18,200	18,200	C	87
		Subtotal Viroqua	\$ 18,200	18,200		
		* TOTAL MCNG FOR Wisconsin	\$ 18,200	18,200		
Worldwide Various	990022	Minor Construction Unspecified Minor Construction	0	63,000		95
		Subtotal Minor Construction	\$ 0	63,000		
	990033	Planning and Design Planning and Design	0	34,286		97
		Subtotal Planning and Design	\$ 0	34,286		
		* TOTAL MCNG FOR Worldwide Various	\$ 0	97,286		
** ARMY NATIONAL GUARD TOTAL			\$ 242,900	340,186		
Total Cost of New Mission Projects			(0)	\$ 0		
Total Cost of Current Mission Projects			(13)	\$ 242,900		
Total Cost of other line items			(2)	\$ 97,286		
Total Cost of FY 2024 MCNG Projects			(15)	\$ 340,186		

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**Military Construction Army National Guard, Future Years Defense Program  
FY 2024 - FY 2028**

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB23	FY24 Change	Explanation	Proj No	Pax No	MDEP
2024	AL	Huntsville	National Guard Readiness Center	0	17,000	(17,000)	Appropriated by Congress in FY2022; Sec124	2024		
2024	AK	Joint Base Elmendorf-Richardson	National Guard Readiness Center	0	59,000	(59,000)	Project moved from 2024 to 2025.	010907		
2024	AZ	Surprise Readiness Center; RPSUID:192883	National Guard Readiness Center	15,000	11,600	3,400	Cost Increase.	040530	88921	ERV
2024	DC	Joint Base Anacostia-Bolling	Combined Support Maintenance Shop Add/Alt	0	15,000	(15,000)	Lost to Inflation, submitted as an FY24 Unfunded Priority.	111083		
2024	ID	Jerome County Regional Site; RPSUID:191806	National Guard Vehicle Maintenance Shop	17,000	15,000	2,000	Cost Increase.	160069	85412	ERV
2024	IL	N Riverside (NG Maint Center); RPSUID:6345	National Guard Vehicle Maintenance Shop	24,000	17,500	6,500	Cost Increase.	170077	85415	ERV
2024	KY	Burlington	National Guard Vehicle Maintenance Shop	0	14,800	(14,800)	Lost to Inflation, submitted as an FY24 Unfunded Priority.	210192		
2024	MO	Bellevue; RPSUID:192639	National Guard Readiness Center	28,000	20,000	8,000	Cost Increase.	290179	88251	ERV
2024	NH	Littleton; RPSUID:5922	National Guard Vehicle Maintenance Shop Add/Alt	23,000	13,600	9,400	Cost Increase.	330022	88254	ERV
2024	NJ	Vineland; RPSUID:7727	National Guard Vehicle Maintenance Shop	0	18,000	(18,000)	Cost Increase. Project moved from 2024 to 2025	340131	85479	ERV
2024	NM	Rio Rancho TS; RPSUID:7010	National Guard Vehicle Maintenance Shop Addition	11,000	9,200	1,800	Cost Increase.	350104	86635	ERV
2024	OH	Camp Perry Joint Training Center; RPSUID:4280	National Guard Readiness Center	19,200	14,700	4,500	Cost Increase.	390214	85496	ERV
2024	OR	Washington County Readiness Center; RPSUID:170716	National Guard Readiness Center	26,000	22,000	4,000	Cost Increase.	410093	85503	ERV
2024	PA	Hermitage Readiness Center; RPSUID:169929	National Guard Readiness Center	13,600	10,600	3,000	Cost Increase.	420173	86705	ERV
2024	SC	Aiken County Readiness Center; RPSUID:190134	National Guard Readiness Center	20,000	15,500	4,500	Cost Increase.	450193	85520	ERV
2024	SC	MTA McCrady TS; RPSUID:5017	Automated Multipurpose Machine Gun (MIPMG) Range	7,900	6,000	1,900	Training program project Cost Increase.	450377	85615	TFML
2024	SD	Sioux Falls	National Guard Readiness Center	0	15,000	(15,000)	Appropriated by Congress in FY2022; Sec124	460158		
2024	KY	Fort Campbell	National Guard Readiness Center	0	12,800	(12,800)	Lost to Inflation, submitted as an FY24 Unfunded Priority.	470195		
2024	VA	Sandston RC & FMS 1; RPSUID:7162	Aircraft Maintenance Hangar	20,000	20,000	0		511018	85547	ERV
2024	VI	St. Croix	Power Substation/Switching Station Building	0	3,500	(3,500)	Project removed.	526001		
2024	WA	Camp Murray; RPSUID:4273	National Guard/Reserve Center Building	0	22,000	(22,000)	Cost Increase. Project moved from 2024 to 2025	530077	86688	
2024	WI	Viroqua; RPSUID:7730	National Guard Readiness Center	18,200	15,000	3,200	Cost Increase.	550184	86664	ERV
2024	ZZZ	Various	Unspecified Minor Construction	63,000	62,500	500		990022	95121	E315
2024	ZZZ	Various	Unspecified Minor Construction (Range Program)	0	5,000	(5,000)		990022		
2024	ZZZ	Various	Planning and Design	34,286	40,383	(6,097)		990033	95125	E314
<b>Total FY 2024 Program Request</b>				<b>340,186</b>	<b>475,683</b>	<b>-135,497</b>				

**Military Construction Army National Guard, Future Years Defense Program  
FY 2024 - FY 2028**

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB23	FY24 Change	Explanation	Proj No	Pax No	MDER
2025	AK	Joint Base Elmendorf-Richardson	National Guard Readiness Center	64,000	0	64,000	Project moved from 2024 to 2025. Cost increase.	2025 021024	90207	ERVC
2025	AR	Camp Robinson	Automated Multipurpose Machine Gun Range	0	8,000	(8,000)	Training program project Cost Increase. Project moved from 2025 to 2026.	050186		
2025	CA	Riverside	National Guard Vehicle Maintenance Shop	24,000	24,000	0		060252		ERVC
2025	CO	Castle Rock	National Guard Readiness Center	0	15,500	(15,500)	Project moved from 2025 to 2026.	080057		
2025	FL	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range	0	8,500	(8,500)	Training program project Cost Increase. Project moved from 2025 to 2026.	120213		
2025	FL	Camp Blanding	Scout RECCE Gunnery Complex	0	16,200	(16,200)	Training program project Cost Increase. Project moved from 2025 to 2026.	120214		
2025	FL	Camp Blanding	Infantry Squad Battle Course	8,400	0	8,400	Training program project insertion.	120219		TFML
2025	FL	Camp Blanding	Training Aids Center	0	8,600	(8,600)	Training program project moved from 2025 to 2026.	120231		
2025	GU	Barrigada	National Guard Readiness Center Addition	0	45,000	(45,000)	Project moved from 2025 to 2026.	140051		
2025	ID	Boise	Simulations Center	15,000	15,000	0		160175	92651	TFMS
2025	IN	Camp Atterbury	Automated Multipurpose Machine Gun Range	0	8,000	(8,000)	Training program project Cost Increase. Project moved from 2025 to 2026.	180162		
2025	IA	Stoux City	National Guard Vehicle Maintenance Shop	10,400	10,400	0		190137		ERVC
2025	IA	Waterloo	National Guard Vehicle Maintenance Shop	0	10,600	(10,600)	Project moved from 2025 to 2026.	190185		
2025	LA	Lafayette	National Guard Readiness Center	24,000	24,000	0		220123		ERVC
2025	MD	Silver Spring	National Guard Readiness Center	19,000	19,000	0		240148	88245	ERVC
2025	MA	Camp Edwards	National Guard Readiness Center	24,000	24,000	0		250148	86606	ERVC
2025	MS	Southaven	National Guard Readiness Center	22,000	22,000	0		280321	88249	ERVC
2025	MT	Malta	National Guard Vehicle Maintenance Shop	11,400	11,400	0		300238		ERVC
2025	NJ	Vineyard; RPSUID:7727	National Guard Vehicle Maintenance Shop	22,440	0	22,440	Cost Increase. Project moved from 2024 to 2025	340131	85479	ERVC
2025	NC	Rocky Mount	National Guard Readiness Center	18,500	18,500	0		371605	92223	ERVC
2025	OH	Lima	National Guard Readiness Center	18,500	18,500	0		390130		ERVC
2025	OK	Shawnee	National Guard Readiness Center	18,000	18,000	0		401207		ERVC
2025	OR	Boardman	Automated Multipurpose Machine Gun Range	0	16,500	(16,500)	Training program project Cost Reduction. Project moved from 2025 to 2026.	410133		
2025	PA	Danville	National Guard Vehicle Maintenance Shop	17,000	17,000	0		420517		ERVC
2025	PA	Fort Indiantown Gap	Automated Multipurpose Machine Gun Range	0	15,500	(15,500)	Training program project moved from 2025 to 2026.	420519		
2025	PR	Fort Buchanan	National Guard/Reserve Center Building Addition	16,500	16,500	0		430068	85511	ERVC
2025	RI	North Kingstown	National Guard Readiness Center	30,000	30,000	0		440063	85724	ERVC
2025	SD	Watertown	National Guard Vehicle Maintenance Shop	0	20,000	(20,000)	Project moved from 2025 to 2026.	460136		
2025	UT	Manti	National Guard Readiness Center	0	20,000	(20,000)	Project 491202 replaced with 491701, TAG request.	491202		ERVC
2025	UT	Nephi	National Guard Vehicle Maintenance Shop	20,000	0	20,000	Project 491202 replaced with 491701, TAG request.	491701		ERVC
2025	WA	Camp Murray; RPSUID:4273	National Guard/Reserve Center Building	36,720	0	36,720	Cost Increase. Project moved from 2024 to 2025	530077	86688	ERVC
2025	ZZZ	Various	Unspecified Minor Construction	45,000	66,865	(21,865)		882522	95122	E315
2025	ZZZ	Various	Planning and Design	29,191	35,496	(6,305)		882533	95126	E314
<b>Total FY 2025 Program Request</b>				<b>494,051</b>	<b>563,061</b>	<b>-69,010</b>				

**Military Construction Army National Guard, Future Years Defense Program  
FY 2024 - FY 2028**

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB23	FY24 Change	Explanation	Proj No	Pax No	MDEP
2026	2026			2026				2026		
2026	AR	Camp Robinson	Automated Multipurpose Machine Gun Range	9,500	0	9,500	Training program project Cost Increase. Project moved from 2025 to 2026.	050186	85715	TFML
2026	CO	Castle Rock	National Guard Readiness Center	15,500	0	15,500	Project moved from 2025 to 2026.	080057		ERV
2026	FL	Camp Blanding	Automated Multipurpose Machine Gun (MPMG) Range	10,800	0	10,800	Training program project Cost Increase. Project moved from 2025 to 2026.	120213	85610	TFML
2026	FL	Camp Blanding	Scout RECCE Gunnery Complex	23,000	0	23,000	Training program project Cost Increase. Project moved from 2025 to 2026.	120214	84561	TFML
2026	FL	Camp Blanding	Training Aids Center	8,600	0	8,600	Training program project moved from 2025 to 2026.	120231	84651	TFMS
2026	GA	Fort Gordon	National Guard/Reserve Center Building	0	21,000	(21,000)	Project moved from 2026 to 2028.	130125		
2026	GU	Barrigada	National Guard Readiness Center Addition	45,000	0	45,000	Project moved from 2025 to 2026.	140051		ERV
2026	IN	Camp Alterbury	Automated Multipurpose Machine Gun Range	10,000	0	10,000	Training program project Cost Increase. Project moved from 2025 to 2026.	180162	85627	TFML
2026	IA	Waterloo	National Guard Vehicle Maintenance Shop	10,600	0	10,600	Project moved from 2025 to 2026.	190185		ERV
2026	NH	Plymouth	National Guard Readiness Center	17,000	17,000	0		330399		ERV
2026	OR	Boardman	Automated Multipurpose Machine Gun Range	13,000	0	13,000	Training program project Cost Reduction. Project moved from 2025 to 2026.	410133	92139	TFML
2026	OR	Lebanon	National Guard Readiness Center Addition	0	25,000	(25,000)	Project moved from 2026 to 2027.	410056		
2026	PA	Fort Indiantown Gap	Automated Multipurpose Machine Gun Range	15,500	0	15,500	Training program project moved from 2025 to 2026.	420519	91326	TFML
2026	SD	Watertown	National Guard Vehicle Maintenance Shop	20,000	0	20,000	Project moved from 2025 to 2026.	460136		ERV
2026	VT	Colchester	National Guard/Reserve Center Building Addition	0	23,000	(23,000)	Project moved from 2026 to 2027.	500058		
2026	VA	Sandston	Aircraft Maintenance Hangar Addition	0	25,000	(25,000)	Project moved from 2026 to 2028.	511020		
2026	WV	Martinsburg	National Guard Readiness Center	0	9,300	(9,300)	Project moved from 2026 to 2027.	540071		
2026	WI	Black River Falls	National Guard Readiness Center Addition	0	20,000	(20,000)	Project moved from 2026 to 2027.	550180		
2026	ZZZ	Various	Unspecified Minor Construction	29,000	46,862	(17,862)		882622	95123	E315
2026	ZZZ	Various	Unspecified Minor Construction (Range Program)	0	4,700	(4,700)		990022		
2026	ZZZ	Various	Planning and Design	18,930	10,665	8,265		882633	95127	E314
<b>Total FY 2026 Program Request</b>				<b>246,430</b>	<b>202,527</b>	<b>43,903</b>				

Military Construction Army National Guard, Future Years Defense Program  
FY 2024 - FY 2028

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB23	FY24 Change	Explanation	Proj No	Pax No	MDEP
2027	CA	Camp Roberts	Automated Record Fire (ARF) Range	6,700	6,700	0		2027		
2027	DE	Camden	National Guard Readiness Center	0	20,800	(20,800)	Project moved from 2027 to 2028.	060507		TFML
2027	FL	Camp Blanding	National Guard Readiness Center	0	15,500	(15,500)	Project moved from 2027 to 2028.	100083		
2027	LA	Abbeville	National Guard Readiness Center	16,500	16,500	0		120321		
2027	NJ	Newark	National Guard Readiness Center	0	23,000	(23,000)	Project moved from 2027 to 2028.	220161		ERV
2027	OR	Lebanon	National Guard Readiness Center Addition	25,000	0	25,000	Project moved from 2026 to 2027.	340167		
2027	PA	Fort Indiantown Gap	National Guard Readiness Center	0	19,500	(19,500)	Project moved from 2026 to 2028.	410056		ERV
2027	VT	Colchester	National Guard/Reserve Center Building Addition	23,000	0	23,000	Project moved from 2026 to 2027.	420625		
2027	WA	Tumwater	National Guard Vehicle Maintenance Shop	0	22,000	(22,000)	Project moved from 2027 to 2028.	500058		ERV
2027	WV	Martinsburg	National Guard Readiness Center	9,300	0	9,300	Project moved from 2026 to 2027.	530130		ERV
2027	WI	Black River Falls	National Guard Readiness Center Addition	20,000	0	20,000	Project moved from 2026 to 2027.	540071		ERV
2027	ZZZ	Various	Unspecified Minor Construction	57,000	58,498	(1,498)		882722	100158	E315
2027	ZZZ	Various	Unspecified Minor Construction (Range Program)	4,700	0	4,700		990022		
2027	ZZZ	Various	Planning and Design	19,901	12,698	7,203		882733	100164	E314
<b>Total FY 2027 Program Request</b>				<b>182,101</b>	<b>195,196</b>	<b>-13,095</b>				

Military Construction Army National Guard, Future Years Defense Program  
 FY 2024 - FY 2028

