DEPARTMENT OF THE ARMY ARMY NATIONAL GUARD

FISCAL YEAR (FY) 2022 BUDGET ESTIMATE

MILITARY CONSTRUCTION





JUSTIFICATION DATA SUBMITTED TO CONGRESS MAY 2021

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GUAM..... WORLDWIDE VARIOUS.....

The estimated cost of this report for the Department of Defense is approximately \$7,203.92 for fiscal year 2021. This includes \$493.28 in expenses and \$6,710.64 in DoD labor.

PAGE NUMBER

81

89

DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2022 ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION	REQUEST	APPROPRIATION C REQUEST N	MISSION	PAGE
Connect	icut 090040	Putnam NATIONAL GUARD READINESS CENTER	17,500	17,500	С	1
		Subtotal Putnam	\$ 17,500	17,500		
		* TOTAL MCNG FOR Connecticut	\$ 17,500	17,500		
Georgia	130131	Fort Benning POST-INITIAL MILITARY TRAINING (IMT) UNACCOMPANIED HOUSING (UH)	13,200	13,200	С	9
		Subtotal Fort Benning	\$ 13,200	13,200		
		* TOTAL MCNG FOR Georgia	\$ 13,200	13,200		
Idaho	160098	Jerome NATIONAL GUARD READINESS CENTER Subtotal Jerome	\$ 15,000 15,000	15,000 15,000	С	15
		* TOTAL MCNG FOR Idaho	\$ 15,000	15,000		
Illinoi	s 171608	Bloomington NATIONAL GUARD VEHICLE MAINTENANCE SHOP	15,000	15,000	С	23
		Subtotal Bloomington	\$ 15,000	15,000		
		* TOTAL MCNG FOR Illinois	\$ 15,000	15,000		
Kansas	200105	Topeka NATIONAL GUARD/RESERVE CENTER BUILDING	16,732	16,732	С	31
		Subtotal Topeka	\$ 16,732	16,732		
		* TOTAL MCNG FOR Kansas	\$ 16,732	16,732		

DEPARTMENT OF THE ARMY MILITARY CONSTRUCTION PROGRAM FY 2022 ARMY NATIONAL GUARD

STATE	PROJECT NUMBER	CITY/INSTALLATION PROJECT TITLE	REQUEST	APPROPRIATION	MISSION	PAGE
Louisia	na 220141	Lake Charles NATIONAL GUARD READINESS CENTER	18,500	18,500	С	37
		Subtotal Lake Charles	\$ 18,500	18,500		
		* TOTAL MCNG FOR Louisiana	\$ 18,500	18,500		
Maine	230125	Saco NATIONAL GUARD VEHICLE MAINTENANCE SHOP	21,200	21,200	С	45
		Subtotal Saco	\$ 21,200	21,200		
		* TOTAL MCNG FOR Maine	\$ 21,200	21,200		
Montana	300049	Butte NATIONAL GUARD READINESS CENTER	16,000	16,000	С	53
		Subtotal Butte	\$ 16,000	16,000		
		* TOTAL MCNG FOR Montana	\$ 16,000	16,000		
North D	akota	Dickinson				
	380058	NATIONAL GUARD READINESS CENTER	15,500	15,500	С	61
		Subtotal Dickinson	\$ 15,500	15,500		
		* TOTAL MCNG FOR North Dakota	\$ 15,500	15,500		
Virgini	a 510075 510091	Troutville NATIONAL GUARD READINESS CENTER ADDITION COMBINED SUPPORT MAINTENANCE SHOP ADDITION	6,100 6,900	6,100 6,900		69 75
		Subtotal Troutville	\$ 13,000	13,000		
		* TOTAL MCNG FOR Virginia	\$ 13,000	13,000		

DEPARTMENT OF THE ARMY

MILITARY CONSTRUCTION PROGRAM FY 2022

ARMY NATIONAL GUARD

STATE	DD0.75.05	CITY/INSTALLATION	2.77				NEW/	
	PROJECT NUMBER	PROJECT TITLE	AUT	HORIZATION REQUEST	APPR	OPRIATION REQUEST		PAGE
Guam		Barrigada						
	140052	NATIONAL GUARD READINESS CENTER		34,000		34,000	С	81
		Subtotal Barrigada	\$	34,000		34,000		
		* TOTAL MCNG FOR Guam	\$	34,000		34,000		
Worldwi		Minor Construction						
	990022	Unspecified Minor Construction		0		39,471		89
		Subtotal Minor Construction	\$	0		39,471		
		Planning and Design						
	990033	Planning and Design		0		22,000		91
		Subtotal Planning and Design	\$	0		22,000		
		* TOTAL MCNG FOR Worldwide Various	\$	0		61,471		
** 7	ARMY NATIONA	L GUARD TOTAL	\$	195,632		257,103		
		Total Cost of New Mission Projects		(0)	\$	0		
		Total Cost of Current Mission Projects	(12)	\$	195,632		
		Total Cost of other line items		(2)	\$	61,471		
		Total Cost of FY 2022 MCNG Projects	(14)	\$	257,103		

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 \$257,103,000 to remain available until 30 September 2026. Provided, that of the amount appropriated, not to exceed \$22,000,000 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.

1. COMPONENT			FY 2022 GUAR	D AND RESERVE		2. DATE	
ARNG			MILITARY C	CONSTRUCTION		MAY 202	21
3. INSTALLATION AND	LOCATION					4. AREA CC	NSTRUCTION
Putnam			INSN	O= 09B21		COST IN	IDEX
Connecticut							1.15
5. FREQUENCY AND TYP	E OF UTILI	ZATION					
Administration 5	days/week,	with 2-day	training as	ssembly 2-3 time	es/month.		
6. OTHER ACTIVE/GUAR	D/RESERVE	INSTALLATIO	ONS WITHIN 1!	5 MILE RADIUS			
,		0 .	.00 miles		0	(0)	0
7. PROJECTS REQUESTE	D IN THIS I	PROGRAM					
CATEGORY PROJECT	י יידייד.				COST	DESIGN	STATUS
CODE				SCOPE	(\$000)	START	CMPL
NATIONA	AL GUARD		2 605 0				
17180 READINE	ESS CENTER		3,697 m2	(39,796 SF)	17,500	OCT 2019	OCT 2021
8. STATE GUARD/RESER	TTE EODOEC I	PACITITE C	DONDD DECOM	MENDATTON			
FACILITIES IDENTI	FIED IN IT	EM #6 HAVE	BEEN EXAMINE	ED BY THE STATE	RESERVE FORCES	02 AP	R 2020
FACILITIES BOARD	FOR POSSIBI	LE JOINT US	SE/EXPANSION	. THE BOARD REC	OMMENDATIONS ARE	(D	ate)
UNILATERAL CONSTR	UCTION.						
9. LAND ACQUISITION	REQUIRED						
None							0
None						/3T	-
						(Number of	acres)
10. PROJECTS PLANNED	י דאז אופיעיד פו	אוום עדאםפ					
	IN NEAL FO	JUR ILAKS					
CATEGORY							COST
CODEPROJECT	TITLE				SCOPE		(\$000)
NONE							
NONE							
DEFERRED SUSTAINM A SITE SURVEY HAS						PROPOSED PR	OJECT AT
	BEEN COMPI	LETED AND T				PROPOSED PR	OJECT AT
A SITE SURVEY HAS	BEEN COMPI	LETED AND T				PROPOSED PR	OJECT AT
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A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG	BEEN COMPI	LETED AND TO. O SEP 2020 PERMANEN	THE SITE IS S	SUITABLE FOR COI	NSTRUCTION OF THE GUARD/R TOTAL OF	ESERVE FICER ENLI	STED
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	SUITABLE FOR COL	GUARD/R TOTAL OF	ESERVE FICER ENLI 5	STED 158
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG	BEEN COMPI	LETED AND TO. O SEP 2020 PERMANEN OFFICER I	THE SITE IS S	SUITABLE FOR COI	NSTRUCTION OF THE GUARD/R TOTAL OF	ESERVE FICER ENLI	STED
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	SUITABLE FOR COL	GUARD/R TOTAL OF	ESERVE FICER ENLI 5	STED 158
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	SUITABLE FOR COL	GUARD/R TOTAL OF	ESERVE FICER ENLI 5	STED 158
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A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET TO SET	IVILIAN 0	GUARD/R TOTAL OF 163 163	ESERVE FICER ENLI 5 5 5 STREN	STED 158 158
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	SUITABLE FOR COL	GUARD/R TOTAL OF 163 163 MTOE/TDA	ESERVE FICER ENLI 5 5 STREM	STED 158 158 158 IGTH ACTUAL
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET TO SET	IVILIAN 0	GUARD/R TOTAL OF 163 163	ESERVE FICER ENLI 5 5 5 STREN	STED 158 158 158 IGTH ACTUAL
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA	ESERVE FICER ENLI 5 5 STREM	STED 158 158 16TH ACTUAL 163
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163	STED 158 158 16TH ACTUAL 163
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163 163	STED 158 158 IGTH ACTUAL 163 163
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163	STED 158 158 IGTH ACTUAL 163 163
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO	TOTAL TOTAL TOTAL	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163 163	STED 158 158 IGTH ACTUAL 163 163
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO	TOTAL TOTAL TOTAL	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163 163 gned/Authori	STED 158 158 IGTH ACTUAL 163 163 22ed: 100%
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO	TOTAL TOTAL TOTAL	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163 163 gned/Authori	STED 158 158 IGTH ACTUAL 163 163
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO	TOTAL TOTAL TOTAL	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 STREM AUTHORIZED 163 163 gned/Authori	STED 158 158 IGTH ACTUAL 163 163 22ed: 100%
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREM AUTHORIZED 163 163 gned/Authori	STED 158 158 IGTH ACTUAL 163 163 2ed: 100%
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREN AUTHORIZED 163 163 gned/Authori EED 48 38	STED 158 158 IGTH ACTUAL 163 163 zed: 100% ACTUAL 48 38
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED	EBEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 STREN AUTHORIZED 163 163 gned/Authori EED 48 38 0	STED 158 158 158
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED	BEEN COMPI	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREN AUTHORIZED 163 163 gned/Authori EED 48 38	STED 158 158 IGTH ACTUAL 163 163 zed: 100% ACTUAL 48 38
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED	EBEEN COMPI TINDICATE THAS OF 30 TOTAL 5 0 TA AND AIRCRAF	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 STREN AUTHORIZED 163 163 gned/Authori EED 48 38 0	STED 158 158 158
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED EQUIPMEN Fuel Tru	EBEEN COMPI TINDICATE THAS OF 30 TOTAL 5 0 TA AND AIRCRAF	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREN AUTHORIZED 163 163 163 200 48 38 0 1 0	STED 158 158 IGTH ACTUAL 163 163 2cd: 100% ACTUAL 48 38 0 1 0
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A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED EQUIPMEN Fuel Tru	EBEEN COMPI TINDICATE THAS OF 30 TOTAL 5 0 TA AND AIRCRAF	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREN AUTHORIZED 163 163 163 200 48 38 0 1 0	STED 158 158 IGTH ACTUAL 163 163 2cd: 100% ACTUAL 48 38 0 1 0
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A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED EQUIPMEN FUEL TY HET	EBEEN COMPI TINDICATE THAS OF 30 TOTAL 5 0 TA AND AIRCRAF	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREN AUTHORIZED 163 163 163 200 48 38 0 1 0 0	STED 158 158 IGTH ACTUAL 163 163 2cd: 100% ACTUAL 48 38 0 1 0 0
A SITE SURVEY HAS THE ESTIMATED COS 11. PERSONNEL STRENG AUTHORIZED ACTUAL 12. RESERVE UNIT DAT UNIT DESIGNATION CO MP CO 13. MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED EQUIPMEN FUEL TY HET	EBEEN COMPI TINDICATE THAS OF 30 TOTAL 5 0 TA AND AIRCRAF	D. O SEP 2020 PERMANEN OFFICER 0 0	THE SITE IS SET IN SET	IVILIAN 0	GUARD/R TOTAL OF 163 163 MTOE/TDA 19463KNG19 Assi	ESERVE FICER ENLI 5 5 5 STREN AUTHORIZED 163 163 163 200 48 38 0 1 0 0	STED 158 158 IGTH ACTUAL 163 163 2cd: 100% ACTUAL 48 38 0 1 0 0

1.	COMPONENT	FY 2022 GUARD AND RESERVE	2.	DATE	
	ARNG	MILITARY CONSTRUCTION		MAY 2021	
3.	INSTALLATION AND I	OCATION	4.	AREA CONSTRUCTI	ON
	Putnam	INSNO= 09B21		COST INDEX	
	Connecticut			1.15	
14	OUTSTANDING POLLU	TION AND SAFETY DEFICIENCIES			=
		(\$000)		
	A. AIR PO)		
			0		
			0		
	c. 0cc011	MITOME ON BIT IND MEMBER	,		
					- [
					- 1