Year	State	Town or Installation	Project Title	Budgeted Amount	FYDP PB23	FY24 Change	Explanation	Proj No	Pax No	MDEP
2028	2028	2028	2028					2028		
2028	DE	Camden	National Guard Readiness Center	20,800	0	20,800	Project moved from 2027 to 2028.	100083		ERV
2028	FL	Camp Blanding	National Guard Readiness Center	15,500	0	15,500	Project moved from 2027 to 2028.	120321		ERV
2028	GA	Fort Gordon	National Guard/Reserve Center Building	21,000	0	21,000	Project moved from 2026 to 2028.	130125		ERV
2028	IN	Camp Aiterbury	Automated Record Fire (ARF) Range	16,000	0	16,000	Training program project insertion.	180503		TFML
2028	KS	Fort Riley	National Guard Readiness Center	27,000	0	27,000	Accelerated from the Infrastructure Requirements Plan	200152		ERV
2028	MT	Fort Harrison	Collective Training, Unaccompanied Housing, Open Bay	20,000	0	20,000	Accelerated from the Infrastructure Requirements Plan	300252		E4H7
2028	NJ	Newark	National Guard Readiness Center	23,000	0	23,000	Project moved from 2027 to 2028.	340167		ERV
2028	PA	Fort Indiantown Gap	National Guard Readiness Center	19,500	0	19,500	Project moved from 2027 to 2028.	420625	102768	ERV
2028	VA	Sandston	Aircraft Maintenance Hangar Addition	25,000	0	25,000	Project moved from 2026 to 2028.	511020		ERV
2028	WA	Tumwater	National Guard Vehicle Maintenance Shop	22,000	0	22,000	Project moved from 2027 to 2028.	530130		ERV
2028	ZZZ	Various	Unspecified Minor Construction	47,000	0	47,000		882822	100159	E315
2028	ZZZ	Various	Planning and Design	13,865	0	13,865		882833	100165	E314
<b>Total FY 2028 Program Request</b>				<b>270,665</b>	<b>0</b>	<b>0</b>				

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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 \$340,186,000 to remain available until 30 September 2028. Provided, that of the amount appropriated, not to exceed \$34,286,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Director of the Army National Guard determines that additional obligations are necessary for such purposed and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

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# **SPECIAL PROGRAM CONSIDERATION**

## **SEC. 26XX. MODIFICATION OF AUTHORITY TO CARRY OUT CERTAIN FISCAL YEAR 2022 PROJECT DESIGN.**

(a) Authority to Redirect Planning and Design funds to the Air National Guard (ANG) for National Guard/Reserve Center SCIF Planning and Design, Nickell Memorial Armory, Topeka, Kansas. - In the case of the Army National Guard authorization contained in the tables in sections 2601 and 4601 of the National Defense Authorization Act for Fiscal Year 2022 (Public Law 117–81) for National Guard/Reserve Center Building SCIF (P&D), Nickell Memorial Armory, Topeka, Kansas, \$420,000 of the amount authorized was intended for Planning and Design of a SCIF for the ANG. The Secretary of the Army may move Planning and Design funds from the Army National Guard to the Air National Guard as intended.

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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Surprise Readiness Center, RPSUID: 192883    INSNO= 04B43 Arizona		4. AREA CONSTRUCTION COST INDEX .96
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	47	12
TRAILERS	44	14
TRACKED	0	0
EQUIPMENT > 30 FT	1	1
Fuel Truck	0	0
HET	0	0
TOTALS	92	27
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Surprise Readiness Center, RPSUID: 192883 Arizona				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 88921 040530		8. PROJECT COST (\$000) Approp 15,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						15,592
17180 Readiness Center		m2 (SF)	5,075 ( 54,622)		2,934	(14,888)
44228 Controlled Waste Facility		m2 (SF)	30.66 ( 330)		807.24	(25)
44240 Flammable Materials Facility		m2 (SF)	10.22 ( 110)		807.24	(8)
85210 Rigid Pavement for MEP		m2 (SY)	2,780 ( 3,325)		89.70	(249)
Sustainability/Energy Measures		LS	--		--	(305)
Antiterrorism Measures		LS	--		--	(117)
SUPPORTING FACILITIES						2,126
Electric Service		LS	--		--	(70)
Water, Sewer, Gas		LS	--		--	(302)
Paving, Walks, Curbs And Gutters		LS	--		--	(622)
Storm Drainage		LS	--		--	(140)
Site Imp(468) Demo( )		LS	--		--	(468)
Information Systems		LS	--		--	(104)
Antiterrorism Measures		LS	--		--	(145)
Other		LS	--		--	(275)
ESTIMATED CONTRACT COST						17,718
CONTINGENCY (5.00%)						886
SUBTOTAL						18,604
SUPV, INSP & OVERHEAD (3.51%)						653
DESIGN/BUILD-DESIGN COST (4.00%)						744
TOTAL REQUEST						20,001
State Share						5,000
TOTAL FEDERAL REQUEST						15,001
TOTAL FEDERAL REQUEST (ROUNDED)						15,000
INSTALLED EQT-OTHER APPROP						(1,726)
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. 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 40 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 55,062 SQFT. Disposal of 1 building at Camp Navajo, AZ (Total 1,176 m2/12,661 SF), 5 buildings at Glendale Readiness Center, AZ (Total 2,358 m2/25,377 SF), and 2 buildings at Sunnyslope Readiness Center, AZ (Total 1,791 m2/19,275 SF). Air Conditioning (Estimated 742 kW/211 Tons).						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Surprise Readiness Center, RPSUID: 192883 Arizona				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 88921 040530		8. PROJECT COST (\$000) Approp 15,000	
11. REQ: 5,115 m2		ADQT: NONE		SUBSTD: NONE		
<p><u>PROJECT:</u> To construct a 55,062 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the AZARNG. The underlying land of the planned location is owned by the State of Arizona. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility will provide the necessary space for the required units, such as administrative, training, kitchen and storage areas required to achieve proficiency in respective areas of training. This facility will serve 855 CO MP CO COMBAT SUPP, UIC WQQAAA and HHD/1120 TC, UIC WP9MAA.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Arizona due to the current situation of facilities' lack of adequate space (59% of authorized) and substandard situation to include AT/FP stand off distances, energy efficiencies, parking deficiencies, drainage issues. Building M8360 has insufficient parking for MTOE equipment; No Standoff in Org or Non-Org parking. No lighting for pedestrian safety or night operations. Gates for Non-Org parking needs to be widened, insufficient clearance for larger vehicles to pass thru with sufficient clearance. here is also no loading dock and the retaining walls by buildings are extremely unstable. Vault is inadequate for proper storage of unit equipment. Needs to be enlarged.</p> <p>Building M2244 has no sidewalks, no disabled parking and is missing pedestrian and signage lighting. Parking area has lots of standing water areas and many of the training rooms are inadequate. Delays in funding for this project will require the units to stay in outdated Glendale and Sunnyslope readiness centers. Site Location, less than 82' from property line. No Sidewalks. Poor ventilation throughout the building. Electrical service more than 35 years old. Physical Fitness area is inadequate, No lactation room. No stand-by generator in both buildings this project will replace. The lack of proper facilities will negatively influence troop morale and readiness, as well as affect the overall retention of 855MP and HHD/1120 TC.</p> <p>The site for this project is in the possession of the state of Arizona.</p> <p>Currently, the state of Arizona has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1954.</p> <p>Continuing to operate in outdated, undersized facilities that were constructed in 1971 (Glendale), and 1954 (Sunnyslope), respectively, that only meets 59% of space allowances and are not properly configured for federal and state missions is not feasible for a prolonged period of time.</p> <p>No fire suppression system in building and only 1 fire hose that is contained in a case. Has not been inspected for several years. This presents a substantial life, health, safety risk for the Soldiers and equipment at this facility.</p>						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA					2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Surprise Readiness Center, RPSUID: 192883 Arizona					4. PROJECT TITLE  National Guard Readiness Center			
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180		7. PROJECT NUMBER 88921 040530		8. PROJECT COST (\$000)  Approp 15,000		
CURRENT SITUATION: (CONTINUED)								
Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
04A85	5218	17180	M2240	2020	F4	Q4	C4	Glendale Armory
04A85	5218	17180	M2244	2020	F4	Q4	C4	Glendale Armory
04B75	7475	17180	M8360	2020	F4	Q4	C4	Sunnyslope Armory
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the present facilities structure condition will fail. The buildings will need to be abandoned causing the need for relocation and impacting training, operations and budget. Maintenance and energy costs are rapidly increasing and training and mobilization readiness standards are continuing to decline. The unit's ability to meet its readiness, recruiting and retention, and training objectives are being adversely affected because of the lack of adequate facilities. Delays in funding of the project will force the continued use of these inadequate facilities until such time as facilities will need to be condemned, thus, allowing the present facilities' deficiencies to continue to negatively impact troop morale and readiness. The lack of proper and adequate training, storage, and administrative areas will continue to impair the required mobilization readiness levels.</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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.</p>								

1. COMPONENT ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MARCH 2023
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3. INSTALLATION AND LOCATION Surprise Readiness Center, RPSUID: 192883 Arizona	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 88921 040530	8. PROJECT COST (\$000) Approp 15,000
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JAN 2022
(b) Percent Complete as of January 2023.....	30
(c) Date 35% Designed.....	JUN 2023
(d) Date Design Complete.....	JAN 2024
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(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.....	1,029
(b) All Other Design Costs.....	583
(c) Total Design Cost.....	1,612
(d) Contract.....	1,612
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2024

(5) Construction Start..... APR 2024

(6) Construction Completion..... MAY 2026



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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023					
3. INSTALLATION AND LOCATION Jerome County Regional Site, RPSUID: 191806    INSNO= 16D04 Idaho		4. AREA CONSTRUCTION COST INDEX 1.09					
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	Twin Falls, ID	16.00 miles Readiness Center    2,230 m2 (24,000 SF)    1961					
ARNG	Edgemoade, ID	73.00 miles Readiness Center    2,091 m2 (22,503 SF)    1965					
ARNG	Burley, ID	85.00 miles Readiness Center    1,418 m2 (15,260 SF)    1972					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY	<u>PROJECT TITLE</u>	COST <u>DESIGN STATUS</u>					
<u>CODE</u>	NATIONAL GUARD	<u>(\$000)</u> <u>START</u> <u>CMPL</u>					
21407	VEHICLE MAINTENANCE SHOP    2,899 m2 (31,201 SF)	17,000    OCT 2021    OCT 2023					
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 MAR 2022 (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>(\$000)</u>					
NONE							
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 01 AUG 2022							
	<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	20	0	0	20	0	0	0
ACTUAL	20	0	0	20	0	0	0
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
FMS 04 (EQP ID ARNG FLD MAINT)	W8S104		NGW8S1AA	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				0	0		
				0	0		
				0	0		
				Assigned/Authorized:    0%			
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED				77	0		
TRAILERS				108	0		
TRACKED				31	0		
EQUIPMENT > 30 FT				15	0		
Fuel Truck				3	0		
HET				0	0		
TOTALS				234	0		

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023						
3. INSTALLATION AND LOCATION Jerome County Regional Site, RPSUID: 191806 INSNO= 16D04 Idaho		4. AREA CONSTRUCTION COST INDEX 1.09						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Jerome County Regional Site, RPSUID: 191806 Idaho				4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  21407	7. PROJECT NUMBER  85412 160069		8. PROJECT COST (\$000)  Approp 17,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						11,506
21407 Maintenance Shop		m2 (SF)	2,759 ( 29,701)		3,662	(10,104)
21470 Bulk POL Storage		m2 (SF)	20.44 ( 220)		1,776	(36)
44228 Controlled Waste Facility		m2 (SF)	30.66 ( 330)		1,776	(54)
44224 Enclosed Unheated Storage		m2 (SF)	88.26 ( 950)		1,776	(157)
85210 Rigid Pavement for MEP		m2 (SY)	14,214 ( 17,000)		65.78	(935)
Sustainability/Energy Measures		LS	--		--	(220)
SUPPORTING FACILITIES						4,156
Electric Service		LS	--		--	(50)
Water, Sewer, Gas		LS	--		--	(150)
Paving, Walks, Curbs And Gutters		LS	--		--	(2,251)
Storm Drainage		LS	--		--	(51)
Site Imp(899) Demo( )		LS	--		--	(899)
Information Systems		LS	--		--	(216)
Antiterrorism Measures		LS	--		--	(242)
Other		LS	--		--	(297)
ESTIMATED CONTRACT COST						15,662
CONTINGENCY (5.00%)						783
SUBTOTAL						16,445
SUPV, INSP & OVERHEAD (3.38%)						556
TOTAL REQUEST						17,001
TOTAL FEDERAL REQUEST						17,001
TOTAL FEDERAL REQUEST (ROUNDED)						17,000
INSTALLED EQT-OTHER APPROP						(2,019)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop of permanent construction. This facility will include the following items that are integral to the facility; Organizational Vehicle Parking (Paved), Unheated Storage and Controlled Waste Facility. 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 2017. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building not standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal by disposing of 34,584 square feet. Disposal of 6 buildings at Gowen Field, ID (Total 2,360 m2/25,400 SF), 1 building at Gooding Readiness Center, ID (Total 6 m2/65 SF), and 1 building at Jerome Field Maint Shop 4, ID (Total 650 m2/7,000 SF). Air Conditioning (Estimated 95 kW/27 Tons).						
11. REQ: 2,899 m2		ADQT: NONE		SUBSTD: NONE		
PROJECT: To construct a Field Maintenance Shop (FMS) at 31,201 SQFT in order to provide						



1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION  Jerome County Regional Site, RPSUID: 191806 Idaho		4. PROJECT TITLE  NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21407	7. PROJECT NUMBER  85412 160069	8. PROJECT COST (\$000)  Approp 17,000	
<p><u>IMPACT IF NOT PROVIDED: (CONTINUED)</u></p> <p>maintenance philosophy from a 3 level to a 2 level structure. Due to these changes shortages in critical functional space i.e. work bays large enough to accommodate supported equipment, inclusion of some support level tasks, and lack of lift capabilities have caused many maintenance tasks to be deferred or shifted to the CSMS for accomplishment thus creating an increase in both Operating and Maintenance(O&amp;M)costs and OPTEMPO costs. Also, without required organizational parking and storage, the facility continues to be overcrowded and relocating equipment to other sites adds to the costs. This increases down times for equipment and negatively impacts the readiness posture of the supported units and the IDARNG. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.</p>				



1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023		
3. INSTALLATION AND LOCATION N. Riverside (NG Maint Center), RPSUID: 6345      INSNO= 17465 Illinois		4. AREA CONSTRUCTION COST INDEX 1.21		
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 Riverside, IL	0.00 miles Readiness Center	7,409 m2 (79,753 SF)    1988		
ARNG    Chicago - Midway, IL	4.00 miles Readiness Center	7,957 m2 (85,652 SF)    1940		
ARNG    Chicago - NW, IL	6.00 miles Readiness Center	18,976 m2 (204,256 SF)    1940		
7. PROJECTS REQUESTED IN THIS PROGRAM				
CATEGORY <u>PROJECT TITLE</u>	COST	<u>DESIGN STATUS</u>		
<u>CODE</u> NATIONAL GUARD	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>		
21407    VEHICLE MAINTENANCE SHOP	4,479 m2 (48,215 SF)	24,000    OCT 2021    OCT 2023		
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 APR 2021 (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				
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 28 OCT 2021				
	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	74            0            0            74	0            0            0		
ACTUAL	45            0            0            45	0            0            0		
12. RESERVE UNIT DATA				
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>
FMS 09 (EQP IL ARNG FLD MAINT)	W8S209		NGW8S2AA	<u>AUTHORIZED</u> <u>ACTUAL</u>
				0            0
				0            0
Assigned/Authorized:				0%
13. MAJOR EQUIPMENT AND AIRCRAFT				
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED	291	20		
TRAILERS	265	30		
TRACKED	0	0		
EQUIPMENT > 30 FT	129	0		
Fuel Truck	2	0		
HET	0	0		
TOTALS	687	50		