1. COMPONENT							2. DA	ATE
	FY 2022 MILITAR	Υ (CONSTRU	JCTION PROJ	ECT	DATA		
ARNG							MA	Y 2021
3. INSTALLATION AND LOCATION				4. PROJECT	TITLE			
Putnam								
Connecticut	Le grandony gonn			NATIONAL	GUA			
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJE	CT NUMBER		8. PROJEC	CT COST (\$0)	00)
	4.7400			88233				
0505896A	17180		<u> </u>	090040		Approp	17	7,500
		9. (COST ESTI	MATES				Γ
ITEM	1	UI	M (M/E)	QUA	NTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY								13,780
17180 Readiness Cente		1	2 (SF)	3,656		39,356)		
44228 Controlled Wast		1	2 (SF)	30.66		330)		
44240 Flammable Mater		1	2 (SF)	10.22	•	110)		
81160 Backup/Emergenc		EA		_			150,000	•
85210 Rigid Pavement		m2	2 (SY)	3,658	(4,375)	123.19	(451)
Total from Continua	tion page(s)							(522)
SUPPORTING FACILITIES								2,325
Electric Service		LS	5					(154)
Water, Sewer, Gas		LS	3					(462)
Paving, Walks, Curbs	And Gutters	LS	3					(577)
Storm Drainage		LS	3					(172)
Site Imp(413) Demo()		LS	3					(413)
Information Systems		LS	3					(14)
Antiterrorism Measure	s	LS	5					(300)
Other		LS	5					(233)
ESTIMATED CONTRACT CO	ST							16,105
CONTINGENCY (5.00%)								805
SUBTOTAL								16,910
SUPV, INSP & OVERHEAD	(3.49%)							590
TOTAL REQUEST								17,500
TOTAL FEDERAL REQUEST								17,500
TOTAL FEDERAL REQUEST								17,500
INSTALLED EQT-OTHER A								(1,334)
10. Description of Proposed C		ial	ly des	igned Natio	onal	Guard R	eadiness	
permanent constructio	-		-	_				
that are integral to								
Organizational Vehicl								
Facility. Comprehensi								
designed to meet Indu								
codes and as per 42 U	-							_
information systems,								
storm drainage, parki								
minimum life of 50 ye								
including energy effi								
performance as per AS								
Access for individual								
accordance with the D								
This project will com								
disposal of 44,262 SQ								
m2/3,575 SF), 10 buil								
Westbrook Readiness C								
Hartell, CT (Total 95	3 m2/10,260 SF).	Αı	r Cond	itioning (l	stin	ated 46	4 KWr/13	∠ Tons).
11. REQ: 3,697 m2	ADQT:			NONE	ST	BSTD:		NONE

1. COMPONENT						2. DATE	
	FY 2022 MILITA	ARY CON	NSTRUC	TION PROJECT D	ATA		
ARNG						MAY 202	21
3. INSTALLATION AND LOCATION				4. PROJECT TITLE	<u>.</u>		
Putnam							
Connecticut				NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7.	PROJECT	NUMBER	8. PROJECT COST	(\$000)	
			88	3233			
0505896A	17180		0.9	00040	Approp	17,500	
9. COST ESTIMATES (C	ONTINUED)	,					
ITE	M	UM (1	M/E)	QUANTITY	UNI COS		COST \$000)
PRIMARY FACILITY (CO	NTINUED)						
17180 Primary Fac En	hanced ATFP 2%	LS					(252)
Sustainability	/Energy Measures	LS					(270)
					Tot	tal	522

PROJECT: To construct a 39,796 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the CTARNG. This facility will be built on the State of Connecticut Military Reservation in Putnam, CT. (Current Mission).

REQUIREMENT: This National Guard Readiness Center is required to house all elements of the Military Police unit that is currently stationed at a facility that does not meet space requirements. The following unit will be served by this Readiness Center: WPTTAA 643rd Military Police Company totaling 163 Soldiers, 87 military vehicles and trailers, plus other authorized Modification Table of Organization and Equipment (MTOE) equipment. The Readiness Center will provide the necessary administrative, training, secure work and storage areas required to achieve and sustain proficiency in required training tasks and locate all the Military Police units into one state of the art facility.

CURRENT SITUATION: This project is critical to the state of Connecticut due to the current situation of the existing facility only meets 13.7% of the space authorization

current situation of the existing facility only meets 13.7% of the space authorization and does not meet current Federal code for: fire, electrical, mechanical, energy or ADA. Additionally, the current land parcel does not allow any expansion or proper AT/FP setback.

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

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

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

The current facility is inadequate for authorized space criteria, quality of the facility and property that is landlocked in an older residential section of the town preventing future expansion or addition/alteration to the existing facility. The facility jeopardizes training for lack of space and current modern IT infrastructure, but more significantly jeopardizes recruiting and retention. The ability of the CTARNG to recruit and/or retain soldiers is directly jeopardized by not having a modern Readiness Center.

Due to the age of the facility there have been recurrent mold issues within the building. Exterior masonry needs tuck-pointing. The envelope of the building is in poor condition; walls, windows, doors. The facility lacks fire suppression system. Building is not current to ADA requirements.

The Readiness Center was built in 1955 and has high energy costs due to the age of the facility exterior envelope and outdated electrical, plumbing and mechanical systems.

1. COMPONENT					2. DATE
	FY 2022 MILITARY (CONSTRUCT	CION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
Putnam					
Connecticut		ļ	NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		88	233		
0505896A	17180	09	0040	Approp	17,500
CURRENT SITUATION: (C	ONTINUED)				

Existing facility is on a septic system that is inadequate to handle the demand during drill periods.

Site Site FACNO Cat ISR-I CLocal F 0 Code Rating Rating Name UID Code Year 09B55 7863 17180 00001 2019 F404 C4 Westbrook Armory

Fire alarm system does not meet State/Fed code and lacks fire sprinkler system. Building does not meet Federal ADA code.

The current facilities do not comply with NG Pam 415-12 dated 25 January 2015 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with Disabilities Act (ADA), Anti-terrorism Force Protection (ATFP), lack adequate training areas, administrative space, supply room space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

These facilities do not meet current Federal code for: fire, electrical, mechanical, energy or ADA. Per NG Pam 415-12 criteria the facility is lack adequate training areas, administrative space, supply space, arms vault, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space. Does not meet the Anti-Terrorism Force Protection standoff distance.

IMPACT IF NOT PROVIDED: If this project is not provided, the units' ability to meet its readiness and training objectives will continue to be adversely affected without an adequate facility. The lack of proper and adequate training, storage and administrative areas will continue to impair mobilization readiness levels. Operations and Maintenance expenditures will continue to be high due to lack of energy efficiency and failing systems. Current space shortages, and poor working environments will continue to be nonconducive to administrative tasks and training and negatively affect Operational Tempo (OPTEMPO). The current facility provides a building design not conducive for the current unit's mission while significantly increasing life and safety risks due to the age of the facility. Military equipment maintenance costs will remain high due to direct exposure to severe cold temperature, snow and salt air. The units' ability to meet their readiness, recruiting, retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. The current site is located within a residential neighborhood. There has been encroachment from adjacent property within the parking areas. The current design does not adequately house the unit space requirements creating a deficiency in locker room, latrine, and classroom space along with undersized Org/MOV parking. Most of these units will inhabit facilities that do not meet the minimum ATFP standoff distances. Equipment maintenance costs will become unaffordable due to lack of proper organizational storage.

<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.

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC'	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION	4. PROJECT TITLE				
Putnam					
Connecticut			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		88	233		
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ADDITIONAL · / CONTINUE	D /				

ADDITIONAL: (CONTINUED)

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	2019
(b)	Percent Complete as of January 2021		65
(c)	Date 35% Designed	JUN	2020
(d)	Date Design Complete	OCT	2021
(e)	Parametric Cost Estimating Used to Develop Costs		NO

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

(\$000)

				2. DATE
	FY 2022 MILITAR	Y CONSTRUCTION PRO	JECT DATA	
ARNG				MAY 2021
3. INSTALLATION AND LOCA	ATION	4. PROJECT	TITLE	
Putnam				
Connecticut		NATIONA	L GUARD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)
		88233		
0505896A	17180	090040	Approp	17,500
12. SUPPLEMENTAL	(/			
	Design Data: (CONTIN			
(a)	Production of Plans	-		963
(b)	All Other Design Cos	ts		546
(C)	Total Design Cost			1,509
(d)	Contract			1,509
(e)	In-house			0
(4) Cons	truction Contract Awa	rd		MAR 2022
(5) Cons	truction Start			APR 2022
(6) Cons	truction Completion			APR 2024
	associated with this	project which will	l be provided from	
other appropri	ations:	1 - 3		n
other appropri	ations:		Fiscal Year	n
Equipment	ations:	Procuring	Appropriated	Cost
Equipment Nomenclature	ations:			
Equipment Nomenclature F F & E		Procuring Appropriation OMNG	Appropriated Or Requested Future Request	Cost (\$000) 844
Equipment Nomenclature F F & E Kitchen Equipm		Procuring Appropriation OMNG OMNG	Appropriated Or Requested Future Request Future Request	Cost (\$000) 844 50
Equipment Nomenclature F F & E Kitchen Equipm	ent (Type C)	Procuring Appropriation OMNG OMNG OPA	Appropriated Or Requested Future Request Future Request Future Request	Cost (\$000) 844 50 25
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1. COMPONENT		FY	2022 GU	ARD AND RESERVE		2. DATE	
ARNG			MTLTTARY	CONSTRUCTION		MAY 20	2.1
3. INSTALLATION AN	D LOCATION					4. AREA CO	ONSTRUCTION
Fort Benning			INS	SNO= 13A72		COST II	NDEX
Georgia							.86
5. FREQUENCY AND T	YPE OF UTILIZA	TION					
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Support rogistr	car and operac	TOHAT ACCI	VICIES IO	or craining 500 days	7 year.		
6. OTHER ACTIVE/GU	ARD/RESERVE IN	ISTALLATIONS	S WITHIN	15 MILE RADIUS			
	s, GA			Readiness Center	2 713 m2	(29 199 SF)	1957
				Educational Facility			
USA Benning							
AR Benning	, GA	2.0	0 miles 1	Readiness Center	6,280 m2	(67,599 SF)	2006
7. PROJECTS REQUES	TED IN THIS DR	OGR AM					
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CATEGORY PROJE		* D. T	C (TME)	CCODE	COS		
				SCOPE			CMPL
72122 UNACC	COMPANIED HOUS	ING (UH)		4,439 m2 (47,786	SF) 13,20	00 DEC 2019	OCT 2021
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8. STATE GUARD/RES							
				NED BY THE STATE RE			OV 2019
FACILITIES BOAR	D FOR POSSIBLE	JOINT USE	/EXPANSIO	ON. THE BOARD RECOMM	ENDATIONS ARE	(I	Date)
UNILATERAL CONS	TRUCTION.						
9. LAND ACQUISITIO	N REQUIRED						
None							0
						(Number of	acres)
10. PROJECTS PLANN	ED IN NEXT FOU	IR YEARS					
CATEGORY							COST
CODE _ PROJEC	T TITLE				SCOPE		(\$000)
NONE							
NONE							
-	NMENT, RESTORA	TION, AND P	MODERNIZA	ATION (SRM): 11,	501		
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1.	COMPONENT	FY 2022 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		MAY 2021
3.	INSTALLATION AND I	L JOCATION	4.	AREA CONSTRUCTION
	Fort Benning	INSNO= 13A72		COST INDEX
	Georgia			.86
		TION AND SAFETY DEFICIENCIES		
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1. COMPONENT					2. DATE	
	FY 2022 MILITAR	Y CONSTRUC	TION PROJECT D	ATA		
ARNG					MAY 2021	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
Fort Benning Georgia			POST INITIAL UNACCOMPANIED			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Γ (\$000)	
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				·	· · · · · · · · · · · · · · · · · · ·	

	9. CO	ST ESTI	MATES		
ITEM	UM	(M/E)	QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY					10,604
17120 Educational Facility	m2	(SF)	591.70 (6,36	9) 2,283	(1,351)
72122 Billets	m2	(SF)	3,848 (41,41	7) 2,351	(9,045)
Sustainability/Energy Measures	LS				(208)
SUPPORTING FACILITIES					1,543
Electric Service	LS				(144)
Water, Sewer, Gas	LS				(175)
Paving, Walks, Curbs And Gutters	LS				(297)
Storm Drainage	LS				(40)
Site Imp(318) Demo(400)	LS				(718)
Information Systems	LS				(26)
Antiterrorism Measures	LS				(73)
Other	LS				(70)
ESTIMATED CONTRACT COST					12,147
CONTINGENCY (5.00%)					607
SUBTOTAL					12,754
SUPV, INSP & OVERHEAD (3.50%)					446
TOTAL REQUEST					13,200
TOTAL FEDERAL REQUEST					13,200
TOTAL FEDERAL REQUEST (ROUNDED)					13,200
INSTALLED EQT-OTHER APPROP					(1,035)

A specially designed Advance Skills Training Barracks of 10. Description of Proposed Construction permanent construction. The Advance Skills Training Barracks includes the following items that are integral to the facility; Educational Facility. Comprehensive interior design services are requested. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 42 USC 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy 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 49,322 SQFT. Disposal of 4 buildings at Albany Readiness Center, GA (Total 2,104 m2/22,647 SF), 2 buildings at Fort Benning, GA (Total 1,088 m2/11,706 SF), 1 building at Elberton Readiness Center, GA (Total 206 m2/2,221 SF), 1 building at Hartwell Readiness Center, GA (Total 223 m2/2,400 SF), 3 buildings at GGTC, GA (Total 715 m2/7,698 SF), 1 building at Metter Readiness Center, GA (Total 19 m2/200 SF), and 2 buildings at Milledgeville Readiness Center, GA (Total 136 m2/1,460 SF). Air Conditioning (Estimated 563 kWr/160 Tons).

11. REQ: 4,4	39 m2	ADQT:	NO	ONE S	UBSTD:	NONE
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			85	565		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	Г (\$000)
Fort Benning Georgia				POST INITIAL UNACCOMPANIE		
3. INSTALLATION AND L	OCATION			4. PROJECT TITLE		
ARNG						MAY 2021
		FY 2022 MILITARY	CONSTRUCT	TION PROJECT	DATA	
1. COMPONENT						2. DATE

PROJECT: To construct a 47,786 SQFT Advance Skills Training Barracks with 320 bed spaces and Education Facility that supports training, administrative, and logistical requirements for the GAARNG. This facility will be built on the Army Licensed Site to the Georgia Army National Guard at Fort Benning. (Current Mission)

REQUIREMENT: This facility is designed to meet the billeting and administrative requirements for the Warrior Training Center (WTC). The WTC conducts 13 courses and serves over 4,500 soldiers from the National Guard, Reserves, and Active Services. The peak space requirement for simultaneous courses of instruction is 420 bed spaces.