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023						
3. INSTALLATION AND LOCATION N. Riverside (NG Maint Center), RPSUID: 6345      INSNO= 17465 Illinois		4. AREA CONSTRUCTION COST INDEX 1.21						
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION  N. Riverside (NG Maint Center), RPSUID: 6345 Illinois				4. PROJECT TITLE  NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  21407	7. PROJECT NUMBER  85415 170077		8. PROJECT COST (\$000)  Approp 24,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						19,059
21407 Maintenance Shop		m2 (SF)	4,494 ( 48,373)		3,971	(17,845)
44240 Flammable Materials Facility		m2 (SF)	17.37 ( 187)		1,238	(22)
44228 Controlled Waste Facility		m2 (SF)	30.66 ( 330)		1,184	(36)
85210 Rigid Pavement for MEP		m2 (SY)	5,515 ( 6,596)		160.29	(884)
Sustainability/Energy Measures		LS	--		--	(272)
SUPPORTING FACILITIES						3,028
Electric Service		LS	--		--	(78)
Water, Sewer, Gas		LS	--		--	(230)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,692)
Storm Drainage		LS	--		--	(200)
Site Imp(295) Demo( )		LS	--		--	(295)
Information Systems		LS	--		--	(58)
Antiterrorism Measures		LS	--		--	(211)
Other		LS	--		--	(264)
ESTIMATED CONTRACT COST						22,087
CONTINGENCY (5.00%)						1,104
SUBTOTAL						23,191
SUPV, INSP & OVERHEAD (5.00%)						1,160
TOTAL REQUEST						24,351
TOTAL FEDERAL REQUEST						24,351
TOTAL FEDERAL REQUEST (ROUNDED)						24,000
INSTALLED EQT-OTHER APPROP						(1,202)
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), Flammable Materials Facility, Controlled Waste Facility. Comprehensive interior design is requested for this project. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 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 Update 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 55,000 SQFT. Disposal of 1 building at North Riverside Maintenance Center, IL (Total 1,140 m2/12,272 SF), 1 building at Peoria Army Aviation Support Facility 3, IL (Total 1,198 m2/12,900 SF), and 1 building at Streator Readiness Center, IL (Total 2,771 m2/29,828 SF). Air Conditioning (Estimated 183 kW/52 Tons).						
11. REQ:		4,479 m2	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION N. Riverside (NG Maint Center), RPSUID: 6345 Illinois	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85415 170077	8. PROJECT COST (\$000) Approp 24,000
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PROJECT: To construct a 48,215 SF National Guard Vehicle Maintenance Shop that supports both organizational and support maintenance to repair combat and tactical vehicles for the ILARNG. This facility will be built on Federal land. (Current Mission)

REQUIREMENT: This facility is designed to meet the requirements to provide the authorized space for the full time authorized manning of maintenance personnel, which provide maintenance support to units in the Chicago and northern IL region, in order to address facility shortages and inadequacies as defined in the ISR-I. The proposed National Guard Vehicle Maintenance Shop supports UIC: W8S209 FMS#9 and will provide the required working environment for occupational, safety and health standards for this facility with new general purpose work bays, special purpose work bays, work areas, administrative, supply room, classroom, lockers, latrines/showers, and other necessary maintenance space for the personnel to complete their mission. RPLANS shows a deficit of over 70% for maintenance facilities in the state. A 32.76 acre site of federal land is available for this project.

CURRENT SITUATION: This project is critical to the state of Illinois due to the current situation of the current FMS buildings do not meet current building codes or design criteria to meet requirements. RPLANS shows a deficit of over 70% for maintenance facilities in the state. Renovation is not a viable alternative as the current facilities are inadequately designed for modern military vehicles and unit needs.

State owned and State Accountable. The underlying land of the planned location is owned by the State of Illinois.

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

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

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
17465	6345	21407	00003	2021	F3	Q1	C4	FMS #3
17465	6345	21407	00007	2021	F3	Q1	C4	FMS #9

The utility, mechanical, and IT systems associated with these buildings are also in poor condition and all systems need to be updated.

Both of the existing facilities are considered unfavorable because of critical deficiencies including walls pulling away from the roof, no fire protection systems, missing proper ventilation in work areas, lack of HAZMAT storage, and exposed electrical wires. In addition, the facilities are in violation of the Americans with Disabilities Act (ADA) by not having any handicap accessibility and ATRP standoff distances cannot be achieved.

The utility, mechanical, and IT systems associated with these buildings are also in poor condition and all systems need to be updated. Current facilities do not meet NG Pam 415-12. They only have approximately 50% or authorized space, cannot service MTOE equipment in workbays because of height clearance, and have no lift capabilities. Facilities are lacking authorized general purpose workbay space, specialty workbays, administrative

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION  N. Riverside (NG Maint Center), RPSUID: 6345 Illinois			4. PROJECT TITLE  NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21407	7. PROJECT NUMBER  85415 170077	8. PROJECT COST (\$000)  Approp 24,000		
<u>CURRENT SITUATION: (CONTINUED)</u>					
space, locker rooms, storage space, and latrines/showers especially for women.					
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the units' readiness and other major end items will be adversely affected due to having inadequate capability of providing maintenance support in the Northern part of the State. In addition, maintenance personnel will continue to perform their mission in unsafe conditions by working outside because of height restrictions of the bays and having no lift capabilities. In addition, maintenance personnel are unable to conduct parts of their mission because they do not have the specialty bays and/or the equipment necessary. This will affect the overall readiness of the Illinois Army National Guard as the units could become a non-mobilization asset and unable to perform Homeland Security missions due to the poor equipment conditions. O&M costs will remain excessive in maintaining the vintage facilities and performing required updates to accommodate newer, larger and more sophisticated equipment than what the facilities were originally designed for. Retention of highly skilled mechanics and Soldiers will become more difficult over time as the facilities continue to degrade causing a declining quality of the workplace.					
<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.					
<u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.					
<u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.					
<u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.					
<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.					
Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.					

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA		2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION N. Riverside (NG Maint Center), RPSUID: 6345 Illinois			4. PROJECT TITLE  NATIONAL GUARD VEHICLE MAINTENANCE SHOP		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  21407	7. PROJECT NUMBER 85415 170077		8. PROJECT COST (\$000) Approp 24,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2021
(b) Percent Complete as of January 2023.....	35
(c) Date 35% Designed.....	JAN 2023
(d) Date Design Complete.....	OCT 2023
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	966
(b) All Other Design Costs.....	548
(c) Total Design Cost.....	1,514
(d) Contract.....	1,514
(e) In-house.....	0

(4) Construction Contract Award..... MAR 2024

(5) Construction Start..... APR 2024

(6) Construction Completion..... APR 2026

1. COMPONENT ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MARCH 2023
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3. INSTALLATION AND LOCATION N. Riverside (NG Maint Center), RPSUID: 6345 Illinois	4. PROJECT TITLE NATIONAL GUARD VEHICLE MAINTENANCE SHOP
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 85415 170077	8. PROJECT COST (\$000) Approp 24,000
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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	2025	875
Info Sys - ISC	OPA	2025	100
Info Sys - PROP	OMNG	2025	227
		Total	<u>1,202</u>

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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023					
3. INSTALLATION AND LOCATION Bellefonaine, RPSUID: 192639 Missouri		4. AREA CONSTRUCTION COST INDEX .97					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Bridgeton, MO	3.00 miles Readiness Center					
ARNG	Jefferson Barracks,	25.00 miles Readiness Center					
ARNG	Warrenton, MO	43.00 miles Readiness Center					
		3,437 m2 (36,998 SF) 1980					
		12,600 m2 (135,630 SF) 2010					
		1,547 m2 (16,651 SF) 1958					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY	<u>PROJECT TITLE</u>	COST					
<u>CODE</u>	NATIONAL GUARD	<u>DESIGN STATUS</u>					
	<u>SCOPE</u>	<u>START</u>					
17180	READINESS CENTER	28,000					
	6,910 m2 (74,375 SF)	OCT 2021					
		OCT 2023					
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES		26 APR 2019					
FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE		(Date)					
UNILATERAL CONSTRUCTION.							
9. LAND ACQUISITION REQUIRED							
None		0					
		(Number of acres)					
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		COST					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
NONE							
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 10 DEC 2019							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	10	0	10	0	300	18	282
ACTUAL	10	0	10	0	322	18	304
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
(CO SPT MAINT CO)	WQCOAA	34318	43433KNG08	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
(CO CBRN CO (AS) (RECA)	WP6VAA	30398	03413KNG01	152	175		
				148	147		
				300	322		
				Assigned/Authorized: 107%			
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>					
WHEELED	118	118					
TRAILERS	128	128					
TRACKED	0	0					
EQUIPMENT > 30 FT	10	10					
Fuel Truck	11	11					
HET	0	0					
TOTALS	267	267					

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023						
3. INSTALLATION AND LOCATION Bellefonaine, RPSUID: 192639 Missouri		4. AREA CONSTRUCTION INSNO= 29C78 COST INDEX .97						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Bellefonaine, RPSUID: 192639 Missouri				4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180	7. PROJECT NUMBER 88251 290179		8. PROJECT COST (\$000)  Approp 28,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						28,017
17180 Readiness Center		m2 (SF)	6,121 ( 65,882)		3,780	(23,134)
44224 Unheated Storage Building		m2 (SF)	884.53 ( 9,521)		3,714	(3,285)
81160 Backup/Emergency Generator		EA	1 --		272,646	(273)
85210 Rigid Pavement for MEP		m2 (SY)	7,462 ( 8,925)		104.41	(779)
Sustainability/Energy Measures		LS	--		--	(546)
SUPPORTING FACILITIES						5,478
Electric Service		LS	--		--	(47)
Water, Sewer, Gas		LS	--		--	(154)
Paving, Walks, Curbs And Gutters		LS	--		--	(647)
Storm Drainage		LS	--		--	(29)
Site Imp(4,178) Demo( )		LS	--		--	(4,178)
Information Systems		LS	--		--	(44)
Antiterrorism Measures		LS	--		--	(197)
Other		LS	--		--	(182)
ESTIMATED CONTRACT COST						33,495
CONTINGENCY (5.00%)						1,675
SUBTOTAL						35,170
SUPV, INSP & OVERHEAD (6.15%)						2,163
TOTAL REQUEST						37,333
State Share						9,333
TOTAL FEDERAL REQUEST						28,000
TOTAL FEDERAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						(1,853)
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). 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 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 69,868 SQFT. Disposal of 1 building at MTA Camp Crowder Neosho, MO (Total 7 m2/80 SF), 3 buildings at Kings Highway, MO (Total 3,600 m2/38,751 SF), 1 building at MTA Camp Clark Nevada, MO (Total 59 m2/640 SF), and 3 buildings at St Peters Readiness Center, MO (Total 2,872 m2/30,915 SF). Air Conditioning (Estimated 823 kW/234 Tons).						
11. REQ:		6,910 m2	ADQT:		NONE	SUBSTD: NONE

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE  MARCH 2023																			
3. INSTALLATION AND LOCATION Bellefonaine, RPSUID: 192639 Missouri				4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER																					
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180		7. PROJECT NUMBER 88251 290179		8. PROJECT COST (\$000) Approp 28,000																			
<p><u>PROJECT:</u> To construct a 74,375 SQFT National Guard Readiness Center that supports individual and collective training, administrative, automation and communications, and logistical requirements for the MOARNG. This facility will be built on Federal Land. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is designed to meet the space criteria as outlined in NG Pam 415-12 for the 3175th Chemical Co WP6VAA and the 1035th Maintenance WQC0AA. The existing facility is space within an industrial park environment of the Lambert Air Guard near the St Louis Lambert Airport. These facilities have been temporary licensed over the past 5 years. The current facilities lack adequate space for administrative functions, latrines, showers, mess facilities, and classrooms. The existing facilities provides no area for weapons or sensitive items storage and has no fenced military vehicle parking space. Weapons are stored in other buildings on site while vehicles are stored at another location nearly 15 miles away.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Missouri due to the current situation of the units occupies temporary licensed space within Lambert Air Guard property. This current space represents only 60% of the units total requirement leaving a 40% deficit in facilities and storage. These facilities lack the following basic required space for a typical National Guard unit; adequate toilet/showers, food prep area, classroom space, arms vault, unit level maintenance space and military vehicle and equipment parking. This facility is not easily accessible to the public.</p> <p>State owned and State Accountable. The underlying land of the planned location is owned by the State of Missouri.</p> <p>Currently, the state of Missouri has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1960.</p> <table border="1"> <thead> <tr> <th>Site Code</th> <th>Site UID</th> <th>Cat Code</th> <th>FACNO</th> <th>ISR-I Year</th> <th>F Rating</th> <th>Q Rating</th> <th>C Rating</th> <th>Local Name</th> </tr> </thead> <tbody> <tr> <td>29C78</td> <td>2472</td> <td>17180</td> <td>00233</td> <td>2017</td> <td>F4</td> <td>Q4</td> <td>C3</td> <td>St. Louis</td> </tr> </tbody> </table> <p>Existing building is greatly short space and does not comply with current NG Pam 415-12 criteria.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this building is not provided gross deficiencies in space and storage foster an unfavorable environment for equipment security and accountability as well as jeopardize effective unit function to maintain strength and readiness. Units are currently using multiple under sized buildings to do vehicle repairs and unit operations with no AT/FP standoff. MOV and POV parking is very limited with some MVC offsite causing additional travel and lost man hours. Delays in the funding of this project will force the continued use of an inadequate, undersized facility and foster financial irresponsibility to continue to support inadequate space.</p> <p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices,</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	29C78	2472	17180	00233	2017	F4	Q4	C3	St. Louis
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name																	
29C78	2472	17180	00233	2017	F4	Q4	C3	St. Louis																	

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION Bellefonaine, RPSUID: 192639 Missouri	4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER 88251 290179	8. PROJECT COST (\$000)  Approp 28,000
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ADDITIONAL: (CONTINUED)  
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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:	
(1) Status:	
(a) Design Start Date.....	OCT 2021
(b) Percent Complete as of January 2023.....	<u>65</u>
(c) Date 35% Designed.....	<u>JUN 2022</u>
(d) Date Design Complete.....	<u>OCT 2023</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:	

1. COMPONENT ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MARCH 2023
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3. INSTALLATION AND LOCATION Bellefonaine, RPSUID: 192639 Missouri	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 88251 290179	8. PROJECT COST (\$000) Approp 28,000
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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.....	1,093
(b) All Other Design Costs.....	619
(c) Total Design Cost.....	1,712
(d) Contract.....	1,712
(e) In-house.....	0
(4) Construction Contract Award.....	JAN 2024
(5) Construction Start.....	APR 2024
(6) Construction Completion.....	OCT 2026

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	2025	977
Kitchen Equipment (Type C)	OMNG	2025	49
ESS (171R)	OPA	2025	56
Info Sys - ISC	OPA	2025	360
Info Sys - PROP	OMNG	2025	411
		Total	1,853

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023					
3. INSTALLATION AND LOCATION Littleton, RPSUID: 5922 New Hampshire		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	Lancaster, NH	30.00 miles Readiness Center	1,247 m2	(13,426 SF)	1955		
ARNG	Plymouth, NH	40.00 miles Readiness Center	1,350 m2	(14,536 SF)	1955		
ARNG	Berlin, NH	60.00 miles Readiness Center	1,952 m2	(21,016 SF)	1955		
ARNG	Lebanon, NH	75.00 miles Readiness Center	1,055 m2	(11,359 SF)	1955		
ARNG	Concord, NH	86.00 miles Readiness Center	3,233 m2	(34,797 SF)	1961		
ARNG	Center Strafford, NH	99.00 miles Training Center	1,516 m2	(16,315 SF)	1985		
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>		
21407	National Guard Vehicle Ma	2,957 m2 (31,828 SF)	23,000	MAR 2021	OCT 2023		
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.				04 MAR 2020 (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							
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 01 MAY 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	19	0	0	19	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>	<u>MTOE/TDA</u>	STRENGTH			
				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
FMS 02 (EQP NH ARNG FLD MAINT)	W8SN02			0	0		
				0	0		
				Assigned/Authorized: 0%			

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Littleton, RPSUID: 5922 New Hampshire		4. AREA CONSTRUCTION INSNO= 33A55 COST INDEX 1.08
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	67	0
TRAILERS	55	1
TRACKED	0	0
EQUIPMENT > 30 FT	1	0
Fuel Truck	0	0
HET	0	0
TOTALS	123	1
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION  Littleton, RPSUID: 5922 New Hampshire				4. PROJECT TITLE  National Guard Vehicle Maintenance Shop ADD/ALT		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  21407	7. PROJECT NUMBER  88254 330022		8. PROJECT COST (\$000)  Approp 23,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						19,608
44263 Unheated Encl/Shed-TP Vhcl Strg		m2 (SF)	538.09 ( 5,792)		3,229	(1,738)
21407 Maintenance Shop Addition		m2 (SF)	2,183 ( 23,494)		7,813	(17,053)
21407 Maintenance Shop Alteration		m2 (SF)	295.99 ( 3,186)		1,776	(526)
44224 Enclosed Unheated Storage Additi		m2 (SF)	143.07 ( 1,540)		1,884	(270)
85210 Gravel Pavement for MEP		m2 (SY)	276.76 ( 331)		66.97	(19)
Total from Continuation page(s)						(2)
SUPPORTING FACILITIES						1,001
Paving, Walks, Curbs And Gutters		LS	--		--	(931)
Information Systems		LS	--		--	(9)
Antiterrorism Measures		LS	--		--	(61)
ESTIMATED CONTRACT COST						20,607
CONTINGENCY (5.00%)						1,030
SUBTOTAL						21,637
SUPV, INSP & OVERHEAD (6.25%)						1,352
TOTAL REQUEST						22,989
TOTAL FEDERAL REQUEST						22,989
TOTAL FEDERAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						(2,509)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop Addition and alteration of permanent construction. The National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility; Organizational Vehicle Parking (paved), Controlled Waste Facility, Flammable Materials Facility, Bulk POL Storage, unheated and enclosed vehicle storage building, enclosed unheated storage building, and rigid pavement for military equipment parking, photovoltaic electric power, and geothermal heating plant. Comprehensive interior design services are requested. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2017. Access for individuals. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 28,931 SQFT. Disposal of 1 building at National Guard Training Site, NH (Total 101 m2/1,090 SF), 4 buildings at Littleton Readiness Center, NH (Total 2,308 m2/24,841 SF), and 1 building at						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION  Littleton, RPSUID: 5922 New Hampshire				4. PROJECT TITLE  National Guard Vehicle Maintenance Shop ADD/ALT		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  21407	7. PROJECT NUMBER  88254 330022		8. PROJECT COST (\$000)  Approp 23,000	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)						
82187 Heating Plant, Geothermal		LS	--	--	(1)	
Sustainability/Energy Measures		LS	--	--	(1)	
				Total	2	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
Woodsville Readiness Center, NH (Total 279 m2/3,000 SF). Air Conditioning (Estimated 81 kW/23 Tons).						
11. REQ: 3,160 m2		ADQT: 347 m2		SUBSTD: 296 m2		
<p><u>PROJECT:</u> To provide 34,012 SQFT National Guard Vehicle Maintenance Shop by new construction that supports surface maintenance logistical requirements for the NH ARNG. The underlying land of the planned location is owned by the State of New Hampshire.(Current Mission) (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is designed to meet DA directed MTOE changes for the listed units'; A Co 3/197th FA BN HiMARS (WP3BA0), HHB 3/197th FA BN HiMARS (WP3BT0), and provide maintenance and repair of military vehicles. No other adequate facilities are available to support the maintenance requirement of these units. The National Guard Vehicle Maintenance Shop will provide full time ARNG technicians the ability to conduct training and or repair military equipment in a modern, safe, shop that meets NGB criteria.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of New Hampshire due to the current situation of FMS failure to meet requirement due to its capacity. Current facility has only 26% of space required with a deficiency of 19,379 SF. The age of this facility, with today's mission requirements, are not being met at this facility alone, work bays are too small with egress space is not met. Not having a shop capable of servicing and maintaining the size and type of equipment of supported units in a safe and secure environment. Present facility jeopardizes mission, lives and equipment. Training opportunities will be lost and preventative maintenance delayed. Facility 33A55-00001 &amp; 00003 will be partially (3,917 SQFT) demolished during construction.</p> <p>The site for this project is in the possession of the state of New Hampshire.</p> <p>Currently, the state of New Hampshire has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1979.</p> <p>7 RAC II - C - A hazard severity finding of CRITICAL, and a probability of Occasional, due to "Major" property loss and mission failure due to lack of preventive maintenance</p>						

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Littleton, RPSUID: 5922 New Hampshire	4. PROJECT TITLE  National Guard Vehicle Maintenance Shop ADD/ALT
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21407	7. PROJECT NUMBER  88254 330022	8. PROJECT COST (\$000)  Approp 23,000
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CURRENT SITUATION: (CONTINUED)  
and improper storage. Accident probability is "Possible" subjecting workers to "Moderate" loss of health and well-being as a result of lacking safety walkways and egress, railings, lead exposure, improper lighting, excessive noise levels and improper ventilation.

Life/Health/Safety issues at current facility as noted by Industrial hygiene evaluation on file. #1) Poor lighting RP-1-2004, American National Standards Institute / Illuminating Engineering Society of North America (ANSI/IESNA) and RP-7-2001, ANSI/IESNA Lighting. #2) Lead exposure OSHA Lead in General Industry Standard, 29 CFR 1910.1025 #3) Mold. Guidelines on Assessment and Remediation of Fungi in Indoor Environments, New York City Department of Health and Mental Hygiene, November 2008 and Mold Remediation in Schools, Commercial Buildings, U.S. Environmental Protection Agency, March 2001, and Army Facilities Management Information Document on Mold Remediation Issues TG277, February 2002 #4) Noise exposure exceeded (DA PAM) 40-501, Medical Service, Hearing Conservation Program, December 10, 1998 and OSHA Occupational Noise Exposure 29 CFR 1910.95 #5) Ventilation system failure Industrial Ventilation - A Manual of Recommended Practice for Design, American Conference of Governmental Industrial Hygienists (ACGIH), 27th edition. #6) Battery vapors. Unified Facilities Criteria 3-410-01 FA Heating, Ventilating, and Air Conditioning, 15 May 2003

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
33A55	5922	21407	00003	2018	F3	Q4	C4	FMS # 2

The following items are a description of Federal State and local code violations; Faulty wiring by use of Romex cable. Lacking hand and safety rails. Insufficient lighting. No Air Conditioning. No ADA ramps. Out of date fire protection.

The current facilities do not comply with NG Pam 415-12 dated 1 June 2011 criteria and allowances. Lacking spaces include; training, administrative, supply room, tool storage, toilets/showers, locker room, privately owned vehicle parking, military parking and unheated storage space. Installation Status Report (ISR) notes failing ratings Mission and Quality.

IMPACT IF NOT PROVIDED: If this project is not provided routine maintenance on MTOE equipment cannot be supported. The existing facility's space deficiencies will continue to adversely impact or prevent Level 2 maintenance forcing units to train without their assigned equipment. Lack of Unit Readiness is severely detrimental to their ability to operate within the ARFORGEN cycle and be prepared to deploy at the required level of training. Minimum Life Health Safety standards regarding noise, safety walkways and egress will not be achieved. Parking areas will remain overcrowded, limiting Unit drop offs and not providing proper spill containment or regionally required covered storage causing additional damage to the equipment and the environment. These deficiencies are impacting troop morale due to their inability to train properly. The ability for the Recruiting and Retention Staff to enlist Soldiers is negatively influenced by the haggard public image presented by the facilities. 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. Operational shortcomings will continue to be conducted off site at the NHARNG's only CSMS, further burdening their workload and



1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Littleton, RPSUID: 5922 New Hampshire	4. PROJECT TITLE  National Guard Vehicle Maintenance Shop ADD/ALT
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21407	7. PROJECT NUMBER  88254 330022	8. PROJECT COST (\$000)  Approp 23,000
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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.....	731
(b) All Other Design Costs.....	414
(c) Total Design Cost.....	1,145
(d) Contract.....	1,145
(e) In-house.....	0

(4) Construction Contract Award..... OCT 2023

(5) Construction Start..... DEC 2023

(6) Construction Completion..... OCT 2025

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>
FF&E	OMNG	2025	1,150
Kitchen Equip (type C)	OMNG	2025	50
ESS (214L)	OPA	2025	1,031
Info Sys - ISC	OPA	2025	57
Info Sys - PROP	OMNG	2025	221
		Total	2,509

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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023					
3. INSTALLATION AND LOCATION Rio Rancho TS, RPSUID: 7010 New Mexico		4. AREA CONSTRUCTION COST INDEX .90					
5. FREQUENCY AND TYPE OF UTILIZATION Maintenance operations full time 5 days/week and 1 weekend/month for IDT Units. Reservists 1 weekends/month							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ANG	Kirtland AFB, NM 24.00 miles Base	929,030 m2 (9,999,999 SF) 1940					
ARNG	Albuquerque, NM 21.00 miles Readiness Center	6,879 m2 (74,044 SF) 1963					
ARNG	Santa Fe, NM 58.00 miles Readiness Center	14,791 m2 (159,210 SF) 1992					
ARNG	Grants, NM 89.00 miles Readiness Center	1,931 m2 (20,783 SF) 1991					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY	<u>PROJECT TITLE</u>	COST					
<u>CODE</u>	<u>SCOPE</u>	<u>DESIGN STATUS</u>					
21407	National Guard Vehicle Ma 1,260 m2 (13,559 SF)	(\$000) 11,000 OCT 2021 DEC 2023					
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>10 JUN 2021</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):		9,600					
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 05 DEC 2021							
	<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	56	0	0	56	0	0	0
ACTUAL	34	0	0	34	0	0	0
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
FMS 1A (EQP NM ARNG FLD MAINT)	W8SQ04			<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				0	0		
				0	0		
				0	0		
Assigned/Authorized:							0%

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Rio Rancho TS, RPSUID: 7010 New Mexico		4. AREA CONSTRUCTION INSNO= 35B43 COST INDEX .90
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	289	0
TRAILERS	313	0
TRACKED	0	0
EQUIPMENT > 30 FT	63	0
Fuel Truck	6	0
HET	0	0
TOTALS	671	0
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Rio Rancho TS, RPSUID: 7010 New Mexico				4. PROJECT TITLE National Guard Vehicle Maintenance Shop Addition		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 86635 350104		8. PROJECT COST (\$000) Approp 11,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						7,794
21407 Maintenance Shop Addition		m2 (SF)	1,048 ( 11,281)		6,178	(6,475)
21470 Bulk POL Storage Addition		m2 (SF)	56.21 ( 605)		2,906	(163)
44240 Flammable Materials Facility Add		m2 (SF)	30.66 ( 330)		3,229	(99)
44228 Controlled Waste Facility Additi		m2 (SF)	30.66 ( 330)		2,938	(90)
85210 Rigid Pavement for MEP		m2 (SY)	3,386 ( 4,050)		150.70	(510)
Total from Continuation page(s)						(457)
SUPPORTING FACILITIES						2,335
Electric Service		LS	--		--	(45)
Water, Sewer, Gas		LS	--		--	(130)
Paving, Walks, Curbs And Gutters		LS	--		--	(608)
Storm Drainage		LS	--		--	(81)
Site Imp(262) Demo( )		LS	--		--	(262)
Information Systems		LS	--		--	(32)
Antiterrorism Measures		LS	--		--	(127)
Other		LS	--		--	(1,050)
ESTIMATED CONTRACT COST						10,129
CONTINGENCY (5.00%)						506
SUBTOTAL						10,635
SUPV, INSP & OVERHEAD (3.43%)						365
TOTAL REQUEST						11,000
TOTAL FEDERAL REQUEST						11,000
TOTAL FEDERAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						(1,472)
10. Description of Proposed Construction A specially designed National Guard Vehicle Maintenance Shop of permanent construction. The National Guard Vehicle Maintenance Shop will include: Detached Enclosed Wash Bay, Detached Unheated Storage, Bulk POL Storage, Flammable Materials Storage, Controlled Waste Handling, and Organizational Parking. Comprehensive interior design will be included in 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.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 DoDs Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 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 22,217 SQFT. Disposal of 1 building at Central Readiness Center, NM (Total 2,064 m2/22,217 SF). Air Conditioning (Estimated 183 kW/52 Tons).						
11. REQ: 1,260 m2		ADQT: 2,259 m2		SUBSTD: 2,205 m2		

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Rio Rancho TS, RPSUID: 7010 New Mexico	4. PROJECT TITLE  National Guard Vehicle Maintenance Shop Addition
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21407	7. PROJECT NUMBER  86635 350104	8. PROJECT COST (\$000)  Approp 11,000
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
44224 Organization Storage Bldg	m2 (SF)	94.11 ( 1,013)	3,229	(304)
Sustainability/Energy Measures	LS	--	--	(153)
			Total	457

PROJECT: To construct a 13,559 SQFT National Guard Vehicle Maintenance Shop Addition that supports both organizational and support maintenance shops to repair combat and tactical vehicle requirements for the NMARNG. The underlying land of the planned location is owned by the State of New Mexico. (Current Mission)

REQUIREMENT: This facility is designed to meet the authorized space and functional requirements of NMARNG Field Maintenance, FMS#3 (UIC:W8SQ04). Additionally, the facility and its personnel support the 111th Sustainment BDE (WPOSAA), 1209th Area Support Medical Detachment (WP6AAA), 3631st Signal Co. (WPDLAA), Det 1, 642 CRC (WPFPA1), A CO, 1-200th Infantry (WPBKA0), B CO, 1-200th Infantry (WPBKB0), Det.1, C CO. 1-200th Infantry RGT (WPSKCL), 64th CST (W7MHAA)

CURRENT SITUATION: This project is critical to the state of NM due to the current situation of two Field Maintenance Shops being combined in order to be positioned in a location that is less city/population-dense and safer to maneuver large equipment and vehicles. This provides a severe lack of available space to ensure equipment mission readiness. This facility will continue to be 54% deficient if this project is not funded.

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

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

The facility where the current operations are being conducted was constructed in 1994.

The current facilities have a Risk Assessment Code (RAC) of "Critical". This was arrived at through a Hazard Severity Code of "I-Catastrophic" for the potential loss of a facility due to undue strain and premature wear and tear on facility. The Accident Probability Code associated with this hazard was judged to be "B-Probable" due to the facility age and current condition.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
35B43	7010	21407	OM07	2020	F3	Q3	C4	

IMPACT IF NOT PROVIDED: If this project is not provided the present facility's lack of adequate space will reduce maintenance efficiency, thereby creating a slow turn-around in getting properly maintained vehicles back to their owning Units. This can have an adverse reaction on the supported units ability to properly train and maintain readiness.