CURRENT SITUATION: This project is critical to the state of GA and the entire Army National Guard due to the current situation of the severe lack of adequate barrack space at the Warrior Training Center. Facilities at the WTC currently provide 258 bed spaces, 160 of which are in substandard condition and provide less than 30 square feet per soldier. In addition to Air Assault, the Warrior Training Center teaches 9 other courses at the site, 6 of which can be operated concurrently with Air Assault. This course load requires 420 bed spaces at one time. The existing facilities are severely overcrowded which is a fire hazard and contributes to unsanitary conditions.

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

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

The facility where the current operations are being conducted was constructed in 2005.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code				Rating	Rating	Name
13A72	4984	72114	4160	2019	F4	Q4	C4	TT ENL Barracks
13A72	4984	72114	4161	2019	F4	Q4	C4	TT ENL Barracks
13A72	4984	17120	4157	2019	F4	Q4	C4	General Instruction

IMPACT IF NOT PROVIDED: The WTC is the only ARNG School in the nation that conducts specialized high risk training including Pre-Ranger and Air Assault; this training produces exceptional leaders and Soldiers of unmatched lethality. Graduation rates from the Army Ranger School have improved from 8% to 55% for all National Guard soldiers who attend the Pre-ranger course. The WTC trains over 4,500 Soldiers annually and the current barracks (17,372 SF) provide 258 bed spaces, 160 of which are in substandard condition and provide less than 30 square feet per soldier. The overcrowding in the barracks is a fire hazard and contributes to unsanitary conditions.

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

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

1. COMPONENT						2. DATE
		FY 2022 MILITARY (CONSTRUCT	CION PROJECT D	ATA	
ARNG						MAY 2021
3. INSTALLATION AN	ID LOCATION			4. PROJECT TITLE		
Fort Benning Georgia				POST INITIAL I		
5. PROGRAM ELEMENT	1	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
			85	565		
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ADDITIONAL: (CONTINUE	D)				
ΔNTTTFRR∩RTSMΔ	I/FORCE D	ROTECTION: This proj	ect has	been coordinat	ed with the	a ingtallation
antiterrorism Pam 190-51 an the minimum s Antiterrorism description o	plan. R d TM 5-8 tandards Standar f constr	isk and threat analy 53-1, respectively. as required by UFC ds for Buildings) ar uction and cost esti	ses have Protecti 4-010-01 e needed mate.	been performe ve measures re (Department o . These requir	ed in accord equired by a of Defense N ements are	dance with DA regulation and Minimum included in the
		pment. This project				
Housing) cert	ifies th	ION: The Deputy Assi at this project has lable for use by oth	been con	sidered for jo		
100-year floc	dplain i	n-accordance-with Ex	ecutive	Order 11988.		
12. SUPPLEME	NTAL DAT	A:				
A Eatir	nated Dec	— sign Data:				
		sign Data:				
(1)	Status:					
		sign Start Date				DEC 2019
	(b) Per	cent Complete as of	January	2021		35
	(c) Dat	te 35% Designed				OCT 2020
	(d) Dat	e Design Complete				OCT 2021
	(e) Par	rametric Cost Estimat	ing Used	to Develop Co	osts	NO
		e of Design Contract				
		energy study and lif			rrill bo	
		cumented during the f			will be	
(2)	Basis:					
	(a) Sta	andard or Definitive	Design:	NO		
(3)	Total De	esign Cost (c) = (a)+	·(b) OR (d)+(e):		(\$000)
() /		oduction of Plans and				728
		Other Design Costs.				412
	·~/		· · · · ·			112

. COMPONENT					2. DATE
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ARNG		11 2022	1111 001.011.00110	. 11100201 211111	MAY 2021
INSTALLATION AND LO	CATION		4. 1	PROJECT TITLE	1111 2021
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PROGRAM ELEMENT	6	5. CATEGORY CODE	7. PROJECT NUMB	BER 8. PROJ	JECT COST (\$000)
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505896A		72122	13013	Approp	13,200
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A. Estimate	d Desi	.gn Data: (CONT	INUED)		
(c)	Tota	al Design Cost.			. 1,140
(d)	Cont	ract			
(e)	In-h	nouse			. 0
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1.	COMPONENT			FY 2022 GUAR	D AND RESERVE		2. DATE	
	ARNG			MILITARY C	ONSTRUCTION		MAY 2021	1
3.	INSTALLATION AND I	LOCATION					4. AREA COM	NSTRUCTION
	Jerome			INSNO	D= 16D04		COST INI	DEX
	Idaho							1.04
F								
5.	FREQUENCY AND TYPE							
	Administration 5 d	days/week	, with 2-da	y training as	ssembly 2-3 time	es/month.		
_	OFFICE 2 GETTING / GTT3 DE	· /nnannii						
6.	OTHER ACTIVE/GUARD)/RESERVE			MILE RADIUS			
	,		(0.00 miles		0	(0)	0
-	PROJECTS REQUESTED	N TNI MILITO	DDOGDAM					
l ′ ·	~		PROGRAM					
	CATEGORY PROJECT	TITLE				COST	DESIGN S	STATUS
	CODE NATIONA	L GUARD			SCOPE	(\$000)	START	CMPL
	17180 READINE	SS CEBTE	R	5,409 m2	(58,224 SF)	15,000	DEC 2019	DEC 2021
8.	STATE GUARD/RESERV	/E FORCES	FACILITIES	BOARD RECOMM	MENDATION			
	FACILITIES IDENTIF	FIED IN I	TEM #6 HAVE	BEEN EXAMINE	ED BY THE STATE	RESERVE FORCES	21 MAY	2020
	FACILITIES BOARD F	OR POSSI	BLE JOINT U	JSE/EXPANSION.	. THE BOARD RECO	OMMENDATIONS ARE	(Da	ate)
	UNILATERAL CONSTRU	ICTION						
	ONIEMIEME CONDING	ociion.						
9.	LAND ACQUISITION F	REQUIRED						
	None							0
	None						/Mumban of	
							(Number of	acres)
10	. PROJECTS PLANNED	TN NEXT	FOUR YEARS					
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11	THE ESTIMATED COST	T INDICAT	TED. 30 SEP 2020 PERMANE) ENT		GUARD/R	ESERVE FICER ENLIS	
11	THE ESTIMATED COST . PERSONNEL STRENGT	TOTAL	PED. 30 SEP 2020 PERMANE OFFICER	ENT ENLISTED C	IVILIAN -	GUARD/R TOTAL OF	ESERVE FICER ENLIS	<u>TED</u>
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1.	COMPONENT	FY 2022 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		MAY 2021
3.	INSTALLATION AND I	LOCATION	4.	AREA CONSTRUCTION
	Jerome	INSNO= 16D04		COST INDEX
	Idaho			1.04
		TION AND SAFETY DEFICIENCIES		-,,-
14	. OUTSTANDING POLLC		`	
		(\$000		
	A. AIR PO		0	
			0	
	C. OCCUPA	ATIONAL SAFETY AND HEALTH	0	

1. COMPONENT					2. DATE
ARNG					MAY 2021
3. INSTALLATION AND LOCATION	T		4. PROJECT TITLE		
Jerome Idaho			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT		8. PROJECT COST	
0505896A	17180	1	411 0098	Approp	15,000
	9.	COST ESTIMAT	res		

9. COST ESTIMATES									
ITEM	UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)			
PRIMARY FACILITY						15,458			
17180 Readiness Center	m2	(SF)	4,994 (53,750)	2,646	(13,212)			
44224 Unheated Storage Building	m2	(SF)	364.55 (3,924)	1,722	(628)			
44228 Controlled Waste Facility	m2	(SF)	30.66 (330)	1,614	(50)			
44240 Flammable Materials Facility	m2	(SF)	20.44 (220)	1,614	(33)			
81160 Backup/Emergency Generator	EA		1		90,000	(90)			
Total from Continuation page(s)						(1,445)			
SUPPORTING FACILITIES						2,949			
Electric Service	LS					(100)			
Water, Sewer, Gas	LS					(300)			
Paving, Walks, Curbs And Gutters	LS					(1,349)			
Storm Drainage	LS					(142)			
Site Imp(464) Demo()	LS					(464)			
Information Systems	LS					(129)			
Antiterrorism Measures	LS					(246)			
Other	LS					(219)			
ESTIMATED CONTRACT COST						18,407			
CONTINGENCY (5.00%)						920			
SUBTOTAL						19,327			
SUPV, INSP & OVERHEAD (3.48%)						673			
TOTAL REQUEST						20,000			
State Share						5,000			
TOTAL FEDERAL REQUEST						15,000			
TOTAL FEDERAL REQUEST (ROUNDED)						15,000			
INSTALLED EQT-OTHER APPROP						(1,626)			

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking, Controlled Waste Facility, and Flammable Materials 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 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 55,470 SQFT. Disposal of 1 building at Wilder Readiness Center, ID (Total 1,373 m2/14,782 SF), 1 building at Burley Readiness Center, ID (Total 9 m2/96 SF), 3 buildings at Gooding Readiness Center, ID (Total 930 m2/10,011 SF), 1 building at Hailey Readiness Center, ID (Total 90 m2/966 SF), 1 building at Jerome Readiness Center, ID (Total 982 m2/10,567 SF), and 4 buildings at Twin Falls Readiness Center, ID (Total 1,770

1. COMPONENT							2. DA	ГЕ
FY 2022 MILITARY CONSTRUCTION PROJECT DATA								
ARNG	ARNG						MAX	7 2021
3. INSTALLATION AND LOCATION	3. INSTALLATION AND LOCATION						· · · · · · · · · · · · · · · · · · ·	
Jerome								
Idaho NATIONAL GUARD READINESS CENTER							TER	
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER		8. PROJECT	r cost (\$00	0)
			85	3411				
0505896A	17180		16	0098		Approp	15	,000
9. COST ESTIMATES (C	ONTINUED)					•		
							UNIT	COST
ITE	M	UM	(M/E)	QUAN	TIT!	Y	COST	(\$000)
PRIMARY FACILITY (CO	NTINUED)							
85211 Rigid Pavement	for MEP	m2	(SY)	8,508	(10,175)	118.40	(1,007)
14915 Additional 1%		LS						(135)
Sustainability	/Energy Measures	LS						(303)
							Total	1,445

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

m2/19,048 SF). Air Conditioning (Estimated 598 kWr/170 Tons).

11. REQ: 5,409 m2 ADQT: NONE SUBSTD: NONE PROJECT: To construct a 58,224 SQFT National Guard Readiness Center that supports training, administrative, and logistical requirements for the IDARNG. This facility will be constructed on the State of Idaho Military Reservation in Jerome, ID. (Current Mission).

<u>REQUIREMENT:</u> This facility will provide the necessary administrative, training, kitchen, and storage areas required to achieve proficiency in respective areas of training for 116 BEB (WPNWT0) and 145th BSB (WTQ2E0). The units are currently stationed in two separate distant Readiness Centers. The consolidation of the units into a single facility will maximize training and equipment for the Soldiers and the readiness of the units. Both facilities are deficient on square footage and sit on small sites hindering mobility of the military assets that are assigned as well as substandard AT / FP setbacks.

<u>CURRENT SITUATION:</u> This project is critical to the state of Idaho due to the current situation of not having adequate classroom and storage space to ensure the proper training and readiness for the Soldiers of the IDARNG.

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

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

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

This project will mitigate the event of having an undersized facility to support the training and readiness of Soldiers of the IDARNG. Being that there currently is two undersized and aging facilities to accomplish the mission objectives. The probability of effecting training is "PROBABLE". The result of not having an adequate facility will cause a "MINOR" threat to the safety and well being of the Soldiers of the IDARNG.

	Site		FACNO	ISR-I	F	Q	С	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
16C05	7648	17180	0001	2019	F4	Q4	C4	Twin Falls RC
16B20	5623	17180	0001	2019	F3	04	C4	Jerome RC

IMPACT IF NOT PROVIDED:
If the project is not approved, the present facility's lack of

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Jerome			NIA ELI ONIA I CITA D		CHNEED
Idaho			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	411		
0505896A	17180	16	0098	Approp	15,000
IMPACT IF NOT PROVIDE	D: (CONTINUED)				

adequate space and substandard condition will reduce the energy efficiency, training and mobilization readiness for the units assigned and standards will continue to decline. The unit's ability to meet its readiness, recruiting and retention, and training objectives will be adversely affected if the personnel are not provided with adequate facilities. Location and space available currently affect the OPTEMPO, due to travel and limited space. Other training areas are being used that increase the cost in travel. Delays in funding for this project will require the unit to stay in the overcrowded Readiness Centers. Life safety will be affected as the current facilities do not meet fire sprinkler requirements. The Operation and Maintenance (O&M) costs is increasing due to the age of the facility and requirements that are needed to meet NG PAM 415-12. The properties in Jerome and Twin Falls are co-owned by the Idaho Military (majority interest) and local governments. In these two locations, the local government has asked for the property to be turned over. All locations suffer inadequate space for parking of military vehicles with the proper standoff distances. The lack of proper facilities will negatively influence troop morale and readiness, as well as add to the present deficiency of the IDARNG. Not having the required space for equipment maintenance eliminates Soldiers MOS training and missions.

<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.

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.

<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.