While the FMS meets the minimum standards to conduct the work, the volume was not intended in its original design. This is placing an undue amount of strain on the

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Rio Rancho TS, RPSUID: 7010 New Mexico				4. PROJECT TITLE National Guard Vehicle Maintenance Shop Addition		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  21407	7. PROJECT NUMBER 86635 350104		8. PROJECT COST (\$000)  Approp 11,000	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>building systems and equipment, which has the potential of causing premature wear, resulting in increased O&amp;M costs and the increased maintenance or replacement of equipment.</p> <p>This facility has the highest deficit ratio of existing versus requirement of any NMARNG FMS in use. Forcing NMARNG personnel to work in undersized and substandard conditions has the potential of adversely affecting unit retention.</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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.</p>						
12. SUPPLEMENTAL DATA:						
A. Estimated Design Data:						
(1) Status:						
(a) Design Start Date.....					OCT 2021	
(b) Percent Complete as of January 2023.....					15	

1. COMPONENT ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MARCH 2023
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3. INSTALLATION AND LOCATION Rio Rancho TS, RPSUID: 7010 New Mexico	4. PROJECT TITLE National Guard Vehicle Maintenance Shop Addition
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 86635 350104	8. PROJECT COST (\$000) Approp 11,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(c) Date 35% Designed.....	JUN 2023
(d) Date Design Complete.....	DEC 2023
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

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

(4) Construction Contract Award..... JAN 2024

(5) Construction Start..... MAR 2024

(6) Construction Completion..... MAR 2026

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	2025	550
ESS (214L)	OPA	2025	679
Info Sys - ISC	OPA	2025	40
Info Sys - PROP	OMNG	2025	203
		Total	1,472



1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Camp Perry Joint Training Center, RPSUID: 4280      INSNO= 39D75 Ohio		4. AREA CONSTRUCTION COST INDEX .93
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	144	145
TRAILERS	56	54
TRACKED	7	7
EQUIPMENT > 30 FT	140	140
Fuel Truck	3	3
HET	0	0
TOTALS	350	349
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Camp Perry Joint Training Center, RPSUID: 4280 Ohio				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85496 390214		8. PROJECT COST (\$000) Approp 19,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						20,371
17180 Readiness Center		m2 (SF)	5,021 ( 54,041)		3,498	(17,563)
44224 Unheated Storage Building		m2 (SF)	470.09 ( 5,060)		2,368	(1,113)
81160 Backup/Emergency Generator		EA	1 --		335,000	(335)
85210 Rigid Pavement for MEP		m2 (SY)	9,929 ( 11,875)		71.76	(713)
88042 Enhanced AT/FP		LS	--		--	(251)
Sustainability/Energy Measures		LS	--		--	(396)
SUPPORTING FACILITIES						3,429
Electric Service		LS	--		--	(97)
Water, Sewer, Gas		LS	--		--	(348)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,607)
Storm Drainage		LS	--		--	(195)
Site Imp(606) Demo( )		LS	--		--	(606)
Information Systems		LS	--		--	(206)
Antiterrorism Measures		LS	--		--	(284)
Other		LS	--		--	(86)
ESTIMATED CONTRACT COST						23,800
CONTINGENCY (5.00%)						1,190
SUBTOTAL						24,990
SUPV, INSP & OVERHEAD (2.44%)						610
TOTAL REQUEST						25,600
State Share						6,400
TOTAL FEDERAL REQUEST						19,200
TOTAL FEDERAL REQUEST (ROUNDED)						19,200
INSTALLED EQT-OTHER APPROP						(1,640)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Unheated Storage Building. 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 64,929 SQFT. Disposal of 1 building at Camp James A Garfield JMTC, OH (Total 3,408 m2/36,684 SF), and 3 buildings at St Marys Readiness Center, OH (Total 2,624 m2/28,245 SF). Air Conditioning (Estimated 637 kW/181 Tons).						
11. REQ: 5,491 m2		ADQT: NONE		SUBSTD: NONE		NONE

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION  Camp Perry Joint Training Center, RPSUID: 4280 Ohio			4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER	
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  85496 390214	8. PROJECT COST (\$000)  Approp 19,200	
<p><u>PROJECT:</u> To construct a 59,102 SQFT National Guard Readiness Center (Site Code 39D75) that supports individual and collective training, administrative, automation and communications, and logistical requirements for the OHARNG. This facility will be built on the State of Ohio Military Installation known as Camp Perry in Port Clinton. (Current Mission). (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is designed to meet DA directed MTOE changes for the listed units authorized Soldiers, 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: 945 Engineer Company (Engineer Support Company), D/1-148th Infantry RGT, and 1483rd Transportation Company. This facility will provide the necessary support for individual and collective training, administrative, automation and communications, and logistical requirements for the OHARNG. 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.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Ohio due to the facilities currently supporting this mission at Norwalk, Sandusky, and Tiffin are beyond their expected life cycle of 50 years and do not comply with current 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 existing facilities are deficient by 56% in functional areas that include administrative space, storage space, latrines and parking. The combined annual operating cost of the currently occupied facilities is in excess of \$100,000 per year.</p> <p>State owned and State Accountable. The underlying land of the planned location is owned by the State of Ohio.</p> <p>Currently, the state of Ohio has initiated the environmental assessment on this project.</p> <p>The facilities where the current operations are being conducted was constructed in 1954, 1960, and 1961.</p> <p>At all three locations; Norwalk, Sandusky and Tiffin: the Risk Assessment Code (RAC) severity score for these facilities is critical. This score is based off the likely probability of risk. Hazards include exposure to lead which exceeds the 200 micrograms per square. Anti-Terrorism Force Protection measures for standoff distances and vehicle access prevention are not met which could result in catastrophic damage to buildings and personnel.</p> <p>Presence of lead identified in the facilities is excess of 200 micrograms per square foot. Emergency egress routes are not protected by fire rated materials. Lack of authorized storage facilities create storage overflow into circulation space, further impacting emergency exits.</p> <p>The age and condition of these facilities drives the requirement for increased maintenance costs. Additionally, bringing the facilities to standard through renovation would result in excessive cost.</p>				

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE  MARCH 2023																																					
3. INSTALLATION AND LOCATION Camp Perry Joint Training Center, RPSUID: 4280 Ohio				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER																																							
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180		7. PROJECT NUMBER 85496 390214		8. PROJECT COST (\$000)  Approp 19,200																																					
<u>CURRENT SITUATION: (CONTINUED)</u>																																											
<p>At this time, leadership doesn't want to tie this project to the three current facilities due to the ever changing situation with Force Structure. After this facility is constructed, leadership will action the disposals through the state process.</p> <table border="1"> <thead> <tr> <th>Site Code</th> <th>Site UID</th> <th>Cat Code</th> <th>FACNO</th> <th>ISR-I Year</th> <th>F Rating</th> <th>Q Rating</th> <th>C Rating</th> <th>Local Name</th> </tr> </thead> <tbody> <tr> <td>39D45</td> <td>6575</td> <td>17180</td> <td>00001</td> <td>2020</td> <td>F4</td> <td>Q4</td> <td>C4</td> <td>Norwalk</td> </tr> <tr> <td>39D95</td> <td>7163</td> <td>17180</td> <td>00001</td> <td>2017</td> <td>F4</td> <td>Q4</td> <td>C4</td> <td>Sandusky</td> </tr> <tr> <td>39E35</td> <td>7551</td> <td>17180</td> <td>00001</td> <td>2017</td> <td>F4</td> <td>Q3</td> <td>C4</td> <td>Tiffin</td> </tr> </tbody> </table> <p>Current facilities violate current code because lack of fire suppression systems.</p> <p>Current facilities are only 44,394 SQFT, resulting in a deficit of significant space requirements. Facilities are beyond their expected life cycle of 50 years. Facilities do not have ADA compliant entrances or bathroom facilities. Facilities and supporting facilities do not meet Anti-Terrorism Force Protection measures for standoff distances, blast protection, vehicle approach prevention, access control, security lighting, and video surveillance. Facilities do not have any female locker room, shower or bathroom space. Facilities do not have adequate classroom space for training needs of Soldiers.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The units' ability to meet their readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of inadequate facilities and increase the SRM backlog and annual operating costs. 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.</p> <p><u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.</p> <p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p> <p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	39D45	6575	17180	00001	2020	F4	Q4	C4	Norwalk	39D95	7163	17180	00001	2017	F4	Q4	C4	Sandusky	39E35	7551	17180	00001	2017	F4	Q3	C4	Tiffin
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name																																			
39D45	6575	17180	00001	2020	F4	Q4	C4	Norwalk																																			
39D95	7163	17180	00001	2017	F4	Q4	C4	Sandusky																																			
39E35	7551	17180	00001	2017	F4	Q3	C4	Tiffin																																			

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION Camp Perry Joint Training Center, RPSUID: 4280 Ohio	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85496 390214	8. PROJECT COST (\$000) Approp 19,200
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ADDITIONAL: (CONTINUED)  
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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.

The property is located within a 100 year Flood Plain. A study is currently being conducted in support of a Flood Plain Waiver, which is expected to be approved. The project does not encroach upon wetlands. Decisions will be reflected in the REC.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2021
(b) Percent Complete as of January 2023.....	15
(c) Date 35% Designed.....	JUN 2023
(d) Date Design Complete.....	DEC 2023
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	1,082
(b) All Other Design Costs.....	613
(c) Total Design Cost.....	1,695
(d) Contract.....	1,695
(e) In-house.....	0

(4) Construction Contract Award..... JAN 2024

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION Camp Perry Joint Training Center, RPSUID: 4280 Ohio	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 85496 390214	8. PROJECT COST (\$000) Approp 19,200
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(5) Construction Start.....	MAR 2024
(6) Construction Completion.....	MAR 2026

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	2025	980
ESS (171R)	OPA	2025	55
Info Sys - ISC	OPA	2025	306
Info Sys - PROP	OMNG	2025	299
		Total	1,640

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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Washington County Readiness Center, RPSUID: 170716 Oregon		4. AREA CONSTRUCTION INSNO= 41A87 COST INDEX 1.08
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	48	48
TRAILERS	26	26
TRACKED	0	0
EQUIPMENT > 30 FT	6	6
Fuel Truck	0	0
HET	0	0
TOTALS	80	80
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION  Washington County Readiness Center, RPSUID: 170716 Oregon				4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180	7. PROJECT NUMBER  85503 410093		8. PROJECT COST (\$000)  Approp 26,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						22,870
17180 Readiness Center		m2 (SF)	5,262 ( 56,636)		3,914	(20,596)
44262 Unheated Encl/Shed-TP Vhcl Strg		m2 (SF)	2,318 ( 24,948)		581.25	(1,347)
81160 Backup/Emergency Generator		EA	1 --		153,000	(153)
85210 Rigid Pavement for MEP		m2 (SY)	1,194 ( 1,428)		121.99	(146)
Sustainability/Energy Measures		LS	--		--	(448)
Antiterrorism Measures		LS	--		--	(180)
SUPPORTING FACILITIES						2,903
Electric Service		LS	--		--	(80)
Water, Sewer, Gas		LS	--		--	(260)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,230)
Storm Drainage		LS	--		--	(144)
Site Imp(686) Demo( )		LS	--		--	(686)
Information Systems		LS	--		--	(7)
Antiterrorism Measures		LS	--		--	(311)
Other		LS	--		--	(185)
ESTIMATED CONTRACT COST						25,773
CONTINGENCY (5.00%)						1,289
SUBTOTAL						27,062
SUPV, INSP & OVERHEAD (3.71%)						1,004
DESIGN/BUILD-DESIGN COST (4.00%)						1,082
TOTAL REQUEST						29,148
State Share						3,148
TOTAL FEDERAL REQUEST						26,000
TOTAL FEDERAL REQUEST (ROUNDED)						26,000
INSTALLED EQT-OTHER APPROP						(2,255)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), and Unheated Vehicle Storage Shed. 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 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. Facility 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 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 83,238 SQFT. Disposal of 1 building at Pang Base Enclave, OR (Total 555 m2/5,972 SF), 1 building at Cottage Grove Readiness Center, OR (Total 3,076 m2/33,112 SF), 2 buildings at Umatilla Depot, OR (Total 3,242 m2/34,900 SF), and 1 building at Hillsboro Readiness Center, OR (Total 1,415 m2/15,226						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE  MARCH 2023		
3. INSTALLATION AND LOCATION Washington County Readiness Center, RPSUID: 170716 Oregon				4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER				
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180		7. PROJECT NUMBER 85503 410093		8. PROJECT COST (\$000) Approp 26,000		
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) SF). Air Conditioning (Estimated 633 kW/180 Tons).								
11. REQ: 7,579 m2		ADQT: NONE		SUBSTD: NONE				
<p><u>PROJECT:</u> To construct an 81,584 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the ORARNG. The underlying land of the planned location is owned by the State of Oregon. (Current Mission)</p> <p><u>REQUIREMENT:</u> This facility is designed to meet DA directed MTOE change for D Co 2-162, and the newly formed C Battery, 2-128 FA within the transformed force structure of the Oregon National Guard. This building will provide a modern, state of the art facility to promote unit readiness, training and unit administration. C Battery 2-128 FA is a new mission, D Co 2-162 was housed in a leased 15,222 SF facility built in 1954. The lease expired in 2020 and was not renewed by the City.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Oregon due to the current situation of the building Co. D occupied was a leased building that the lease was not renewed by the City of Hillsboro (expired 2020). D CO temporarily moved to the AFRC at Camp Wythcombe (41A35), with 14 other units stationed there. Battery C is a brand new unit created by the change to MTOE for the 2-218 Artillery Battalion and stood up in the Jackson Armory, currently with a 71,485 SF authorization and only 55% of that space on hand. Moving D CO from the AFRC will ensure that facility does not become overcrowded. Moving C Battery out of Jackson Armory will reduce the overcrowding there and allow for future MILCON to address those facility issues. This project will impact two sites and reduce the overcrowding in the ORARNG.</p> <p>The site for this project is in the possession of the state of Oregon.</p> <p>Currently, the state of Oregon has completed the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1963.</p> <p>The lack of classrooms and the shortage of administrative, training, storage and other support space have a probability code of "Likely" for an accident or impact to training. There is a severity code of "Major" that this facility/accident will impact the training and readiness of the assigned units.</p>								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
41B55	5576	17180	04001	2020	F4	Q4	C4	Jackson Armory
<p>The building is not ADA compliant. Buildings do not meet seismic standards. There is no fire suppression or detection. Lack adequate administrative, training, supply, arms vault, toilets/showers, physical fitness, locker room, POV parking, military vehicle parking, unheated storage, is not ADA compliant, seismic reinforced, or meet ATFP.</p>								
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, training and readiness								

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION Washington County Readiness Center, RPSUID: 170716 Oregon	4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  85503 410093	8. PROJECT COST (\$000)  Approp 26,000
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IMPACT IF NOT PROVIDED: (CONTINUED)

standards will decline and the units and State will not sustain its State mission and mobilization requirements. At Jackson, storage is below authorization, affecting organization and ability to maintain stock and causing the unit to bring in multiple Aztec storage units to make up the shortage. The kitchen is undersized. Infrastructure systems are failing on a consistent basis. There is a shortage of POV parking causing vehicles to park on the street. There is no maintenance bay affecting equipment readiness. The doors and windows are inefficient and worn out resulting in high utility costs. Both units are squatting in borrowed space at facilities not designed for them, which will increase wear and tear on both facilities if the strain is not relieved.