				2. DATE
	בע פאדדדייאםע MTT איז	CONCUDITOTION DOOTE	<u> </u>	Z. DAIE
	ri 2022 Milliaki	CONSTRUCTION FROME	CI DAIA	MAY 2021
LOCATION		4. PROJECT TI	TLE	
	16			
	17180	85411 160098	Approp	15,000
				·
יייאד דאייי	7. •			
IIAL DAI.	<u> </u>			
ated Des	sign Data:			
Status:				
(a) Des	sign Start Date			DEC 2019
(b) Per	cent Complete as of	January 2021		35
(c) Dat	te 35% Designed			OCT 2020
(d) Dat	e Design Complete			DEC 2021
(e) Par	ametric Cost Estima	ating Used to Develo	op Costs	NO
` '	_	-		
			ysis will be	
doc	umented during the	final design.		
Basis:				
(a) Sta	andard or Definitive	e Design: NO		
Total De	esign Cost (c) = (a)	+(b) OR (d)+(e):		(\$000)
				1,117
(b) All	Other Design Costs	5		633
(c) Tot	al Design Cost			1,750
(d) Con	ntract			1,750
(e) In-	house			0
Construc	tion Contract Award	1		FEB 2022
Construc	tion Start			MAR 2022
Construc	tion Completion			JAN 2024
1	ated Des Status: (a) Des (b) Per (c) Dat (d) Dat (e) Par (f) Tyr (g) An doo Basis: (a) Sta Total De (a) Pro (b) All (c) Tot (d) Con (e) In-		A. PROJECT TO NATIONAL	NATIONAL GUARD READINES 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT OF STATE 85411 160098 160098

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCTIO	N PROJECT	DATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION		4.	PROJECT TITLE		
Jerome					
Idaho		NA	TIONAL GUA	ARD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUM	IBER	8. PROJECT COS	T (\$000)
		85413	1		
0505896A	17180	16009	98	Approp	15,000
12. SUPPLEMENTAL DAT	ra (CONTINUED)			•	
B. Equipment as other appropriati	sociated with this prons:	roject whic	h will be	provided fro	m
Equipment Nomenclature		Procuring Appropriati	Ar	scal Year propriated Requested	Cost (\$000)

Equipment Nomenclature	Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	Future Request	750
Kitchen Equipment (Type C)	OMNG	Future Request	50
ESS (171R)	OPA	Future Request	40
Info Sys - ISC	OPA	Future Request	338
Info Sys - PROP	OMNG	Future Request	447
		Total	1,626

1.	COMPONENT			FY 2022 GU	ARD AND RESERVE		2. DATE			
	ARNG			MILITARY	CONSTRUCTION		MAY 2021			
								-		
3.	INSTALLATION AND	LOCATION					4. AREA CO	NSTRUCTION		
	Bloomington			INS	SNO= 17A05		COST IN	IDEX		
	Illinois							1.02		
_										
5.	FREQUENCY AND TYP	E OF UTILI	ZATION							
	Maintenance opera	tions full	time 5 day	s/week and	d 1 weekend/month	for IDT Units.				
6.	OTHER ACTIVE/GUAR	D/RESERVE	INSTALLATIO	NS WITHIN	15 MILE RADIUS					
	ARNG Bloomingt	on, IL	3.	00 miles	Readiness Center	4,170 m2	(44,886 SF)	1951		
	ARNG Bloomingt	on, IL	3.	00 miles	Maintenance Facil	lity 885 m2	(9,523 SF)	1951		
	_	on, IL				1,484 m2				
	_					2,674 m2				
	ARNG Delavan,	TF					(28,784 SF)	1938		
	ARNG Pontiac,	IL	34.	00 miles	Readiness Center	3,050 m2	(32,825 SF)	1938		
	ARNG Peoria,	ĽL	38.	00 miles	Readiness Center	1,824 m2	(19,635 SF)	1982		
7.	PROJECTS REQUESTE	D IN THIS	PROGRAM							
	CATEGORY PROJECT	TITLE				COST	DESIGN	STATUS		
	CODE NATIONA	L GUARD VE	HICLE		SCOPE	(\$000)	START	CMPL		
				2 000						
	21407 MAINTEN	IANCE SHOP		3,002 m	2 (32,308 SF)	15,000	JAN 2020	OCT 2021		
8	STATE GUARD/RESER	VE FORCES	FACTI.TTTFC	BOARD PEC	MMENDATTON					
٥.						DEGEDITE	40			
	FACILITIES IDENTI	FIED IN IT	EM #6 HAVE	BEEN EXAM	INED BY THE STATE	RESERVE FORCES	18 NC	V 2020		
	FACILITIES BOARD	FOR POSSIB	LE JOINT US	E/EXPANSIO	ON. THE BOARD REC	OMMENDATIONS ARE	(D	ate)		
	UNILATERAL CONSTR	UCTION.								
9.	LAND ACQUISITION	REQUIRED								
	None							0		
							(Number of	acres)		
							(1.0	401057		
10	. PROJECTS PLANNED	IN NEXT F	OUR YEARS							
	CATEGORY							COST		
						22277				
		TITLE				SCOPE		(\$000)		
	NONE									
	DEFERRED SUSTAINM	ENT, RESTO	RATION, AND	MODERNIZA	ATION (SRM):	5,280				
	A SITE SURVEY HAS	BEEN COMP	LETED AND T	HE SITE IS	S SUITABLE FOR CO	NSTRUCTION OF THE	PROPOSED PR	OJECT AT		
	THE ESTIMATED COS	T INDICATE:	D.							
11	. PERSONNEL STRENG	TH AS OF 3	0 SEP 2020							
			PERMANEN	T		GUARD/R	ESERVE			
		TOTAL	OFFICER E	ENLISTED	CIVILIAN	TOTAL OF	FICER ENLI	QTFD		
				_						
	AUTHORIZED	27	0	0	27	0	0	0		
	ACTUAL	9	0	0	9	0	0	0		
ı										
		'A								
10	. RESERVE INTT DAT						am ===	I CITILI		
12	. RESERVE UNIT DAT						STREN	IGTH		
12	. RESERVE UNIT DAT									
12	. RESERVE UNIT DAT			UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL		
12		NG FLD MAI	NT)	UIC W8S217	<u>TPSN</u>	MTOE/TDA NGW8S2AA	AUTHORIZED 0			
12	UNIT DESIGNATION	NG FLD MAI	NT)		TPSN			0		
12	UNIT DESIGNATION	NG FLD MAI	NT)		TPSN		0	0		
12	UNIT DESIGNATION	NG FLD MAI	NT)		TPSN	NGW8S2AA	0	0		
12	UNIT DESIGNATION	NG FLD MAI	NT)		TPSN	NGW8S2AA	0	0		
12	UNIT DESIGNATION	NG FLD MAI	NT)		TPSN	NGW8S2AA	0	0		
12	UNIT DESIGNATION	ING FLD MAI	NT)		<u>TPSN</u>	NGW8S2AA	0	0		
12	UNIT DESIGNATION	ING FLD MAI	NT)		<u>TPSN</u>	NGW8S2AA	0	0		
12	UNIT DESIGNATION	ENG FLD MAI	NT)		<u>TPSN</u>	NGW8S2AA	0	0		
12	UNIT DESIGNATION	ENG FLD MAI	NT)		TPSN	NGW8S2AA	0	0		
12	UNIT DESIGNATION	ING FLD MAI	NT)		TPSN	NGW8S2AA	0	0		

. COMPONENT	FY 2022 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		MAY 2021
. INSTALLATION AND	LOGRETON		4 ADEA CONCEDIONA
			4. AREA CONSTRUCTIO
Bloomington	INSNO= 17A05		COST INDEX
Illinois			1.02
. MAJOR EQUIPMENT	AND AIRCRAFT		
TYPE		AUTHORIZED) ACTUA
WHEELED		218	 B
TRAILER		110	
TRACKED		C	
EQUIPME	NT > 30 FT	9	
Fuel Tr	ıck	2	2
HET		0	
TOTALS		339)
OUTSTANDING POLI	UTION AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR	POLLUTION	C)
	R POLLUTION	C	
	PATIONAL SAFETY AND HEALTH	0	
C. 0CC0	FAITONAL SAFEII AND REALIN	·	,

1. COMPONENT								2. DA	TE
	FY 2022 MILITA	7 Y	ONSTRI	ICTT(N PROJECT	ΔΤΔ			
ARNG	11 2022 11111111		.01101100	,,,,,	on incoder	D11111		MΑΥ	Y 2021
3. INSTALLATION AND LOCATI	ION			4.	PROJECT TITLE				
Bloomington									
Illinois				NZ	ATIONAL GUA	ARD VEHIC	CLE M	AINT	ENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJE	CT NUI	MBER	8. PROJE	CT COST	(\$00	0)
			9	9019	3				
0505896A	21407		-	1716	08	Approp		15	,000
		9. C	OST ESTI	MATES					
I'	TEM	UM	(M/E)		QUANTITY		UNIT (COST	COST(\$000)
PRIMARY FACILITY									10,958
21407 Maintenance S	Shop	m2	(SF)		3,002 (32,308)	3,	388	(10,168)
85210 Rigid Pavemer	nt for MEP	m2	(SY)		2,717 (3,250)	211	.58	(575)
Sustainabili	ity/Energy Measures	LS							(215)
SUPPORTING FACILITI	<u>IES</u>								2,850
Electric Service		LS							(80)
Water, Sewer, Gas		LS						(240)	
Paving, Walks, Curk	os And Gutters	LS	LS					(1,375)	
Storm Drainage		LS							(107)
Site Imp(329) Demo		LS							(329)
Information Systems	5	LS							(42)
Antiterrorism Measu	ıres	LS							(248)
Other		LS							(429)
ESTIMATED CONTRACT	COST								13,808
CONTINGENCY (5.00%))								690
SUBTOTAL									14,498
SUPV, INSP & OVERH	EAD (3.46%)								502
TOTAL REQUEST									15,000
TOTAL FEDERAL REQUE	EST								15,000
TOTAL FEDERAL REQUE	EST (ROUNDED)								15,000
INSTALLED EQT-OTHER								İ	(1,119)
10. Description of Propose	ed Construction A spec	ial	ly des	igne	d National	Guard V	ehicl	е Ма	aintenance
Shop of permanent of	construction. The Na	tion	nal Gua	ard '	Vehicle Ma	intenanc	e Sho	p ir	ncludes the
following items tha	at are integral to t	he i	Eacilit	ty;	Organizati	onal Veh	icle	Park	king
(Paved). Comprehens	sive interior design	sei	cvices	are	requested	. This f	acili	.ty v	will be
designed to meet Tr	ndustry Standards as	W6-	ll ag a	all	local Sta	te and	Feder	al l	nuildina

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). 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 34,251 SQFT. Disposal of 1 building at Peoria Army Aviation Support Facility 3, IL (Total 236 m2/2,538 SF), 1 building at Delavin Readiness Center, IL (Total 2,674 m2/28,784 SF), and 1 building at Camp Lincoln Training Site, IL (Total 272 m2/2,929 SF). Air Conditioning (Estimated 91 kWr/26 Tons).

11. REQ: 3,002 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 32,308 SF National Guard Vehicle Maintenance Shop that supports

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC	TION PROJECT	DATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Bloomington Illinois			NATIONAL GUA	RD VEHICLE M	AINTENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Г (\$000)
0505896A	21407		193 1608	Approp	15,000

PROJECT: (CONTINUED)

both organizational and support maintenance to repair combat and tactical vehicles for the ILARNG. This facility will be built on the State of Illinois Military Reservation in Bloomington, IL. (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 central Illinois region, in order to address facility shortages and inadequacies as defined in the ISR-I. The proposed National Guard Vehicle Maintenance Shop 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. This facility is used 5 days a week by the full time staff and will be used on drill weekends for training purposes and mission requirements. Supported

units/UICs include:

WP44AA - 44th Chemical Battalion. (Unit moving from Macomb to Bloomington)

WPCSB0 - B Co 634th Brigade Support Battalion, Champaign. (Equipment

currently being maintained in Urbana will be moved to Bloomington)

WX1MD0 D Co 766th Brigade Engineer Battalion, Decatur. (Equipment currently being maintained in Decatur will be moved to Bloomington)

WY74AA - HHC 404th Maneuver Enhanced Brigade, Normal. (Equipment currently being maintained in Peoria will be moved to Bloomington)

WQTGAA HHC 33rd Infantry Combat Team, Urbana. (Equipment currently

maintained in Urbana will be moved to Bloomington)

WPBSAA 450th Chemical Detachment (Unit moving from Macomb to Bloomington)

W978AA - 176th Cyber Protection Team.

WX4ZA0 - Trp A, 2-106th Cavalry Squadron.

CURRENT SITUATION: This project is critical to the state of Illinois because in the central part of the state there is no existing Vehicle Maintenance Shop. The new facility will provide for vehicle maintenance for ILARNG military equipment traversing the state in both north-south and east-west directions. A lack of a centrally located Vehicle Maintenance Shop will impair the ability to provide vehicle maintenance in the event of a natural or man-made disaster or to provide day to day service for Readiness Centers located in central Illinois to include Normal, Urbana, Pontiac, Champaign and Bloomington. The current Vehicle Maintenance Shop (FMS #17) in Urbana will close and its functions moved to this proposed facility. The current facilities have a deficit of 77% square footage of the overall requirement with a total ILARNG Vehicle Maintenance Shop (Category Code 21407)deficit of 349,500 SF. The former Vehicle Maintenance Facility FMS #16 was closed in 2012 and converted to storage and the consolidated ILARNG Secure Communications facility housing the Temporary Secure Work Area (TSWA).

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

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

1. COMPONENT					2. DATE	
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT	DATA		
ARNG					MAY 2021	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Bloomington Illinois			NATIONAL GIIZ	ARD VEHICLE M	IATNTENANCE	SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT		8. PROJECT COST		
J. PROGRAM EEEMENT	o. childoki cobb	•	193	o. Thoose cos	1 (\$000)	
0505896A	21407	17	1608	Approp	15,000	
CURRENT SITUATION: (C	CONTINUED)					

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

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
17C60	7662	21407	0003A	2019	F3	Q3	C4	Veh Maint Shop
17C60	7662	21407	0002A	2019	F3	Q3	C4	Veh Maint Shop Annex

Compliance issues include, but are not limited to, the fact the existing Vehicle Maintenance Facility does not meet current design criteria. Does not 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. ATFP measures do not meet current standards and cannot be met due to obsolete facility construction/design and site layout.

IMPACT IF NOT PROVIDED: If this project is not provided the Vehicle Maintenance support will remain in 1950s vintage facilities that do not meet current design standards and are not located per the ILARNG long range stationing plan and vision. The supported units' readiness and other major end items will be adversely affected due to having inadequate capability of providing maintenance support in the central geographical area of the State. Maintenance personnel will continue to perform their mission in substandard 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. The existing facilities meet no ATFP requirements they were not constructed to meet any ATPF criteria. 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.

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.

1. COMPONENT						2. DATE
		FY 2022 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG						MAY 2021
3. INSTALLATION AN	ID LOCATION			4. PROJECT TITLE		
Bloomington						
Illinois		Te	I			AINTENANCE SHOP
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT		8. PROJECT COST	ľ (\$000)
05050067		21.407		193		15 000
0505896A ADDITIONAL: (CONTINUE	21407	1/	1608	Approp	15,000
,		ternative methods of	meeting	this require	ment have be	en explored
		pment. This project				_
requirement.		Function Total Factors		7		
-						
JOINT USE CER	TIFICATI	ON: The Deputy Assis	tant Sec	retary of the	Army (Insta	allation and
Housing) cert	ifies th	at this project has	been con	sidered for jo	oint use pot	ential. Mission
requirements,	operati	onal considerations,	and loc	ation are inco	ompatible wi	ith use by other
components.						
		have been made for s			and the proj	ject is not in a
100-year floo	dplain i	n-accordance-with Ex	ecutive	Order 11988.		
12. SUPPLEME	NTAL DAT	A:				
A. Estin	nated Des	— sign Data:				
(1)	Status:					
, ,	(a) Des	sign Start Date				JAN 2020
		cent Complete as of				65
		te 35% Designed				JUN 2020
		-				
		te Design Complete				OCT 2021
		rametric Cost Estimat			osts	NO
	(f) Typ	be of Design Contract	: Desig	n-bid-build		
	(g) An	energy study and lif	e cycle	cost analysis	will be	
	doc	cumented during the f	inal des	sign.		
(2)	Basis:					
(2)		andard or Definitive	Dogian:	NO		
	(d) Sta	andard or Delinitive	Design.	NO		
(3)		esign Cost $(c) = (a) +$				(\$000)
	(a) Pro	duction of Plans and	l Specifi	cations		839
	(b) All	Other Design Costs.				476
	(c) Tot	al Design Cost				1,315
		tract				1,315
		-house				
	(€) III-	1100ac		• • • • • • • • • • • • • • • • • • • •	• • • • •	
	_					
(4)	Construc	ction Contract Award.		• • • • • • • • • • • • • • • • • • • •		MAR 2022

COMPONENT	EV 2022 MT	TIMADA GONGEDIIGETON DDG		2. DATE
ARNG	FY 2022 MI.	LITARY CONSTRUCTION PRO	DECI DATA	MAY 2021
INSTALLATION AND LOC	ATION	4. PROJECT	r title	1111 2021
oomington				
linois		NATIONA	L GUARD VEHICLE MA	AINTENANCE SHO
PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)
		90193		
05896A	21407	171608	Approp	15,000
. SUPPLEMENTAL	·			
	d Design Data: (CC			
(5) Cons	struction Start		• • • • • • • • • • • • • • • • • • • •	MAY 2022
(6) Cons	struction Completi	ion		MAR 2024
B. Equipment other appropri		this project which wil		1
Equipment		Procuring	Fiscal Year Appropriated	Cost
Nomenclature		Appropriation	Or Requested	(\$000)
F F & E		OMNG	Future Request	750
Info Sys - ISO	7	OPA	Future Request	59
Info Sys - PRO		OMNG	Future Request	310
			_	
			Total	1,119

_							
1.	COMPONENT			UARD AND RESERVE		2. DATE	
	ARNG		MILITAR	Y CONSTRUCTION		MAY 202	1
3.	INSTALLATION AND I	OCATION				4. AREA CO	NSTRUCTION
	Topeka		IN	ISNO= 20D20		COST IN	DEX
	Kansas						.95
5.	FREQUENCY AND TYPE	OF UTILIZATION					
	Administration 5 d	ays/week, with	2-day training	assembly 2-3 tim	mes/month.		
_	OFFICE A CONTROL (CLIANE	/DEGEDITE INGENT	TARTONG MITHUE	. 15 MILE DADING			
٥.	OTHER ACTIVE/GUARD				F 070 0	/EC 700 GE)	1007
	USAFR Topeka, KS			USAR Center		(56,722 SF)	1997
	ARNG Topeka, K				lity 5,102 m2		1952
	ARNG Topeka, K				13,548 m2		1955
	ARNG Topeka, K	3		USPFO Office	7,552 m2		1952
	USAFR Lawrence,	KS	28.00 miles	USAR Center	1,537 m2		1965
	ARNG Lawrence,	KS	30.00 miles	Readiness Center	1,706 m2	(18,364 SF)	1961
7.	PROJECTS REQUESTED	IN THIS PROGRA	M				
	CATEGORY PROJECT				COST	DESIGN	STATUS
		GUARD/RESERVE		SCOPE	(\$000		CMPL
		BUILDING	5 482 n	12 (59,005 SF)		2 OCT 2019	OCT 2021
	1/112 CENTER I	JOHDING	3,102	(33,003 51)	10,73		
8.	STATE GUARD/RESERV	E FORCES FACILI	TIES BOARD REC	OMMENDATION			
	FACILITIES IDENTIF	IED IN ITEM #6	HAVE BEEN EXAM	INED BY THE STATE	E RESERVE FORCES	08 SE	P 2020
	FACILITIES BOARD F	OR POSSIBLE JOIN	NT USE/EXPANSI	ON. THE BOARD REC	COMMENDATIONS ARE	(D	ate)
	JOINT CONSTRUCTION	1.					
9.	LAND ACQUISITION F	EOUIRED					
	None	~ -					0
						(Number of	acres)
10	. PROJECTS PLANNED	IN NEXT FOUR YE	ARS				
	CATEGORY						COST
	CODE PROJECT :	TITLE			SCOPE		(\$000)
	NONE						
	DEFERRED SUSTAINME	NT, RESTORATION	, AND MODERNIZ	ATION (SRM):	0		
		·	,				
	A SITE SURVEY HAS		AND THE SITE I	S SUITABLE FOR CO	ONSTRUCTION OF THE	PROPOSED PR	OJECT AT
	THE ESTIMATED COST	'INDICATED.					
11	. PERSONNEL STRENGT	H AS OF 30 SEP	2020				
		PERI	MANENT		GUARD/F	RESERVE	
		TOTAL OFFICE		CIVILIAN		FICER ENLIS	STED
	AUTHORIZED		0 32	125	183	102	81
	ACTUAL		9 42	139	183	102	81
	TIC TOTAL	210 2	, 12	137	103	102	01
12	. RESERVE UNIT DATA						
	. 112021112 01111	•				STREN	GTH
l	UNIT DESIGNATION		UIC	TPSN	MTOE/TDA	AUTHORIZED	
	(HQ ARNG ELMT, JFE	.U-KG)	 W8A1AA		NGW8A1AA	138	138
	(HQ ARMY ELE JFHQ-	-				3	3
			W928AA		NGW928AA		
	KS ANG HEADQUARTER	.b (UPHU)	FFL6Z0			42	
l						183	183
l							,
l					Assi	.gned/Authori	zed: 100%
l							

COMPONENT	FY 2022 GUARD AND RESERVE	2	2. DATE
ARNG	MILITARY CONSTRUCTION		MAY 2021
INSTALLATION AND LO		4	. AREA CONSTRUCTIO
Topeka	INSNO= 20D20		COST INDEX
Kansas			.95
			.,,,
. MAJOR EQUIPMENT ANI) AIRCRAFT		
TYPE		AUTHORIZED	ACTUAL
WHEELED		0	0
TRAILERS		0	0
TRACKED		0	C
EQUIPMENT	> 30 FT	0	(
Fuel Truck		0	(
HET		0	(
TOTALS		U	(
OUTSTANDING POLLUT	ION AND SAFETY DEFICIENCIES		
		(\$000)	
A. AIR POL	LUTION	0	
B. WATER P		0	
C. OCCUPAT	IONAL SAFETY AND HEALTH	0	

1. COMPONENT							2. D	ATE
	FY 2022 MILITA	RY (CONSTRU	CTION PROJE	CT D	ATA		
ARNG							MZ	AY 2021
3. INSTALLATION AND LOCATION				4. PROJECT T	TLE			
Topeka								
Kansas					GUAR			ER BUILDING
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJEC			8. PROJE	CT COST (\$0	00)
0505896A	17142		_	86491 200105		_	1.	C 722
0505896A	1/142	0 (COST ESTIM			Approp	Τ.	6,732
T	ħπ							T
ITE PRIMARY FACILITY	IVI	U	M (M/E)	TIALUQ	TTY		UNIT COST	COST(\$000) 14,001
17142 Readiness Cent	or.	ma	(SF)	5,482	, ,	59,005)	2,422	
		EA		3,462 · 1 ·		39,003)	l	
82187 Backup/Emergen		LS		1 -			450,000	
Sustamabilit	y/Energy Measures	L		-				(275)
		ŀ						+
SUPPORTING FACILITIE	Q C							1,245
Electric Service	<u>-</u>	LS	,	_				(120)
Water, Sewer, Gas		LS		_				(256)
Paving, Walks, Curbs	And Gutters	LS		_				(431)
Storm Drainage	And Guccers	LS		_				(134)
Site Imp(140) Demo()	LS		_				(140)
Information Systems	1	LS		_				(14)
Antiterrorism Measur	2 0	LS		_				(93)
Other	CD	LS		_				(57)
Oction		1	, l					(37)
ESTIMATED CONTRACT C	OST							15,246
CONTINGENCY (5.00%)								762
SUBTOTAL								16,008
SUPV, INSP & OVERHEA	D (4.52%)							724
TOTAL REQUEST	,							16,732
TOTAL FEDERAL REQUES	Γ							16,732
INSTALLED EQT-OTHER .								(2,522)
~								(- , ,
10. Description of Proposed	Construction A spec	ial	ly desi	gned Nation	nal (Guard R	.eserve (lenter
Building of permanen								
the following items	that are integral	to	the fac	ility; Bac	kup,	/Emerge	ncy Gene	rator and
Organizational Milit								
This facility will b								
and Federal building								
utility services, in								
curbs, gutters, stor								
designed to a minimum								

11. REQ: 5,482 m2 ADQT: 3,777 m2 SUBSTD: NONE PROJECT: To construct a 59,005 SQFT National Guard/Reserve Center, a building or buildings that support individual and collective training as well as administrative,

in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 59,124 SQFT. Disposal of 1 building at JFHQ - KANSAS, KS (Total 5,119 m2/55,098 SF), and 1 building at Forbes Field, KS (Total 374 m2/4,026 SF). Air

Conditioning (Estimated 1,104 kWr/314 Tons).

(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

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT	T DATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITL	Æ	
Topeka Kansas			NATIONAL GU	JARD/RESERVE C	ENTER BUILDING
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17142	1	491 0105	Approp	16,732

PROJECT: (CONTINUED)

automation and communications, and logistical requirements for the Army National Guard (ARNG) and Air National Guard (ANG). This facility will be built on the Army Licensed Site to the Kansas Army National Guard at Forbes Field, Topeka, KS. The requested amount is \$15,000,000 ARNG and \$1,732,000 ANG for a total of \$16,732,000. (Current Mission) REQUIREMENT: This facility is designed to partially meet the administrative, storage, and training requirements of a Joint Forces Headquarters (JFHQ) for the listed units authorized 183 soldiers namely: W8A1AA with 138 soldiers, and W928AA with 3 soldiers, and 42 airmen in accordance with JFHQ-KS relocation master plan. Personnel assigned to the JFHQ-KS currently occupy all or portions of eight separate buildings on two sites in Topeka which are now utilized at 120% of full capacity. New facilities at Topeka Forbes ANGB will house a full-time JFHQ workforce of 110 full-time administrative positions. The center is the single gathering point for Reserve Component personnel and is a mobilization platform during Federal and State activation of Reserve Component troops. Building serves as a headquarters for Table of Organization and Equipment (TOE) and Table of Distribution and Allowances (TDA) organizations and provides support to the community. A building or buildings that support individual and collective training as well as administrative, automation and communications, and logistical requirements for the KSARNG and KSANG.

CURRENT SITUATION: This project is critical to the state of Kansas due to the current situation of mission readiness. The primary facility supporting this mission was built in 1955 and does not comply with current NG Pam 415-12 standards. The units are currently working in eight buildings on two sites with 82% authorized space. Future goal is to move JFHQ personnel from site code 20D16 and from Cat Code 61050 Blgs to Cat code 17142 JFHQ Bldg at Forbes Field ANGB. The Administrative Bldgs Cat Code 61050 are rated C1 due to RPLANS edit justifying the square footage requirements for JFHQ personnel assigned to these buildings. Current facilities lack design functionally for administrative space within a Joint Forces Headquarters and there are substantial shortages of administrative space, toilets, showers, and locker rooms. AT/FP setback requirements cannot be met due to the proximity to a major road. Current facility is not energy efficient and has a history of high maintenance costs. Renovation is imprudent because of AT/FP issues and the design functionality of interior spaces within the JFHQ.

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

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

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

Site	Site	Cat	FACNO	ISR-I	F	Q	С	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
20D16	7579	17180	00102	2019	F4	Q3	C3	Nickell Readiness
								Center
20D16	7579	61050	00100	2020	F3	Q2	C1	State Defense Blgs
20D16	7579	61050	00101	2016	F4	Q1	C1	CFMO
20D16	7579	61050	00201	2018	F3	Q1	C1	CBPO & SASMO Ready
20D20	2080	61050	2003	2018	F2	Q1	C1	Bldg

1. COMPONENT									2. DATE	
		FY 2	2022 MIL	ITARY (CONSTRUC'	TION PRO	DJECT D	ATA		
ARNG									MAY 2021	
3. INSTALLATION AND LO			4. PROJECT TITLE							
Topeka										
Kansas NATIONAL GUARD/RESERVE							D/RESERVE C	ENTER BUILDING		
5. PROGRAM ELEMENT		6. CATE	GORY CODE		7. PROJECT	NUMBER		8. PROJECT COST	Γ (\$000)	
					86	491				
0505896A		1	7142		20	0105		Approp	16,732	
CURRENT SITUATIO	ON: (CO	UNITNC	ED)							
20D20 2080 61	1050	2005	2017	F1	Q1	C1	Wing H	HQ		
20D20 2080 61	1050	0670	2017	F2	Q1	C1	HRO Of	ffices		

IMPACT IF NOT PROVIDED: The JFHQ in Kansas will continue to struggle with facilities that are over 60 years old, poorly situated and inefficiently designed to the JFHQ function. AT/FP standards will remain compromised. Opportunity to utilize modern, efficiently designed space in one concentrated location, namely Topeka Forbes Field ANGB, will go unrealized. Resource protection manpower will not be consolidated. Estimated savings lost in operating cost over a 10 year period exceeds \$8.9M. Delays in funding will prolong the use of facilities that negatively impact the JFHQ function and thus overall readiness.