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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:	
(1) Status:	
(a) Design Start Date.....	OCT 2021
(b) Percent Complete as of January 2023.....	<u>65</u>

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Washington County Readiness Center, RPSUID: 170716 Oregon	4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  85503 410093	8. PROJECT COST (\$000)  Approp 26,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(c) Date 35% Designed.....	JUN 2022
(d) Date Design Complete.....	SEP 2023
(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.....	765
(c) Total Design Cost.....	765
(d) Contract.....	765
(e) In-house.....	0

(4) Construction Contract Award..... OCT 2023

(5) Construction Start..... DEC 2023

(6) Construction Completion..... OCT 2025

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	2025	1,479
Kitchen Equipment (Type C)	OMNG	2025	50
ESS	OPA	2025	54
Info Sys - ISC	OPA	2025	150
Info Sys - PROP	OMNG	2025	522
		Total	2,255

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023					
3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania		4. AREA CONSTRUCTION COST INDEX 1.07					
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	New Castle, PA	19.00 miles Readiness Center					
ARNG	Youngstown, OH	20.00 miles Readiness Center					
ARNG	Grove City, PA	21.00 miles Readiness Center					
		2,504 m2 (26,950 SF) 1930					
		1,858 m2 (20,000 SF) 1950					
		1,305 m2 (14,044 SF) 1960					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY		COST					
<u>CODE</u> <u>PROJECT TITLE</u>		<u>DESIGN STATUS</u>					
	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>					
17180	National Guard Readiness    3,357 m2 (36,136 SF)	13,600    OCT 2022    DEC 2023					
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.		04 AUG 2020 (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							
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 30 MAR 2021							
	PERMANENT				GUARD/RESERVE		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	4	0	4	0	87	5	82
ACTUAL	4	0	4	0	87	5	82
12. RESERVE UNIT DATA							
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>STRENGTH</u>			
BTRY A (BN FA BN, COMP (3X6))	WPGNA0	04228	06235KNG04	<u>AUTHORIZED</u>	<u>ACTUAL</u>		
				87	87		
				87	87		
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT							
<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>		
WHEELED				28	28		
TRAILERS				20	20		
TRACKED				0	0		
EQUIPMENT > 30 FT				0	0		
Fuel Truck				0	0		
HET				0	0		
TOTALS				48	48		

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023						
3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania		4. AREA CONSTRUCTION INSNO= 42093 COST INDEX 1.07						
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86705 420173		8. PROJECT COST (\$000) Approp 13,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						13,818
17180 Readiness Center		m2 (SF)	3,047 ( 32,797)		3,890	(11,853)
44224 Unheated Storage Building		m2 (SF)	229.75 ( 2,473)		4,122	(947)
44240 Flammable Materials Facility		m2 (SF)	10.22 ( 110)		1,335	(14)
81160 Backup/Emergency Generator		EA	1 --		148,840	(149)
85210 Rigid Pavement for MEP		m2 (SY)	2,007 ( 2,400)		118.77	(238)
Total from Continuation page(s)						(617)
SUPPORTING FACILITIES						1,387
Electric Service		LS	--		--	(18)
Water, Sewer, Gas		LS	--		--	(25)
Paving, Walks, Curbs And Gutters		LS	--		--	(812)
Storm Drainage		LS	--		--	(144)
Information Systems		LS	--		--	(38)
Antiterrorism Measures		LS	--		--	(39)
Other		LS	--		--	(311)
ESTIMATED CONTRACT COST						15,205
CONTINGENCY (5.00%)						760
SUBTOTAL						15,965
SUPV, INSP & OVERHEAD (6.48%)						1,035
TOTAL REQUEST						17,000
State Share						3,400
TOTAL FEDERAL REQUEST						13,600
TOTAL FEDERAL REQUEST (ROUNDED)						13,600
INSTALLED EQT-OTHER APPROP						(1,028)
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), Flammable Materials Facility, Unheated Storage Building, and Photovoltaic System. 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 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 including privately owned vehicles, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA (IE&E) Sustainable Design and Development Policy 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 1SQFT disposal policy of 35,380 SF. Including SF Disposals to offset construction of Vehicle Storage Shed structures.						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania				4. PROJECT TITLE National Guard Readiness Center		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 86705 420173		8. PROJECT COST (\$000) Approp 13,600	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)						
82187 Geothermal System		EA	1 --	200,398	(200)	
81122 Photovoltaic System		EA	1 --	212,543	(213)	
Sustainability/Energy Measures		LS	--	--	(204)	
				Total	617	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
MISSION: Current A/C TONNAGE: 109 Disposal of 1 building at Hermitage Readiness Center, PA (Total 205 m2/2,204 SF), 9 buildings at Fort Indiantown Gap, PA (Total 1,761 m2/18,953 SF), 1 building at Vanderbilt Road Readiness Center, PA (Total 8 m2/88 SF), 2 buildings at East Stroudsburg Training Site, PA (Total 30 m2/324 SF), 2 buildings at Ash St Readiness Center, PA (Total 17 m2/183 SF), 1 building at Grant Rd Readiness Center, PA (Total 93 m2/1,000 SF), 1 building at Sharon Readiness Center, PA (Total 1,722 m2/18,532 SF), 1 building at West Pittston Readiness Center, PA (Total 16 m2/172 SF), and 1 building at State Quarters, PA (Total 63 m2/680 SF). Air Conditioning (Estimated 383 kW/109 Tons).						
11. REQ: 3,287 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: To construct a 35,380 SF National Guard Readiness Center that supports training, administrative, and logistical requirements for the PAARNG. This facility will be built on State land. (Current Mission) (Current Mission)						
REQUIREMENT: This facility is designed to meet the current mission for Btry A, 107th FA. The current authorized square footage far exceeds the existing 19,159 square foot facility.						
CURRENT SITUATION: This project is critical to the state of Pennsylvania due to the current situation of the existing facility being half its authorized square footage. This overcrowding provides insufficient space for standard unit training assembly operations within the building, greatly reducing unit mission capability and minimizing operational efficiency. Outside, the extremely undersized Military Equipment Parking (MEP) area (only 40% of authorized) forces the unit to often station their howitzers inside the assembly area for maintenance and storage. This in turn further deducts from the available useable interior space. There is no room for expansion (due to geographical location and adjacent properties). The current condition also directly effects recruiting and retention. Finally, operating costs are relatively high due to the overall condition of the facility						
The site for this project is in the possession of the state of Pennsylvania.						
Currently, the state of Pennsylvania has begun the environmental assessment on this project.						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE  MARCH 2023		
3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania				4. PROJECT TITLE National Guard Readiness Center				
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180		7. PROJECT NUMBER 86705 420173		8. PROJECT COST (\$000) Approp 13,600		
<u>CURRENT SITUATION: (CONTINUED)</u>								
The facility where the current operations are being conducted was constructed in 1960.								
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
42E70	7252	17180	00001	2017	F4	Q4	C4	Hermitage Readiness Center
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, unit readiness will be effected both operationally and administratively. Operationally, the unit will continue to have to utilize the drill hall for every major training event which leads to a lot of setup, tear down time, and increased load-out times due to space constraints. Lack of enclosed maintenance training bay space creates additional time and effort to complete operator training and maintenance on MTOE equipment. Due to space constraints organizational storage is lacking which also affects to operational readiness. there is no current ATFP measures at this facility which leads full time and M-Day soldiers vulnerable to threats. Finally, the facility is antiquated for today's fighting force and could lead to additional ETS of soldiers.								
<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.								
<u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.								
<u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Protective measures required by regulation and the minimum standards as required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.								
<u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.								
<u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.								

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania	4. PROJECT TITLE National Guard Readiness Center
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 86705 420173	8. PROJECT COST (\$000) Approp 13,600
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2022
(b) Percent Complete as of January 2023.....	15
(c) Date 35% Designed.....	JUN 2023
(d) Date Design Complete.....	DEC 2023
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	778
(b) All Other Design Costs.....	441
(c) Total Design Cost.....	1,219
(d) Contract.....	1,219
(e) In-house.....	0

(4) Construction Contract Award..... APR 2024

(5) Construction Start..... JUN 2024

(6) Construction Completion..... JUN 2026

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	2025	680
Kitchen Equipment (Type C)	OMNG	2025	51
ESS (171R)	OPA	2025	23
Info Sys - ISC	OPA	2025	134
Info Sys - PROP	OMNG	2025	140
		Total	1,028

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION Hermitage Readiness Center, RPSUID: 169929 Pennsylvania			4. PROJECT TITLE  National Guard Readiness Center	
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER 86705 420173	8. PROJECT COST (\$000)  Approp                    13,600	

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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Aiken County Readiness Center, RPSUID: 190134 South Carolina		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	BARNWELL, SC 35.00 miles Readiness Center	1,391 m2 (14,974 SF) 1955
ARNG	GRANITEVILLE, SC 10.00 miles Readiness Center	1,893 m2 (20,381 SF) 1975
ARNG	EDGEFIELD, SC 20.00 miles Readiness Center	1,504 m2 (16,194 SF) 1955
	, 0.00 miles	0 m2 (0 SF) 0
7. PROJECTS REQUESTED IN THIS PROGRAM		
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>COST</u>
<u>CODE</u>	<u>NATIONAL GUARD</u>	<u>DESIGN STATUS</u>
<u>SCOPE</u>	<u>SCOPE</u>	<u>START</u> <u>CMP</u>
17180	READINESS CENTER 4,229 m2 (45,516 SF)	20,000 (\$000)      JAN 2022      DEC 2023
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 AUG 2020 (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>COST</u>
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
NONE		(\$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 15 JAN 2021		
	<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	7      0      7      0	150      6      144
ACTUAL	5      0      5      0	150      6      144
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 CLEARANCE CO (RECA)	WY1DAA	20516
148	148	
DET 3 CO B SCARNG (BN SOUTH CAROLIN	W91PB3	NGW91PAA
2	2	
150	150	
Assigned/Authorized: 100%		

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Aiken County Readiness Center, RPSUID: 190134 South Carolina		4. AREA CONSTRUCTION INSNO= 45A09 COST INDEX .92
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	23	23
TRAILERS	15	15
TRACKED	0	0
EQUIPMENT > 30 FT	8	8
Fuel Truck	0	0
HET	0	0
TOTALS	46	46
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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Aiken County Readiness Center, RPSUID: 190134 South Carolina				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 85520 450193		8. PROJECT COST (\$000) Approp 20,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						20,657
17180 Readiness Center		m2 (SF)	3,156 ( 33,975)		4,911	(15,502)
21411 Detached General Purpose Trainin		m2 (SF)	401.34 ( 4,320)		3,873	(1,555)
44224 Unheated Storage Building		m2 (SF)	381.18 ( 4,103)		3,772	(1,438)
44228 Controlled Waste Facility		m2 (SF)	30.66 ( 330)		4,053	(124)
44240 Flammable Materials Facility		m2 (SF)	10.22 ( 110)		4,586	(47)
Total from Continuation page(s)						(1,991)
SUPPORTING FACILITIES						3,851
Electric Service		LS	--		--	(213)
Water, Sewer, Gas		LS	--		--	(403)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,294)
Storm Drainage		LS	--		--	(100)
Site Imp(826) Demo( )		LS	--		--	(826)
Information Systems		LS	--		--	(41)
Antiterrorism Measures		LS	--		--	(395)
Other		LS	--		--	(579)
ESTIMATED CONTRACT COST						24,508
CONTINGENCY (5.00%)						1,225
SUBTOTAL						25,733
SUPV, INSP & OVERHEAD (3.63%)						934
TOTAL REQUEST						26,667
State Share						6,667
TOTAL FEDERAL REQUEST						20,000
TOTAL FEDERAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(1,381)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Overhead Protection, Controlled Waste Facility, Flammable Materials Facility, Heating Plant, Geothermal, and Electric Power, Photovoltaic. Comprehensive interior design services are requested. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per Public Law 90-480. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, 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 45,516 SQ FT. Disposal of 1 building at Aiken Lease Readiness Center, SC (Total 1,446 m2/15,570 SF), 6 buildings at Graniteville Readiness Center, SC (Total 2,522 m2/27,151 SF), and 1 building at MTA McCrady Training Site, SC (Total 260 m2/2,795 SF). Air Conditioning (Estimated						

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION  Aiken County Readiness Center, RPSUID: 190134 South Carolina			4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  85520 450193	8. PROJECT COST (\$000)  Approp 20,000		
9. COST ESTIMATES (CONTINUED)					
		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY (CONTINUED)					
81160 Backup/Emergency Generator		EA	1 --	249,624	(250)
85210 Rigid Pavement for MEP		m2 (SY)	2,947 (	3,525) 179.12	(528)
Sustainability/Energy Measures		LS	--	--	(397)
Antiterrorism Measures		LS	--	--	(816)
				Total	1,991
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)					
457 kW <sub>r</sub> /130 Tons).					
11. REQ:	4,073 m2	ADQT:	NONE	SUBSTD:	NONE
<p>PROJECT: Construct a 45,516 SQFT National Guard Readiness Center that supports training, administrative, logistical and maintenance requirements for the SCARNG. This facility will be built on State land. (Current Mission)</p> <p>REQUIREMENT: This facility is designed to meet the administrative, logistical, training and maintenance needs for the assigned unit. The facility is required to house all elements of WY1DAA 1221st Engineer Company. Constructing this Readiness Center will allow the assigned unit to have adequate training, logistical and administrative space to train and prepare for its wartime mission. Constructing this Readiness Center removes a small failing facility from the facility portfolio and provides a Readiness Center sized appropriately that provides stationing flexibility to meet future force structure changes.</p> <p>CURRENT SITUATION: This project is critical to the state of South Carolina due to the current situation of the facilities that the unit is presently assigned to. The existing Readiness Center that houses the 1221 EN CO was constructed in 1975 and does not meet the needs of the assigned unit and the facility does not comply with NG Pam 415-12 construction criteria. The existing facilities lack adequate training space, administrative space and logistical space. The construction of this Readiness Center will allow the SCARNG to remove a failing facility from its Real Property Inventory (RPI). The new Readiness Center will provide the assigned units with adequate training areas, classrooms, supply rooms, administrative space, organizational and non-organizational parking space. The current facility accounts for 69% of the authorized space.</p> <p>The site for this project is in the possession of the state of South Carolina.</p> <p>Currently, the state of South Carolina has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1975.</p> <p>The lack of authorized classroom space, storage space, org and non-org parking, administrative space all have a negative impact on mission accomplishment. The</p>					

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA				2. DATE  MARCH 2023																			
3. INSTALLATION AND LOCATION Aiken County Readiness Center, RPSUID: 190134 South Carolina				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER																					
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180		7. PROJECT NUMBER 85520 450193		8. PROJECT COST (\$000) Approp 20,000																			
CURRENT SITUATION: (CONTINUED)																									
<p>probability of effecting training is "Likely". The result of not having adequate spaces will cause a "Marginal" threat to the safety and well-being of Soldiers in the SCARNG.</p> <p>The deferred maintenance cost at Graniteville is approximately \$3.5M.</p> <table border="1"> <thead> <tr> <th>Site Code</th> <th>Site UID</th> <th>Cat Code</th> <th>FACNO</th> <th>ISR-I Year</th> <th>F Rating</th> <th>Q Rating</th> <th>C Rating</th> <th>Local Name</th> </tr> </thead> <tbody> <tr> <td>45B92</td> <td>5258</td> <td>17180</td> <td>00001</td> <td>2017</td> <td>F3</td> <td>Q2</td> <td>C4</td> <td>Graniteville Readiness Center</td> </tr> </tbody> </table> <p>The current Readiness Center does not comply with the minimum AT/FP standards. The facility lacks adequate supply, administrative, logistical and maintenance space. The organizational parking lot is not paved and do not afford the unit adequate space for parking its assigned vehicles.</p> <p><u>IMPACT IF NOT PROVIDED:</u></p> <p>If this project is not provided, the unit assigned to the Graniteville Readiness Center will not have the authorized space to perform their METL tasks, store their authorized equipment, perform personnel counseling, etc., which will have a negative impact on the readiness levels of the assigned units.</p> <p>Not having this project increases the wear and tear on the Graniteville Readiness Center thus increasing the amount of maintenance dollars being allocated to maintain this facility at minimum levels.</p> <p>Continuing to operate at a facility that lacks adequate General Purpose Work Bay requires the unit to transport equipment to another site to perform operator level maintenance services increasing fuel demand and costs. A lack of an adequate kitchen forces the unit to contract meals for IDT which has a negative impact on funding in the Supply &amp; Services Division.</p> <p>If this project is not approved, the units will continue to be forced to perform operator level maintenance at an alternate site which reduces the time available for units to conduct maintenance on their assigned equipment and negatively impacts the units ability to conduct individual and collective tasks.</p> <p>If this project is not approved, Soldier morale will continue to suffer because the Soldiers to not have the required areas to perform their military duties.</p> <p>Due to the inadequate parking at the Graniteville Readiness Center, the assigned unit will continue to have park their military vehicles on improved areas of the site creating additional maintenance issues on the site.</p> <p>The existing Readiness Center does not have adequate ATFP. If this project is not approved, the assigned unit will not be afforded protection form any potential terrorists. The estimated costs for AT/FP improvements on the site is approximately \$400K.</p>								Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name	45B92	5258	17180	00001	2017	F3	Q2	C4	Graniteville Readiness Center
Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name																	
45B92	5258	17180	00001	2017	F3	Q2	C4	Graniteville Readiness Center																	

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Aiken County Readiness Center, RPSUID: 190134 South Carolina	4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  85520 450193	8. PROJECT COST (\$000)  Approp 20,000
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IMPACT IF NOT PROVIDED: (CONTINUED)

The assigned units will continue to be forced to store MTOE and CTA equipment in unsecure locations in the Graniteville Readiness Center, i.e., drill hall, hallways, admin areas.

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.



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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023					
3. INSTALLATION AND LOCATION MTA McCrady Training Site, RPSUID:5017 South Carolina		4. AREA CONSTRUCTION COST INDEX .91					
5. FREQUENCY AND TYPE OF UTILIZATION Support logistical and operational activities for training 330 days/year.							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	COLUMBIA, SC	20.00 miles Readiness Center					
		5,922 m2 (63,739 SF) 1964					
ARNG	COLUMBIA, SC	20.00 miles Readiness Center					
		5,231 m2 (56,304 SF) 1987					
ARNG	EASTOVER, SC	12.00 miles Readiness Center					
		3,075 m2 (33,100 SF) 1996					
ARNG	EASTOVER, SC	12.00 miles Readiness Center					
		1,906 m2 (20,521 SF) 1977					
7. PROJECTS REQUESTED IN THIS PROGRAM							
CATEGORY	<u>PROJECT TITLE</u>	COST					
		<u>DESIGN STATUS</u>					
<u>CODE</u>	<u>AUTOMATED MULTIPURPOSE</u>	<u>SCOPE</u>					
		<u>(\$000)</u>					
17833	MACHINE GUN (MPMG) RANGE	1 m2 (6 SF)					
		7,900					
		OCT 2013 DEC 2023					
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.		04 AUG 2021 (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							
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.							
11. PERSONNEL STRENGTH AS OF 03 MAR 2022							
	<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	10	1	9	0	72	12	60
ACTUAL	21	1	7	13	72	12	60
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>		
(CTR TRAINING CENTER S)	W92MAA		NGW92MAA	72	72		
				72	72		
Assigned/Authorized: 100%							
13. MAJOR EQUIPMENT AND AIRCRAFT			<u>AUTHORIZED</u>		<u>ACTUAL</u>		
<u>TYPE</u>							
WHEELED				9		9	
TRAILERS				0		0	
TRACKED				0		0	
EQUIPMENT > 30 FT				7		7	
Fuel Truck				0		0	
HET				0		0	
TOTALS				16		16	

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023						
3. INSTALLATION AND LOCATION MTA McCrady Training Site, RPSUID:5017 South Carolina		4. AREA CONSTRUCTION INSNO= 45C70 COST INDEX .91						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION MTA McCrady Training Site, RPSUID:5017 South Carolina				4. PROJECT TITLE AUTOMATED MULTIPURPOSE MACHINE GUN (MPMG) RANGE		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17833	7. PROJECT NUMBER 85615 450377		8. PROJECT COST (\$000) Approp 7,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						6,334
17833 Range Lanes/Firing Points		FP	6 --		685,000	(4,110)
17971 Range Control Tower		m2 (SF)	26.85 ( 289)		9,441	(253)
17122 Range Ops & Strg		m2 (SF)	74.32 ( 800)		2,951	(219)
17122 Ammo Brkdwn Bldg		m2 (SF)	16.72 ( 180)		10,023	(168)
75061 Bleacher Enclosure		m2 (SF)	67.45 ( 726)		2,951	(199)
Total from Continuation page(s)						(1,385)
SUPPORTING FACILITIES						730
Electric Service		LS	--		--	(340)
Paving, Walks, Curbs And Gutters		LS	--		--	(302)
Information Systems		LS	--		--	(39)
Antiterrorism Measures		LS	--		--	(24)
Other		LS	--		--	(25)
ESTIMATED CONTRACT COST						7,064
CONTINGENCY (5.00%)						353
SUBTOTAL						7,417
SUPV, INSP & OVERHEAD (6.50%)						482
TOTAL REQUEST						7,899
TOTAL FEDERAL REQUEST						7,899
TOTAL FEDERAL REQUEST (ROUNDED)						7,900
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a standard design Multi-Purpose Machine Gun Range (MPMG) with automated target systems (ATS). Primary facilities include the range control tower, operation/storage building, latrine, classroom building, covered mess, ammo breakdown building, covered bleacher structure and utilities as required. The facilities will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 40 USC 4154. Construction will include all utility services, information systems, roads, walks 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 envelop 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 are to be included in accordance with the DoD Minimum Antiterrorism standard. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 5,074 SF. Disposal of 1 building at Clover Readiness Center, SC (Total 471 m2/5,074 SF). Air Conditioning (Estimated 32 kW/9 Tons).						
11. REQ:		1 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: To construct an Automated Multi-Purpose Machine Gun Range consisting of four center lanes and two wing lanes along with 3,600 SF of support structures used to train						

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION MTA McCrady Training Site, RPSUID:5017 South Carolina	4. PROJECT TITLE AUTOMATED MULTIPURPOSE MACHINE GUN (MPMG) RANGE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17833	7. PROJECT NUMBER 85615 450377	8. PROJECT COST (\$000) Approp 7,900
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9. COST ESTIMATES (CONTINUED)

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
17123 Range Classroom Buildng	m2 (SF)	74.32 ( 800)	3,888	(289)
17139 Mess Shelter	m2 (SF)	74.32 ( 800)	2,264	(168)
17833 SIT Emplacements	EA	64 --	5,621	(360)
17833 SAT Emplacements	EA	20 --	28,036	(561)
17833 Range Limit Marker	EA	2 --	2,100	(4)
17833 Range Lane Marker	EA	6 --	582.00	(3)
			Total	1,385

PROJECT: (CONTINUED)  
soldiers on the skills necessary to identify, engage, and hit stationary infantry targets. This range and support structures will be built on Federal land. The project has been validated by ARNG-TR. (Current Mission)

REQUIREMENT: This project is programmed to provide the full requirements of scope that includes a 6 FP machine gun qualification range and 3,930 SF of range supporting facilities for SCARNG units and other Reserve Component units that train at McCrady Training Center, Eastover, SC. This range will meet the Army standard Multi-Purpose Machine Gun Range requirement and allow Soldiers to qualify on a standard range. ARRMS Range Day Requirements = .59.84 On-Hand = 0 Delta = .35

CURRENT SITUATION: This project is critical to the state of SC due to the current situation of the only method the SCARNG has to qualify our Soldiers with Crew Served weapons is to deploy our personnel to Ft. Stewart, GA or Ft. Bragg, NC. This requires our Soldiers to travel at least four (4) hours one way to either Active Duty Installation which reduces valuable training time on IDT weekends, which could be used for meeting other training requirements. There are no other MPMG ranges within 2 hours travel distance (limit specified in NGB/FORSCOM Reg 350-2) that meet qualification requirement. ARRMS Delta =.35

The site for this project is in the possession of the state of SC.  
Currently, the state of SC has begun the environmental assessment on this project.  
There currently is no facility to complete the mission.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
45C70	5017	17833					C4	No facility exists

The SCARNG does not have an MPMGR that is available for our Soldiers.

IMPACT IF NOT PROVIDED: Not having this project will continue to force SCARNG units to travel long distances to qualify its Soldiers with Crew Served weapons. The extensive travel time negatively impacts the unit's ability to train on other METL tasks which has a negative impact on the readiness levels of the units. There are no other

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION MTA McCrady Training Site, RPSUID:5017 South Carolina	4. PROJECT TITLE AUTOMATED MULTIPURPOSE MACHINE GUN (MPMG) RANGE
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17833	7. PROJECT NUMBER 85615 450377	8. PROJECT COST (\$000)  Approp 7,900
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IMPACT IF NOT PROVIDED: (CONTINUED)  
Multi-Purpose Machine gun Ranges within two (2) hours travel distance (limit specified in NGB/FORSCOM Reg 350-2) that meet qualification requirements. There is no impact on O & M cost. SCARNG units will be forced to continue to travel long distances to conduct machine gun training and qualification which will negatively impact OPTEMPO costs. Without this project, the chances of SCARNG Soldiers being involved in a vehicle accident increase due to the long travel times to and from the training locations. No significant impact on equipment maintenance. Not having this project does not affect retention, Land/Lease, Organizational Military Operation Vehicles parking. Nor does it affect AT/FP and it does not affect the organizational storage.

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

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

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

ECONOMIC ANALYSIS: 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 2013
    - (b) Percent Complete as of January 2023..... 35
    - (c) Date 35% Designed..... JAN 2023
    - (d) Date Design Complete..... DEC 2023
    - (e) Parametric Cost Estimating Used to Develop Costs.. YES
    - (f) Type of Design Contract: Design-bid-build
    - (g) An energy study and life cycle cost analysis will be documented during the final design.
  
  - (2) Basis:
    - (a) Standard or Definitive Design: YES

1. COMPONENT ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MARCH 2023
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3. INSTALLATION AND LOCATION MTA McCrady Training Site, RPSUID:5017 South Carolina	4. PROJECT TITLE AUTOMATED MULTIPURPOSE MACHINE GUN (MPMG) RANGE
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17833	7. PROJECT NUMBER 85615 450377	8. PROJECT COST (\$000) Approp 7,900
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12. SUPPLEMENTAL DATA (CONTINUED..)

A. Estimated Design Data: (CONTINUED..)

(b) Where Design Was Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	331
(b) All Other Design Costs.....	188
(c) Total Design Cost.....	519
(d) Contract.....	519
(e) In-house.....	0
(4) Construction Contract Award.....	JAN 2024
(5) Construction Start.....	MAR 2024
(6) Construction Completion.....	MAR 2026

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>
SAT Mechanism Targetry	OPA	2025	240
SIT Mechanism Targetry	OPA	2025	224
F F & E	OMNG	2025	300
Info Sys - ISC	OPA	2025	22
Info Sys - PROP	OMNG	2025	24
		Total	810



1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023																																																											
3. INSTALLATION AND LOCATION Sandston RC & FMS 1, RPSUID: 7162 Virginia		4. AREA CONSTRUCTION INSNO= 51415 COST INDEX .92																																																											
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>0</td><td>0</td></tr> <tr><td>TRAILERS</td><td>0</td><td>0</td></tr> <tr><td>TRACKED</td><td>0</td><td>0</td></tr> <tr><td>EQUIPMENT &gt; 30 FT</td><td>6</td><td>6</td></tr> <tr><td>Fuel Truck</td><td>2</td><td>2</td></tr> <tr><td>HET</td><td>0</td><td>0</td></tr> <tr><td>C-12D/F/R</td><td>0</td><td>1</td></tr> <tr><td>C-12J</td><td>0</td><td>0</td></tr> <tr><td>C-23</td><td>0</td><td>0</td></tr> <tr><td>C-26</td><td>0</td><td>0</td></tr> <tr><td>UC-35</td><td>0</td><td>0</td></tr> <tr><td>OH-58</td><td>0</td><td>0</td></tr> <tr><td>OH-58D</td><td>0</td><td>0</td></tr> <tr><td>UH-1</td><td>0</td><td>0</td></tr> <tr><td>AH-64</td><td>0</td><td>0</td></tr> <tr><td>UH-60</td><td>0</td><td>23</td></tr> <tr><td>UH-72A</td><td>0</td><td>4</td></tr> <tr><td>CH-47</td><td>0</td><td>0</td></tr> <tr><td>TOTALS</td><td>8</td><td>36</td></tr> </tbody> </table>	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	0	0	TRAILERS	0	0	TRACKED	0	0	EQUIPMENT > 30 FT	6	6	Fuel Truck	2	2	HET	0	0	C-12D/F/R	0	1	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	23	UH-72A	0	4	CH-47	0	0	TOTALS	8	36	
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																																																											
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1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Sandston RC & FMS 1, RPSUID: 7162 Virginia				4. PROJECT TITLE Aircraft Maintenance Hangar		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21114	7. PROJECT NUMBER 85547 511018		8. PROJECT COST (\$000) Approp 20,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						12,442
44263 Unheated Aircraft Storage Hangar		m2 (SF)	1,089 ( 11,717)		3,319	(3,613)
21110 Aircraft Maintenance Hangar		m2 (SF)	2,392 ( 25,752)		3,627	(8,678)
81160 Standby Generator		EA	1 --		150,000	(150)
Sustainability/Energy Measures		LS	--		--	(1)
SUPPORTING FACILITIES						5,560
Electric Service		LS	--		--	(106)
Water, Sewer, Gas		LS	--		--	(318)
Paving, Walks, Curbs And Gutters		LS	--		--	(4,259)
Storm Drainage		LS	--		--	(118)
Site Imp(326) Demo( )		LS	--		--	(326)
Information Systems		LS	--		--	(38)
Antiterrorism Measures		LS	--		--	(344)
Exterior Fire Protection		LS	--		--	(51)
ESTIMATED CONTRACT COST						18,001
CONTINGENCY (5.00%)						900
SUBTOTAL						18,901
SUPV, INSP & OVERHEAD (5.81%)						1,098
TOTAL REQUEST						19,999
TOTAL FEDERAL REQUEST						19,999
TOTAL FEDERAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						(1,196)
10. Description of Proposed Construction A specially designed National Guard Aircraft Maintenance Hangar of permanent construction. The National Guard Aircraft Maintenance includes the following items that are integral to the facility; aircraft taxiways, aircraft tie down, and aircraft aprons. The proposed buildings may be supported on spread footings. Spread footings may be supported by aggregate piers or deep foundations. 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 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 39,539 SQFT. Disposal of 24 buildings at Byrd Field Army Aviation Support Facility, VA (Total 6,472 m2/69,668 SF). Air Conditioning (Estimated 11 kW/3 Tons).						
11. REQ: 4,027 m2		ADQT: NONE		SUBSTD: NONE		NONE
PROJECT: Construct a 37,469 SQFT Army National Guard Aircraft Maintenance Hangar that						

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Sandston RC & FMS 1, RPSUID: 7162 Virginia	4. PROJECT TITLE  Aircraft Maintenance Hangar
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21114	7. PROJECT NUMBER  85547 511018	8. PROJECT COST (\$000)  Approp 20,000
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PROJECT: (CONTINUED)  
 supports individual and collective training, administrative, automation and communications and logistical requirements for the Virginia Army National Guard Army Aviation mission. This facility will be built on federal owned land in Sandston, VA. (Current Mission). (Current Mission)

REQUIREMENT: This project addresses a partial relocation of the VAARNG AASF currently located at Richmond International Airport (RIA) to the Sandston site. The new Army Aviation Support Center is required to relocate the current operations from the existing leased facilities that will not be renewed to a new permanent construction on state owned land. With less than 11 years remaining on the existing lease, and no option to extend the lease, construction of a new facility at the existing site or alteration and addition to the existing facility is not justified. This project will provide the necessary storage, taxiway, tie-down and apron space for Virginia Army National Guard aircraft. The aircraft maintenance hangar and supporting facilities will replace the existing leased facilities that meet approximately 31% of its required hangar, flight ops and ground support equipment storage space and no unheated aircraft storage space. The construction shall conform to Unified Facilities Criteria, including UFC4-022-01 Entry Control Facilities/Access Control Points, UFC 4- 022-02 Selection and Application of Vehicle Barriers, UFC 4-022-03 Security Fences and Gates, NG Pam 415-12, Army National Guard DG 415-3 Aviation Facilities Design Guide, and DG 415-5 General Facilities Information Design Guide. This project will provide only a portion of the 218,250 SF requirement that is needed.