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.

<u>PHYSICAL SECURITY</u>: 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 2019
(b)	Percent Complete as of January 2021	35
(C)	Date 35% Designed	OCT 2020
(d)	Date Design Complete	OCT 2021

1. COMPONENT				Ţ	2. DATE
		FY 2022 MILIT	ARY CONSTRUCTION PRO	OJECT DATA	
ARNG		11 2022 111211		00201 211111	MAY 2021
3. INSTALLATION A	AND LOCA	ATION	4. PROJEC	T TITLE	
Topeka					
Kansas			NATIONA	AL GUARD/RESERVE CI	ENTER BUILDING
5. PROGRAM ELEMEN	IT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)
			86491		
0505896A 12. SUPPLEM	ד גיייזאיד	17142 DATA (CONTINUED	200105	Approp	16,732
			_		
A. ESU		d Design Data: (CONT		3 G .	370
	(e)		timating Used to Dev		NO
	(f)		tract: Design-bid-k		
	(g)		d life cycle cost ar	nalysis will be	
		documented during	the final design.		
(2)	Basi	is:			
	(a)	Standard or Defini	tive Design: NO		
(3)	Tota	al Design Cost (c) =	(a)+(b) OR $(d)+(e)$:		(\$000)
	(a)	Production of Plan	s and Specifications	S	915
	(b)	All Other Design C	osts		518
	(c)				1,433
	(d)				1,433
	(e)				
	(0)	111 110 45 6			
(1)	Conc	struction Contract A	ward		OCT 2021
(4)	COIIS	Struction Contract A	waru		
(-	Q				DEG 2021
(5)	Cons	struction Start			DEC 2021
(6)	Cons	struction Completion			OCT 2023
B. Equi	pment	associated with th	is project which wil	ll be provided from	ı
other app			1 5	-	
				Fiscal Year	a .
Equipment Nomenclat			Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
	ure				
F F & E			OMNG	Future Request	750
ESS (171F Info Sys		7	OPA OPA	Future Request Future Request	1,054 395
Info Sys			OMNG	Future Request	322
IIIIO BYS	PAC) <u>.</u>	OPING	rucure request	344
				Total	2,522
					•

1. COMPONENT			FY 2022 GUARD	AND RESERVE		2. DATE	
ARNG			MILITARY CO	NSTRUCTION		MAY 202	1
3. INSTALLATION	ON AND LOCATIO	ON				4. AREA CO	NSTRUCTION
Lake Charl	es		INSNO=	= 22B64		COST IN	IDEX
Louisiana							1.25
5. FREQUENCY	AND TYPE OF UT						
Administra	tion 5 days/we	eek, with 2-da	y training ass	sembly 2-3 times	s/month.		
6. OTHER ACTI	VE/GUARD/RESER	RVE INSTALLATI	ONS WITHIN 15	MILE RADIUS			
ARNG De	quincy, LA	26	.00 miles Rea	diness Center	1,156 m2	(12,446 SF)	1984
ARNG De	ridder, LA	51	00 miles Rea	diness Center	1,167 m2	(12,563 SF)	1980
ARNG Cr	owley, LA	54	1.00 miles Rea	diness Center	1,801 m2	(19,390 SF)	1948
7 DDATECTS D	TH THE CHAPTER THE	TTC DDOCDAM					
	EQUESTED IN TH				GOGE	DEGLON	cma mrro
	PROJECT TITLE				COST		
	NATIONAL GUARI			SCOPE	(\$000		CMPL
17180	READINESS CEN	TER	5,611 m2	(60,391 SF)	18,50	00 JAN 2019	OCT 2021
8. STATE GUAR	D/RESERVE FORC	CES FACILITIES	BOARD RECOMME	ENDATION			
FACILITIES	IDENTIFIED IN	I ITEM #6 HAVE	BEEN EXAMINEI	D BY THE STATE F	RESERVE FORCES	29 SE	P 2020
FACILITIES	BOARD FOR POS	SSIBLE JOINT U	SE/EXPANSION.	THE BOARD RECOM	MMENDATIONS ARE	(D	ate)
UNILATERAL	CONSTRUCTION.						
a gour	· ===== ==============================						
~	SITION REQUIRE	₫D					•
None							
						(Number of	acres)
10. PROJECTS	PLANNED IN NEX	T FOUR YEARS					
CATEGORY							COST
	ROJECT TITLE				SCOPE		(\$000)
NONE							
DEFERRED S	JSTAINMENT, RE	STORATION, AN	D MODERNIZATIO	ON (SRM): 10	0,000		
A SITE SUR	VEY HAS BEEN C	OMPLETED AND	THE SITE IS ST	JITABLE FOR CONS	STRUCTION OF TH	F PROPOSED PR	OJECT AT
	TED COST INDIC		11111 2	/11111111	J111001_1	E INC.	.00201
11. PERSONNEL	STRENGTH AS C	OF 30 SEP 2020	ı				
		PERMANE	NT		GUARD/	RESERVE	
	TOTAL	OFFICER	ENLISTED CIV	VILIAN	TOTAL O	FFICER ENLI	STED
AUTHORIZED	26	4	22	0	143	21	122
ACTUAL	14	2	12	0	173	23	150
12. RESERVE U	NIT DATA	_	_			_	
						STREN	IGTH
UNIT DESIG	NATION		UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL
HHC (BN IN	F BN (IBCT))		WPQRT0	14256	07215KNG09	108	125
DET 1, CO	H 199 SPT BN (BN BDE SPT	WQP1H1		63035KNG05	33	46
CO B, LA A	RNG REC & RET	BN (BN LOUI	W90VB1		NGW90VAA	2	2
						143	173
					Ass	igned/Authori	zed: 121%
						_	

COMPONENT	FY 2022 GUARD AND RESERVE	2. 1	DATE
ARNG	MILITARY CONSTRUCTION	1	MAY 2021
INSTALLATION AND L	OCATION .	1	AREA CONSTRUCTIO
Lake Charles	INSNO= 22B64	,	COST INDEX
Louisiana			1.25
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE		AUTHORIZED	ACTUA
WHEELED		37	3:
TRAILERS		42	4
TRACKED		0	
EQUIPMENT	> 30 FT	3	
Fuel Truc		0	
	T.		
HET		0	
TOTALS		82	8
OUTSTANDING POLLU	FION AND SAFETY DEFICIENCIES		
. OUIDIIMDING TOLLO	TOW THE STREET BEFFEEINGIES	(\$000)	
A ATD 50	LLITTON		
A. AIR PC		0	
	POLLUTION	0	
C. OCCUPA	TIONAL SAFETY AND HEALTH	0	

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC'	TION PROJECT I	DATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION	N		4. PROJECT TITLE		
Lake Charles					
Louisiana			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	Γ (\$000)
			434		
0505896A	17180	22	0141	Approp	18,500
	9.	COST ESTIMA	TES		

9. COST ESTIMATES						
ITEM	UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						18,429
17180 Readiness Center	m2	(SF)	4,481 (48,232)	3,100	(13,891)
21411 Detached General Purpose Trainin	m2	(SF)	774.53 (8,337)	3,068	(2,376)
44224 Unheated Storage Building	m2	(SF)	260.31 (2,802)	1,615	(420)
44228 Controlled Waste Facility	m2	(SF)	30.66 (330)	1,345	(41)
44240 Flammable Materials Facility	m2	(SF)	10.22 (110)	1,453	(15)
Total from Continuation page(s)						(1,686)
SUPPORTING FACILITIES						4,278
Electric Service	LS					(74)
Water, Sewer, Gas	LS					(263)
Paving, Walks, Curbs And Gutters	LS					(1,274)
Storm Drainage	LS					(289)
Site Imp(1,800) Demo()	LS					(1,800)
Information Systems	LS					(61)
Antiterrorism Measures	LS					(262)
Other	LS					(255)
ESTIMATED CONTRACT COST						22,707
CONTINGENCY (5.00%)						1,135
SUBTOTAL						23,842
SUPV, INSP & OVERHEAD (3.46%)						825
TOTAL REQUEST						24,667
State Share						6,167
TOTAL FEDERAL REQUEST						18,500
TOTAL FEDERAL REQUEST (ROUNDED)						18,500
INSTALLED EQT-OTHER APPROP						(1,821)

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, Overhead Protection, Electric Power, Photovoltaic and Heating Plant, Solar. 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 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 61,495 SQFT. Disposal of 1 building at Jennings Readiness Center, LA (Total 1,330 m2/14,319 SF), 1 building at Jonesville Readiness Center, LA (Total 1,619 m2/17,429 SF), 1 building at Oakdale Readiness Center, LA (Total 1,616 m2/17,390 SF), and 1 building at Winnfield Readiness Center, LA (Total

1. COMPONENT					2. DAT	ΓE		
FY 2022 MIL	ITARY (CONSTRUC	TION PROJE	CT DATA				
ARNG	MAY	7 2021						
3. INSTALLATION AND LOCATION 4. PROJECT TITLE								
Lake Charles								
Louisiana			NATIONAL	GUARD READ	INESS CEN	TER		
5. PROGRAM ELEMENT 6. CATEGORY CODE		7. PROJECT	NUMBER	8. PROJI	CT COST (\$00	0)		
		81	5434					
0505896A 17180			20141	Approp	18	,500		
9. COST ESTIMATES (CONTINUED)								
					UNIT	COST		
ITEM	UM	(M/E)	QUANT	TITY	COST	(\$000)		
PRIMARY FACILITY (CONTINUED)								
81160 Backup/Emergency Generator	EA		1 -		150,000	(150)		
85210 Rigid Pavement for MEP	m2	(SY)	3,554 (4,250	143.52	(510)		
81122 Electric Power, Photovoltaic	EA		1 -		200,000	(200)		
82182 Heating Plant, Solar	EA		1 -		75,000	(75)		
14179 Overhead Protection	m2	(SF)	53.88 (580	1,163	(63)		
Sustainability/Energy Measure	es LS		-			(353)		
Antiterrorism Measures	LS		-			(335)		
					Total	1,686		

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

1,148 m2/12,357 SF). Air Conditioning (Estimated 728 kWr/207 Tons).

11. REQ: 5,611 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 60,391 SQFT National Guard Readiness Center that supports training, administrative and logistical requirements for the LAARNG. This facility will be built on the State of Louisiana Military Installation consisting of 61 acres of land located at Chenault Airfield in Lake Charles. (Current Mission)

REQUIREMENT: This facility is required to station the HHC 3-156 Inf BN (IBCT) and Det 100 H 199th SPT BN (BN BSB IBCT ABN). No other adequate facilities are available to support these units. This facility is required to house the units mentioned above for peace-time training and ensure the equipment is prepared for mobilizations. The current facility has age related problems which include water damage due to a perpetual roof leak, lacks proper layout space for missions and is severely undersized in building and land.

CURRENT SITUATION: This project is critical to the state of Louisiana due to the current situation of a building built in 1957 which does not meet building codes or criteria. The units are currently operating in a facility that is only 38% of the authorized space. Renovation is not a viable alternative because the 3 acre site, shared with a Vehicle Maintenance Shop, is too small for expansion. The RC's envelope components are in poor condition and need of repair; the roof leaks during every rain event and the drain in the kitchen backs up causing severe interior flooding. The HVAC system is aged and needs replacement. Plumbing systems, natural gas piping, sanitary systems and related distribution components are original to the building and in need of repair. Due to the uneven ground around the exterior and the congested configuration of the interior, low light levels create movement hazards during power failures and during hours of darkness. The building lacks a fire suppression system, access control and the alarm system is antiquated. This facility also has limited parking for both private and military vehicles. The existing parking lots have broken, damaged and missing surface materials which creates hazards for moving vehicles and foot traffic.

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

Currently, the state of Louisiana has completed the environmental assessment on this

1. COMPONENT					2. DATE
	FY 2022 MILITAR	Y CONSTRUCT	TION PROJECT DA	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOC	CATION		4. PROJECT TITLE		
Lake Charles Louisiana			NATIONAL GUARI	READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17180		434 0141	Approp	18,500
CURRENT STTUATION			<u></u>	-FFOF	

CURRENT SITUATION: (CONTINUED)

project.

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

This project will mitigate the "probability" of respiratory hazards due to soldiers exposed to visible black mold growth from years of water intrusion. Currently 40% of the Readiness Center has water intrusion due to a leaking roof. The facility is severely undersized, inadequately configured and training objectives cannot be accomplished. This causes a "major" threat to the safety and well being of the soldiers of the LAARNG.

The cost to repair the existing facility will exceed SRM allowances and the site will not support new requirements.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
22B60	5780	17180	00001	2020	F4	02	C3	Lake Charles

The existing facility does not comply with the NG Pam 415-12, Installation Status Report (ISR) Mission and Quality, current code requirements, Anti-Terrorism Force Protection and American Disabilities Acts and lacks adequate training areas, administrative space, supply room space, kitchen space, toilets/showers, physical fitness space, locker room space, privately owned vehicle parking, military parking and unheated storage space.