The unit to be served by this project include W8RBAA (EQP VA ARNG AVN SPT F)

CURRENT SITUATION: This project is critical to the state of Virginia due to the current situation of the Richmond International Airport Capital Region Airport Commission (CRAC) not agreeing to extend the current lease for the Virginia Army National Guard Army Aviation Support Facility site. The CRAC indicated that the lease for the current Army Aviation Support Facility (AASF) will not be extended beyond 31 October 2032. As a result of this decision, the Virginia Army National Guard AASF must be relocated and a new facility constructed to support the Virginia Army National Guard aviation mission. The site for this project is in the possession of the state of Virginia.

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

The facility where the current operations are being conducted was constructed in 1960.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Q C Rating	Local Rating	Name
51417	3693	14112	03904	2021	F3 Q3 C4		Flt Ops Bldg -Leased Facility
51417	3693	21110	03990	2021	F2 Q2 C4		Hangar - leased Facility
51417	3693	21110	03991	2021	F4 Q4 C4		Hangar - leased Facility
51417	3693	21110	03992	2021	F4 Q4 C4		Hangar - leased Facility
51417	3693	21110	03993	2021	F4 Q4 C4		Hangar - leased Facility
51417	3693	21110	03994	2021	F4 Q4 C4		Hangar - leased Facility

The existing site does not meet the criteria outlined in Chapter 4, NGB Pam 415-12;

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION Sandston RC & FMS 1, RPSUID: 7162 Virginia		4. PROJECT TITLE Aircraft Maintenance Hangar		
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21114	7. PROJECT NUMBER 85547 511018	8. PROJECT COST (\$000) Approp 20,000	
<u>CURRENT SITUATION: (CONTINUED)</u>				
training / operations, administrative, storage, toilet/shower, physical fitness, locker room, privately owned vehicle parking and military vehicle parking space requirements are not met at the current site.				
The current site does not meet Americans with Disabilities (ADA) and Anti- Terrorism / Force Protection requirements.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided:				
Unit Readiness: The lease for the current AASF will not be renewed when it expires in 2032. The VAARNG Army Aviation mission cannot be sustained without the replacement of the AASF. The AASF is the only facility in the VAARNG real property inventory designed to support the unique requirement of Army Aviation. Without a replacement for this facility the VAARNG will not be able to adequately prepare for and execute its federal and state missions.				
The existing facility does not have adequate space to store the 24 UH-60 helicopters, valued at \$21m each, subjecting the aircraft deterioration due to weather exposure. Additionally, because of the space shortage, hangar space has been leased at Chesterfield Regional Airport at the cost of \$154K per year to accommodate the four LUH-72 helicopters. If this project is not provided, there will not be a facility to support the VAARNG's UH-60 helicopters and the VAARNG will be required to lease space to support its LUH-72 helicopters.				
Equipment Maintenance: There is no unheated aircraft storage space available to protect aircraft from the elements. The significant shortage of storage space at the VAARNG AASF Flight Operations and Aircraft Maintenance Hangar has a negative impact on flight operations and training. This space shortfall results in crowded hangar floor space, flight operations facilities and inadequate allied trade shop space. These issues create a hardship in assuring aircraft are maintained at an acceptable Federal Manufacturers Code (FMC) rate.				
Anti-Terrorism / Force Protection: AT/FP setbacks at the current location are considered inadequate.				
Organizational Storage: With only approximately one-third of the space required to support units assigned to the VAARNG AASF organizational storage is a significant issue. Ammunition storage bunkers are currently being used to offset organizational storage requirements. These bunkers are considered inadequate to store organizational equipment.				
<u>ADDITIONAL:</u> Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.				
PHYSICAL SECURITY: This project has been coordinated with the installation physical				

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Sandston RC & FMS 1, RPSUID: 7162 Virginia	4. PROJECT TITLE  Aircraft Maintenance Hangar
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  21114	7. PROJECT NUMBER  85547 511018	8. PROJECT COST (\$000)  Approp 20,000
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ADDITIONAL: (CONTINUED)  
security plan, and all physical security measures are included.

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

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

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (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.....	JAN 2022
(b) Percent Complete as of January 2023.....	15
(c) Date 35% Designed.....	JUN 2023
(d) Date Design Complete.....	DEC 2023
(e) Parametric Cost Estimating Used to Develop Costs..	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	1,086
(b) All Other Design Costs.....	615
(c) Total Design Cost.....	1,701



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1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023
3. INSTALLATION AND LOCATION Viroqua, RPSUID: 7730 Wisconsin		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	Onalaska, WI	38.00 miles Readiness Center 3,990 m2 (42,947 SF) 1960
ARNG	Richland Center, WI	35.00 miles Readiness Center 1,754 m2 (18,882 SF) 1992
ARNG	Sparta, WI	32.00 miles Readiness Center 1,188 m2 (12,788 SF) 1954
7. PROJECTS REQUESTED IN THIS PROGRAM		
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>COST</u>
<u>CODE</u>	<u>NATIONAL GUARD</u>	<u>DESIGN STATUS</u>
<u>SCOPE</u>	<u>SCOPE</u>	<u>START</u>
<u>(\$000)</u>	<u>(\$000)</u>	<u>CPL</u>
17180	READINESS CENTER 5,270 m2 (56,727 SF)	18,200 OCT 2020 MAR 2023
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		
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>COST</u>
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
<u>(\$000)</u>		
NONE		
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.		
11. PERSONNEL STRENGTH AS OF 05 DEC 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	2   0   2   0	87   6   81
ACTUAL	3   0   3   0	49   1   48
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>
TM 4 RRNCO (BN WISCONSIN REC & RE)	W91L29	NGW91LAA
DET 1 (CO SPT MAINT CO HQ)	WQS4A1	34302
	43430KNG05	86   48
		87   49
Assigned/Authorized: 56%		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	27	27
TRAILERS	34	34
TRACKED	0	0
EQUIPMENT > 30 FT	4	4
Fuel Truck	0	0
HET	0	0
TOTALS	65	65

1. COMPONENT ARNG	FY 2024 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE MARCH 2023						
3. INSTALLATION AND LOCATION Viroqua, RPSUID: 7730 Wisconsin		4. AREA CONSTRUCTION INSNO= 55D60 COST INDEX 1.10						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 50px;">(\$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 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION  Viroqua, RPSUID: 7730 Wisconsin				4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180	7. PROJECT NUMBER  86664 550184		8. PROJECT COST (\$000)  Approp 18,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						17,888
17180 Readiness Center		m2 (SF)	3,421 ( 36,828)		3,843	(13,148)
44181 Unheated Encl/Shed-TP Vhcl Strg		m2 (SF)	1,849 ( 19,899)		1,938	(3,582)
81160 Backup/Emergency Generator		EA	1 --		185,000	(185)
85210 Rigid Pavement for MEP		m2 (SY)	952.35 ( 1,139)		188.97	(180)
88042 Enhanced AT/FP Measures		LS	--		--	(415)
Total from Continuation page(s)						(378)
SUPPORTING FACILITIES						3,946
Electric Service		LS	--		--	(1)
Water, Sewer, Gas		LS	--		--	(1)
Paving, Walks, Curbs And Gutters		LS	--		--	(1,799)
Storm Drainage		LS	--		--	(300)
Site Imp(532) Demo(175)		LS	--		--	(707)
Information Systems		LS	--		--	(57)
Antiterrorism Measures		LS	--		--	(656)
Other		LS	--		--	(425)
ESTIMATED CONTRACT COST						21,832
CONTINGENCY (5.00%)						1,092
SUBTOTAL						22,924
SUPV, INSP & OVERHEAD (6.50%)						1,490
TOTAL REQUEST						24,414
State Share						6,067
TOTAL FEDERAL REQUEST						18,347
TOTAL FEDERAL REQUEST (ROUNDED)						18,200
INSTALLED EQT-OTHER APPROP						(1,151)
10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), and Unheated Enclosed Vehicle 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 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 58,512 SQFT. Disposal of 1 building at Janesville Motor Vehicle Storage Building, WI (Total 1,159 m2/12,478 SF), 1 building at Milwaukee Field Maintenance Shop 3, WI (Total 876 m2/9,428 SF), 1 building at Oshkosh Field Maintenance Shop 10, WI (Total 309 m2/3,322 SF), 2 buildings at Camp Williams, WI (Total 1,342 m2/14,449 SF), and 2 buildings at Viroqua Readiness Center, WI (Total 1,750						

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION  Viroqua, RPSUID: 7730 Wisconsin				4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  17180	7. PROJECT NUMBER  86664 550184		8. PROJECT COST (\$000)  Approp 18,200	
9. COST ESTIMATES (CONTINUED)						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY (CONTINUED)						
Sustainability/Energy Measures		LS	--	--	(340)	
Sustainability/Energy Measures		LS	--	--	(38)	
				Total	378	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)						
m2/18,835 SF). Air Conditioning (Estimated 411 kW/117 Tons).						
11. REQ:	5,270 m2	ADQT:	NONE	SUBSTD:	NONE	
<p><u>PROJECT:</u> To construct a 56,727 SF project consisting of a 36,828 SF National Guard Readiness Center and 19,899 SF Unheated Vehicle Storage Building that supports training, administrative, and logistical requirements for the WIARNG. This facility will be built on State land. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is programmed to provide the space authorized for the personnel assigned to 107th Maintenance Co (UIC: WQS4A1) activated on 15 August 1949. This project will allow the assigned unit to move all issued equipment and supplies into a single facility no longer requiring the need for the out buildings and shipping containers currently used. This project will also provide the authorized space for performing vehicle/equipment maintenance and training eliminating the unit's need to transport vehicles, equipment, and personnel to offsite maintenance facilities. In addition to providing space for unit storage and vehicle/equipment maintenance, this project will also provide 100% of the authorized space for administrative operations, training, kitchen, locker rooms, and toilet/showers allowing for a more efficient training environment. The scope of work exceeds the ability of accomplishing this project using SRM funds.</p> <p><u>CURRENT SITUATION:</u> This project is critical to the state of Wisconsin due to the current situation of Det 1 107 Maintenance Co. not having adequate administrative, classroom, kitchen, toilet, shower, storage, maintenance training space. The current size and configuration of the readiness center provides 48% of the space authorized, leaving a 52% deficit of space authorization. To offset the lack of storage space the unit has been using shipping containers to store unit equipment and issued supplies. The lack of a maintenance training bay has forced the unit to conduct vehicle and equipment maintenance operations either outside or at offsite locations.</p> <p>State owned and State Accountable. The underlying land of the planned location is owned by the State of Wisconsin.</p> <p>Currently, the state of Wisconsin has begun the environmental assessment on this project.</p> <p>The facility where the current operations are being conducted was constructed in 1966.</p>						

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
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3. INSTALLATION AND LOCATION  Viroqua, RPSUID: 7730 Wisconsin	4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  86664 550184	8. PROJECT COST (\$000)  Approp 18,200
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CURRENT SITUATION: (CONTINUED)

This project will resolve the space authorization issues currently plaguing Det 1 107 Maintenance Co. The lack of available space for performing training, administrative, storage, and maintenance operations has impacted the unit's ability to conduct onsite training. The probability of effecting training and real world missions is "LIKELY". As a result of not having adequate onsite training facilities, unit personnel travel throughout the state to various training sites resulting in a "MAJOR" threat to the safety and wellbeing of the soldiers of the assigned unit.

The annual operating cost for this facility are \$80,000.

Site Code	Site UID	Cat Code	FACNO	ISR-I Year	F Rating	Q Rating	C Rating	Local Name
55D60	7730	17180	00ARM	2018	F4	Q4	C4	Viroqua

The current Readiness Center does not meet current fire safety codes for the type of construction and the size of the building. Additional code violations include the lack of ADA accessible emergency exits.

The Viroqua Readiness Center is not in compliance with AFTP, and is completely out of compliance with all DoD, Army and NG Pam 415-12 criteria.

The existing site configuration and building construction does not meet Unified Facilities Criteria (UFC), resulting in an inability to access the site during increased security levels.

IMPACT IF NOT PROVIDED: If this project is not provided, the men and women of Det 1 107th Maintenance Co. 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. If additional space is not provided, the limited training/classroom space will continue to force the assigned units to conduct training outside of standard duty hours. The units' maintenance section will continue conduct training operations outside and/or at remote locations. The risk of damaging equipment and injuring personnel will also continue as a result. The lack of available heated and unheated storage space within the Readiness Center will continue to force the use of onsite storage buildings and shipping containers. Supplies and equipment stored in the shipping containers and storage building are exposed to water, mold, fungi, bacteria, and rodents resulting in increased maintenance requirements. Without this project the unit will continue to store tactical vehicles and equipment displaced by the shipping containers at offsite locations. As a result, the unit's limited control over securing their tactical vehicles and equipment in addition to not having the ability to perform vehicle inspections and maintain on short notice will continue to impact unit readiness ratings. Meanwhile the existing parking lots and access roads will remain in their current locations which do not meet any of the UFC security standoff requirements. The existing structure of the Readiness Center will also remain unchanged from the original design which was never intended to meet the current force protection standards for an occupied facility. While some areas of the facility meet the minimum standards for the Americans with Disabilities Act (ADA), a majority of

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  MARCH 2023
--------------------------	--	---------------------------

3. INSTALLATION AND LOCATION  Viroqua, RPSUID: 7730 Wisconsin	4. PROJECT TITLE  NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  17180	7. PROJECT NUMBER  86664 550184	8. PROJECT COST (\$000)  Approp 18,200
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IMPACT IF NOT PROVIDED: (CONTINUED)

the Readiness Center does not meet ADA standards. As result, the ability to use the Readiness Center as recruiting center will be impacted by the inability to allow access to family members of future recruits that may be disabled. 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.

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. Required assessments have been made for supporting facilities and the project is not in a 100-year floodplain in accordance with Executive Order 11988.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	OCT 2020
(b) Percent Complete as of January 2023.....	<u>90</u>
(c) Date 35% Designed.....	<u>JUN 2021</u>



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1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  96200	7. PROJECT NUMBER 95121 990022		8. PROJECT COST (\$000) Approp 63,000	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM		UM (M/E)	QUANTITY		COST(\$000)
<u>PRIMARY FACILITY</u>						63,000
96200 Minor Construction Facilities			LS	--		(63,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						63,000
CONTINGENCY (0.00%)						0
SUBTOTAL						63,000
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						63,000
TOTAL FEDERAL REQUEST						63,000
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
<u>PROJECT:</u> For Unspecified Minor Military Construction (UMMC) projects (Current Mission) <u>REQUIREMENT:</u> 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. <u>CURRENT SITUATION:</u> 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.						

1. COMPONENT  ARNG	FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various			4. PROJECT TITLE Unspecified Minor Construction	
5. PROGRAM ELEMENT  0505896A	6. CATEGORY CODE  96200	7. PROJECT NUMBER 95121 990022	8. PROJECT COST (\$000)  Approp 63,000	

1. COMPONENT  ARNG		FY 2024 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  MARCH 2023	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT  0505896A		6. CATEGORY CODE  96100	7. PROJECT NUMBER 95125 990033		8. PROJECT COST (\$000) Approp 34,286	
9. COST ESTIMATES						
1.0000 U.S. DOLLAR/US\$	ITEM		UM (M/E)	QUANTITY		COST(\$000)
<u>PRIMARY FACILITY</u>						34,286
00000 Planning and Design			LS	--		(34,286)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						34,286
CONTINGENCY (0.00%)						0
SUBTOTAL						<u>34,286</u>
SUPV, INSP & OVERHEAD (0.00%)						0
TOTAL REQUEST						<u>34,286</u>
TOTAL FEDERAL REQUEST						34,286
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 2024 program; for advancement to final design of projects in FY 2025 and for initiation of design of projects in FY 2026. The funds request for the annual planning and design requirement includes specially designs based on Army National Guard Criteria and Army regulations.						