Since the facility is not sized and configured adequately time is wasted trying to meet mission requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, the assigned units' ability to meet its readiness and training objectives will continue to be adversely affected. Delays in the funding of this project will force the continued use of an unsafe, inadequate facility and the space deficiencies will continue to negatively impact mission readiness and morale. The lack of proper and adequate training, logistical and administrative areas will continue to impair the attainment and sustainment of required readiness levels. Construction of this facility will reduce the Louisiana Army Guard's overall shortfall in 17180 space identified in the Army's Real Property Planning and Analysis System (RPLANS). The amount of O&M money required to bring the facility to an ISR F2,Q2 rating would far exceed the cost of new construction. The present facility's condition as well as lack of adequate space (building and land) will reduce training and mobilization readiness.

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

PHYSICAL SECURITY: This project has been coordinated with the installation physical

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Lake Charles Louisiana			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	434		
0505896A	17180	22	0141	Approp	18,500
ADDITIONAL CONTINUES	1D \				

ADDITIONAL: (CONTINUED)

security plan, and all physical security measures are included.

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

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

<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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Design Start Date	JAN	2019
(b)	Percent Complete as of January 2021		65
(C)	Date 35% Designed	JUN	2019
(d)	Date Design Complete	OCT	2021
(e)	Parametric Cost Estimating Used to Develop Costs		NO

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
 - (a) Standard or Definitive Design: NC
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

1. COMPONENT				2. DATE
	FY 2022 MILIT	ARY CONSTRUCTION PRO	JECT DATA	
ARNG				MAY 2021
3. INSTALLATION AND LOC	CATION	4. PROJECT	T TITLE	
Lake Charles Louisiana		NATIONA	L GUARD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST	(\$000)
0505896A	17180	85434 220141	Approp	18,500
12. SUPPLEMENTAI	L DATA (CONTINUED)	I		·
A. Estimate	d Design Data: (CONT	- INUED)		
(a)	Production of Plan	s and Specifications		1,110
(b)		osts		1,024
(c)	_			2,134
(d)	_			2,134
(e)				
(0)	111 110450		• • • • • • • • • • •	
(4) Con	struction Contract A	ward		MAR 2022
(5) Con	struction Start			APR 2022
(6) Con	struction Completion			APR 2024
B. Equipmen other appropr	t associated with th iations:	is project which wil Procuring	l be provided from Fiscal Year Appropriated	n Cost
Nomenclature		Appropriation	Or Requested	(\$000)
F F & E		OMNG	Future Request	925
Kitchen Equip	ment (Type C)	OMNG	Future Request	50
ESS (171R)		OPA	Future Request	54
Info Sys - IS		OPA	Future Request	319
Info Sys - PR	OP	OMNG	Future Request	473
			Total	1,821

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1.	COMPONENT		FY 2022 GUAR	D AND RESERVE		2. DATE	
	ARNG		MILITARY C	ONSTRUCTION		MAY 2021	-
-	INSTALLATION AND I	OCATION				4. AREA CON	ICTRICTION
٥.		OCATION					
l	Saco		INSNO)= 23B95		COST IND	EX
	Maine					1	10
5.	FREQUENCY AND TYPE	OF UTILIZATIO	ON			_	
	Maintenance operat	ions full time	5 days/week and 1	weekend/month for	TDT Units		
	nameenance operac	TOID TUIT CIME	. 5 days, week and 1	. weekena/monen ror	IDI OHICD.		
6.	OTHER ACTIVE/GUARD	/RESERVE INSTA	ALLATIONS WITHIN 15	MILE RADIUS			
	ARNG Westbrook	MF	9 NN miles Pe	adiness Center	1 407 m2	(15 145 GF)	1949
				adiness Center			
	ARNG Sanford, N						1955
	ARNG Portland,	ME	31.00 miles Ma	intenance Facility	1,756 m2	(18,904 SF)	1941
7	DDOTECTC DECLECTE	TN THE DROCE	77.14				
١′٠	PROJECTS REQUESTED		KAM				
l	CATEGORY PROJECT	TITLE			COST	DESIGN S	TATUS
l	CODE NATIONAL	L GUARD VEHICLI	Ε	SCOPE	(\$000)	START	CMPL
l	21407 MAINTENA	ANCE SHOP	3,678 m2	(40,559 SF)	21,200	OCT 2019	JUN 2021
8.	STATE GUARD/RESERV	E FORCES FACII	LITIES BOARD RECOMM	MENDATION			
	FACILITIES IDENTIF	IED IN ITEM #6	HAVE BEEN EXAMINE	D BY THE STATE RES	ERVE FORCES	23 JUN	2020
	FACILITIES BOARD F	OR POSSIBLE JO	OINT USE/EXPANSION.	THE BOARD RECOMME	NDATIONS ARE	(Da	.te)
	JOINT CONSTRUCTION					(,
	OOINI CONDINOCTION	• •					
9.	LAND ACQUISITION R	REQUIRED					
	None	~					0
	None					/NTmla are a f	
						(Number of	acres;
10	. PROJECTS PLANNED	IN NEXT FOUR Y	'EARS				
	CATEGORY						COST
	CODE PROJECT T	<u> </u>			SCOPE		(\$000)
	NONE						
	DEFERRED SUSTAINME	NT, RESTORATIO	ON, AND MODERNIZATI	ON (SRM): 15,0	00		
	A SITE SURVEY HAS	BEEN COMPLETED				PROPOSED PRO	JECT AT
		BEEN COMPLETED				PROPOSED PRO	JECT AT
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1.	COMPONENT	FY 2022 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		MAY 2021
3.	INSTALLATION AND I	LOCATION	4.	AREA CONSTRUCTION
	Saco	INSNO= 23B95		COST INDEX
	Maine			1.10
		TION AND SAFETY DEFICIENCIES		
14	. OUTSTANDING POLLC		`	
		(\$000		
	A. AIR PO)	
)	
	C. OCCUPA	ATIONAL SAFETY AND HEALTH)	

1. COMPONENT					2. DATE	
	FY 2022 MILITARY	CONSTRUC'	TION PROJECT I	DATA		
ARNG					MAY 2021	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
Saco						
Maine			NATIONAL GUAF	RD VEHICLE M	AINTENANCE	SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	r (\$000)	
		85	435			
0505896A	21407	23	0125	Approp	21,200	
	9	COST ESTIMA	rrs			

	9. COST E	ESTIMATES		
ITEM	UM (M/E	E) QUANTITY	UNIT COST	COST(\$000)
PRIMARY FACILITY				14,886
21407 Maintenance Shop	m2 (SF	F) 3,768 (40,559	3,849	(14,501)
85210 Rigid Pavement for MEP	m2 (SY	Y) 1,798 (2,150	88.87	(160)
Sustainability/Energy Measures	LS			(225)
SUPPORTING FACILITIES				4,133
Electric Service	LS			(200)
Water, Sewer, Gas	LS			(600)
Paving, Walks, Curbs And Gutters	LS			(1,075)
Storm Drainage	LS			(250)
Site Imp(675) Demo()	LS			(675)
Information Systems	LS			(180)
Antiterrorism Measures	LS			(365)
Other	LS			(788)
ESTIMATED CONTRACT COST				19,019
CONTINGENCY (5.00%)				951
SUBTOTAL				19,970
SUPV, INSP & OVERHEAD (6.16%)				1,230
TOTAL REQUEST				21,200
TOTAL FEDERAL REQUEST				21,200
INSTALLED EQT-OTHER APPROP				(1,013)
	1		1	

A specially designed Joint National Guard Vehicle 10. Description of Proposed Construction Maintenance Shop (FMS) of permanent construction. The Joint National Guard Vehicle Maintenance Shop includes the following items that are integral to the facility: Rigid Pavement for MEP and sustainability / energy measures. Comprehensive interior design services are requested. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes per 42 USC 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 31,009 SQFT. Disposal of 3 buildings at Camp Keyes Training Site, ME (Total 190 m2/2,046 SF), 2 buildings at Bangor Armed Forces Reserve Center, ME (Total 106 m2/1,146 SF), 2 buildings at Bangor Training Site, ME (Total 31 m2/339 SF), 1 building at Bog Brook Riley Training Site, ME (Total 50 m2/533 SF), 1 building at Caribou Readiness Center, ME (Total 7 m2/72 SF), 1 building at Gardiner Training Site, ME (Total 166 m2/1,792 SF), 3 buildings at Lewiston Armed Forces Reserve Center, ME (Total 56 m2/600 SF), 2 buildings at Plymouth Training Site, ME (Total

1. COMPONENT						2. DATE	
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3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
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Maine			NATIONAL	GUARD	VEHICLE	MAINTENANCE	SHOP
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DESCRIPTION OF PROPOS	ED CONSTRUCTION: (C	CONTINUED)				

136 m2/1,464 SF), 5 buildings at Portland Readiness Center & Field Maint Shop, ME (Total 2,062 m2/22,190 SF), 1 building at Skowhegan Readiness Center, ME (Total 1 m2/7 SF), and 7 buildings at Waterville Readiness Center, ME (Total 76 m2/820 SF). Air Conditioning (Estimated 120 kWr/34 Tons).

11. REQ: 3,768 m2 ADQT: NONE SUBSTD: NONE

PROJECT: To construct a 40,559 SQFT Joint National Guard Vehicle Maintenance Shop (FMS) that supports field and sustainment maintenance of combat and tactical vehicles and equipment for the MEARNG and MEANG. This facility will be built on State land. The requested amount is \$16,000,000 ARNG and \$5,200,000 ANG for a total of \$21,200,000. (Current Mission)

REQUIREMENT: This project is programmed to provide the full requirement in scope for UIC: W8SD01 FMS01(EQP ME ARNG FLD MAINT)TDA in order to properly support and maintain the equipment for the 262 EN (WY15AA)(WY15A1), and the Forward Support Company of the 133 EN BN (WQQNA0). The MEANG cost share will provide 9,550 square feet of space for the MEANG that includes exclusive use and joint space, meeting the requirements set for in ANGH32-1084. This project will correct the code and space deficiencies as well as provide a modernized facility by providing the proper amount of bay/work space needed for the Maine National Guard equipment. It will also provide the needed parking space/area to accommodate all maintenance tasks required by the MEARNG and MEANG. In addition, the construction of this facility would provide Soldiers and Airmen a safe and modern working environment to achieve their mission.

CURRENT SITUATION: This project is critical to the state of Maine due to the current situation of the facility on lease for MEARNG use from the University of New England (UNE) has both exceeded its current lifecycle as a maintenance shop, and is wanted returned by UNE. Facility is not in adherence to state/federal ADA requirements, AT/FP standards and an inefficient fuel consumption rate. Facility has SQFT deficiencies effecting readiness and logistic abilities of mechanics accounting for 39% of authorized space. Average bay space is 52% of authorized space, not counting egress. Bath, battery and tool room are all undersized, with shower space located in the adjacent Portland Armory. These deficiencies hinder the readiness of the FMS mechanics without losing unneeded man hours due to a building insufficient for the mission.

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

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

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

Recent hazard summary for the FMS #1 (23B40) note that there is insufficient lighting for the facility, poor ventilation exhaust for vehicle bays per applicable guidelines. Current electrical panel has blocked access due to current shop layout.

Current facility contains asbestos which is potentially harmful toward occupants, and fire mitigation and electrical wiring specifications do not adhere to NFPA standards. In

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CURRENT SITUATION: (CONTINUED)

addition, facility doesn't meet indoor air quality IAW ASHRAE standards 2013 62.1 and 62.2.

Current facility exceeds the Dept of Energy average fuel oil use for commercial facilities in the Northeast by 48%. The Northeast average of fuel use per square foot is .25 gallons of fuel oil per square foot where as the Facility Maintenance Shop 01 is currently at .37.

Site Site Cat FACNO Local ISR-I F 0 Code UID Code Year Rating Rating Name 23B40 6863 21407 00002 2016 F4 04 C4 FMS01

Current facility violates federal and state ADA requirements by lacking facilities that are readily accessible to and usable by people with disabilities; for example, there is no elevator, wheel chair ramp and hall ways are below specifications.

Current facility does not meet the physical security standards contained within AR 190-51 and the minimum AT/FP standards outlined in UFC 4-010-01.

Facility is not in compliance with ADA, and is out of compliance with all DoD, Army and NG PAM 415-12 criteria.

FMS #1 is attached to the Portland Readiness Center, that has since been vacated by previous unit when the Brunswick Readiness Center opened, and returned to UNE.

IMPACT IF NOT PROVIDED: If this project is not provided, the maintenance readiness of the Maine National Guard will be negatively impacted within the following ways:

Unit readiness will be negatively affected with conducting services in an undersized facility with insufficient sized rooms, offices and work bays. Services will be delayed with inefficient working conditions that will hinder equipment training opportunities for assigned units which also affects the Operational Tempo (OPTEMPO) with unneeded delays. Equipment maintenance will continue to be impacted by performing services in an outdated, undersized facility creating a backlog and overdue services required for unit training.

Mechanics operating in an undersized facility that was configured for previous generations of Military vehicles creates life/safety risk. There is insufficient work and egress space, bays configured with exhaust hoses on opposite side of modern equipment, and minimal floor areas that are prone to excess clutter due to insufficient storage space. In addition, the organizational storage space is spread out over the facility compound to include cold storage and conex boxes, resulting loss of time spent on maintenance.

The current facility, that previously had the Portland Readiness Center and FMS#1, is a long term lease from UNE, who is eager to have the facility vacated for renovation for future campus use. Delaying this project will further tension our relationship between

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12	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DAT UNIT DESIGNATION (HHC , REG SPT GR DET 2 (CO VERTICAL MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL TRU	BEEN CONT INDICATOR INDICA	MPLETED AND TED. 30 SEP 202 PERMAN OFFICER 6 5 UCT)	O THE SITE IS 20 VENT ENLISTED C 17 14 UIC WPT2AA	SUITABLE FOR CO	GUARD TOTAL 129 129 MTOE/TDA 51632KNG09 05420KNG83	PRESERVE 31 31 AUTHO Signed/A IZED 32 36 2 4 0 0	STRENG ORIZED 83 46 129	FED 98 98 98 TH ACTUAL 83 46 129 ed: 100% ACTUAL 32 36 2 4 0 0 0
12	A SITE SURVEY HAS THE ESTIMATED COS PERSONNEL STRENG AUTHORIZED ACTUAL RESERVE UNIT DAT UNIT DESIGNATION (HHC , REG SPT GR DET 2 (CO VERTICAL MAJOR EQUIPMENT TYPE WHEELED TRAILERS TRACKED EQUIPMENT FUEL TRU	BEEN CONT INDICATOR INDICA	MPLETED AND TED. 30 SEP 202 PERMAN OFFICER 6 5	O THE SITE IS 20 VENT ENLISTED C 17 14 UIC WPT2AA	SUITABLE FOR CO	GUARD TOTAL 129 129 MTOE/TDA 51632KNG09 05420KNG83	PRESERVE 31 31 AUTHO Signed/A IZED 32 36 2 4 0 0	STRENG ORIZED 83 46 129	PED 98 98 98 98 98 98 98 98 98 98 98 98 98

1.	COMPONENT	FY 2022 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		MAY 2021
3.	INSTALLATION AND I	LOCATION	4.	AREA CONSTRUCTION
	Butte	INSNO= 30A28		COST INDEX
	Montana			1.08
		JTION AND SAFETY DEFICIENCIES		
14	. OUISTANDING POLLC	(\$000	١	
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	A. AIR PO)	
)	
	C. OCCUPA	ATIONAL SAFETY AND HEALTH	J	

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC'	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION					
Butte					
Montana			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17180		460 0049	200000	16,000
U5U5696A	1/100	30	0049	Approp	16,000
9. COST ESTIMATES					

	9. CC	OST ESTI	IMATES			
ITEM	UM	(M/E)	QUANTITY		UNIT COST	COST(\$000)
PRIMARY FACILITY						17,106
17180 Readiness Center	m2	(SF)	4,790 (51,560)	2,799	(13,406)
21411 Detached General Purpose Trainin	m2	(SF)	774.53 (8,337)	2,476	(1,918)
44224 Unheated Storage Building	m2	(SF)	58.81 (633)	1,991	(117)
44181 Unheated Encl/Shed-TP Vhcl Strg	m2	(SF)	650.32 (7,000)	1,345	(875)
81160 Backup/Emergency Generator	EA		1		110,000	(110)
Total from Continuation page(s)						(680)
SUPPORTING FACILITIES						2,525
Electric Service	LS					(80)
Water, Sewer, Gas	LS					(324)
Paving, Walks, Curbs And Gutters	LS					(1,063)
Storm Drainage	LS					(150)
Site Imp(513) Demo()	LS					(513)
Information Systems	LS					(14)
Antiterrorism Measures	LS					(196)
Other	LS					(185)
ESTIMATED CONTRACT COST						19,631
CONTINGENCY (5.00%)						982
SUBTOTAL					l	20,613
SUPV, INSP & OVERHEAD (3.50%)						721
TOTAL REQUEST						21,334
State Share						5,334
TOTAL FEDERAL REQUEST						16,000
TOTAL FEDERAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROP						(1,823)

A specially designed National Guard Readiness Center of 10. Description of Proposed Construction permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility and Flammable Materials Facility. Comprehensive Interior design services are requested for this project. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 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 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 will meet the one for one disposal requirement with the disposal of 60,972 SQFT. Disposal of 2 buildings at Fort Missoula Field Maintenance Shop 02, MT (Total 1,695 m2/18,242 SF), 2 buildings at Anaconda Readiness Center, MT (Total 834 m2/8,973 SF), 4 buildings at Butte Armed Forces Reserve Center, MT (Total 2,062 m2/22,193 SF), and 1 building at Harlowton Readiness Center, MT (Total 1,074 m2/11,564 SF). Air Conditioning

1. COMPONENT						2. DA	ГЕ
FY 2022 MILITARY CONSTRUCTION PROJECT DATA							
ARNG							7 2021
3. INSTALLATION AND LOCATION				4. PROJECT TITI	LΕ		
Butte							
Montana				NATIONAL GU	JARD READI:	NESS CEN	TER
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJECT	NUMBER	8. PROJEC	T COST (\$00	0)
			85	460			
0505896A	17180		30	0049	Approp	16	,000
9. COST ESTIMATES (CO	NTINUED)	•					
						UNIT	COST
ITE	M	UM	(M/E)	QUANTI	TY	COST	(\$000)
PRIMARY FACILITY (CON	TINUED)						
85210 Rigid Pavement	for MEP	m2	(SY)	2,569 (3,072)	83.72	(215)
14915 Additional ATF	2 1%	LS					(130)
Sustainability	Energy Measures	LS					(335)
						Total	680

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) (Estimated 601 kWr/171 Tons).

<u>REQUIREMENT:</u> This project will consolidate multiple small units including a Brigade HQ into one facility and close two legacy facilities of the Montana Army National Guard. The units will have a well-equipped facility to provide support to the citizens of South-West Montana. This will be a regionally located modern ARNG Readiness Center to support the mission for the 1889th Regional Support Group (WPT2AA) and Det 2 (Vertical Construction)(WX2YA2).

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

CURRENT SITUATION: This project is critical to the state of Montana due to the current situation of needing to properly house and train multiple units currently stationed at three other locations. The existing facilities in Butte and Anaconda were both constructed in 1961 and are only 29,248 SQFT, less than 50% of authorized space. Specifically not meeting requirement for maintenance training bays, classrooms, administrative space and training device/simulation center space. None of this is to standard at the existing location and the existing site does not support the construction of all the required Readiness Center space and supporting items while still meeting AT/FP requirements.

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

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

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

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT D	ATA	1
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Butte					
Montana			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	460		
0505896A	17180	30	0049	Approp	16,000

Both facilities are considerably undersized for the soldiers currently assigned there. Combined with the requirement for 55 soldiers to be stationed in a location in order to receive federal funding, the loss (closure) of one of the facilities this replaces is probably imminent which gives a likelihood of at least probable and a severity code of major

One of the facilities to be replaced has an indoor range facility which has not been properly mitigated. Despite being closed for use, it continues to pose a threat to the health of soldiers. Both facilities have unmitigated asbestos in the form of floor tiles, insulation (both for pipe and building) which, while sealed in, continues to pose a potential risk.

The current facilities are inefficient to heat and have no air conditioning. The cost per square foot for heating these facilities is the highest in the state among the older buildings. The hot water systems use multiple non-energy efficient heaters which add considerably to the cost of the facility and degrade reliability.

Code		Cat Code 17180		ISR-I Year 2019	Rating	~ Rating	_	Local Name Butte Readiness Center
30a05	3798	17180	000a1	2019	F4	04	С3	Anaconda Readiness Center

These facilities are not ADA compliant and do not meet current Montana state code for Power, plumbing or general construction.

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

Following the guidance from the RCTMP and the fact that facilities with fewer than 55 personnel will not receive federal funds, the decision was made to collapse multiple armories in to one in order to maximize the cost savings and training potential.

IMPACT IF NOT PROVIDED: If this project is not provided, the unit's ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if personnel are not provide adequate facilities. The existing facilities in Butte and Anaconda were constructed in 1961 and are only 29,248 SQFT combined, leaving a shortage of 36,535 SQFT currently authorized space. This facility and the other to be replaced by this project are the 2 of the oldest facilities in the state and have the highest associated cost per square foot to the MTARNG. Butte is 65 miles from the Maneuver Training Area, and the Advanced Technology Training Center in Helena, so travel away from the home station to conduct training is somewhat expensive and time consuming. Anaconda is 20 miles further away. Delays in the funding of this project will force the continued use of an inadequate and unsound facility that will

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Butte Montana			NATIONAL GUAR	D DEVDIMECC	CENTED
Montana			NATIONAL GUAR	D KEADINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	460		
0505896A	17180	30	0049	Approp	16,000
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IMPACT IF NOT PROVIDED: (CONTINUED)

continue to incur high operations and maintenance costs and negatively impact troop readiness and morale.

<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.

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.

A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

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

(a)	Design Start Date	NOV	2019
(b)	Percent Complete as of January 2021		65
(c)	Date 35% Designed	JUN	2020
(d)	Date Design Complete	OCT	2021
(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

1. COMPONENT					2. DATE
		FY 2022 MILIT	CARY CONSTRUCTION	PROJECT DATA	
ARNG					MAY 2021
3. INSTALLATION AND I	OCATION		4. P	ROJECT TITLE	
Butte					
Montana		1		IONAL GUARD READINES	
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMB	ER 8. PROJECT CO	ST (\$000)
05050065		15100	85460		16.000
0505896A 12. SUPPLEMENT	אד האים	17180 (CONTINUED	300049	Approp	16,000
		•	-		
A. Estimat		sign Data: (CONT			
	doo	cumented during	the final design	•	
(2) Ba	sis:				
(a	.) Sta	andard or Defini	tive Design: N	0	
(3) To	tal De	esign Cost (c) =	(a)+(b) OR (d)+	(e):	(\$000)
(a		_	s and Specificat		1,193
(k			osts		676
()		_			1,869
·		_			
(d	•		• • • • • • • • • • • • • • • • • • • •		1,869
(∈) In-	-nouse	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	0
			_		
(4) Co	nstruc	ction Contract A	ward		OCT 2021
(5) Co	nstruc	ction Start			DEC 2021
(6) Co	nstruc	ction Completion			OCT 2023
B. Equipme other approp			is project which	will be provided fr	OM
other approp	TIACIO)IIS •		Fiscal Year	
Equipment			Procuring	Appropriated	Cost
Nomenclature	!		Appropriatio		(\$000)
F F & E			OMNG	Future Reques	t 800
Kitchen Equi	pment	(Type C)	OMNG	Future Reques	
ESS (171R)			OPA	Future Reques	
Info Sys - I	SC		OPA	Future Reques	t 269
Info Sys - F	ROP		OMNG	Future Reques	t 649
				Total	1,823

1. COMPONENT		FY 2022 GUA	ARD AND RESERVE		2. DATE	
ARNG		MILITARY	CONSTRUCTION		MAY 202	21
_						
3. INSTALLAT	TION AND LOCATION				4. AREA CO	NSTRUCTION
Dickinsor	1	INS	NO= 38A52		COST IN	IDEX
North Dak	tota					1.12
5. FREOUENCY	AND TYPE OF UTILIZ	ZATION				
		with 2-day training a	accembly 2-3 times	/month		
riamiliibei	acton 5 days, ween,	with z day training t	abbellibly 2 5 cilles	,, morrerr.		
6. OTHER ACT	CIVE/GUARD/RESERVE 1	INSTALLATIONS WITHIN	15 MILE RADIUS			
ARNG I	Bismarck, ND	100.00 miles F	Readiness Center	12,948 m2 (139,373 SF)	1988
ARNG I	Mott, ND		Readiness Center			
	Williston, ND		Readiness Center			
Aldvo v	NIIIISCOII, ND	150.00 111111111111111111111111111111111	cadiness center	2,210 1112	(24,170 51)	1930
7. PROJECTS	REQUESTED IN THIS E	PROGRAM				
CATEGORY	PROJECT TITLE			COST	DESIGN	STATUS
	NATIONAL GUARD		SCOPE		START	CMPL
17180		4 2122	(45,338 SF)		OCT 2019	
1/100	READINESS CENTER	4,212 1112	(45,550 5F)	15,500	0 001 2019	OC1 2021
8. STATE GUA	ARD/RESERVE FORCES E	FACILITIES BOARD RECO	MMENDATION			
		EM #6 HAVE BEEN EXAMII		ESERVE FORCES	04 ма	R 2020
		LE JOINT USE/EXPANSIO				ate)
-		IE UOINI USE/EXPANSIO	N. THE BOARD RECOR	MENDATIONS ARE	(D	ace,
UNILAIERA	AL CONSTRUCTION.					
9. LAND ACQU	JISITION REQUIRED					
None	~					0
None					(Number of	
					(Number of	acres)
10. PROJECTS	S PLANNED IN NEXT FO	OUR YEARS				
CATEGORY						COST
CODE	PROJECT TITLE			SCOPE		(\$000)
	TROOLET TITLE			<u> DCOFE</u>		(\$000)
NONE						
-	CHORA TAMENEE DECEMO	NAMION AND MODERNICA	ETON / GDM) . 10	. 500		
-	SUSTAINMENT, RESTOR	RATION, AND MODERNIZA	TION (SRM): 18	3,500		
DEFERRED		RATION, AND MODERNIZA			PROPOSED PR	OJECT AT
DEFERRED A SITE SU	JRVEY HAS BEEN COMPI	LETED AND THE SITE IS			PROPOSED PR	OJECT AT
DEFERRED A SITE SU		LETED AND THE SITE IS			PROPOSED PR	OJECT AT
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DEFERRED A SITE SU THE ESTIM	JRVEY HAS BEEN COMPI	LETED AND THE SITE IS			PROPOSED PR	OJECT AT
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DEFERRED A SITE SU THE ESTIM	IRVEY HAS BEEN COMPINATED COST INDICATED EL STRENGTH AS OF 30 TOTAL	DETED AND THE SITE IS OUT OF SEP 2020 PERMANENT OFFICER ENLISTED	SUITABLE FOR CONS	GUARD/F	ESERVE FICER ENLI	STED
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DEFERRED A SITE SU THE ESTIM	IRVEY HAS BEEN COMPINATED COST INDICATED EL STRENGTH AS OF 30 TOTAL	DETED AND THE SITE IS OUT OF SEP 2020 PERMANENT OFFICER ENLISTED	SUITABLE FOR CONS	GUARD/F	ESERVE FICER ENLI	STED
DEFERRED A SITE SU THE ESTIM 11. PERSONNE	IRVEY HAS BEEN COMPINATED COST INDICATED EL STRENGTH AS OF 30 TOTAL ED 5	DETED AND THE SITE IS O. SEP 2020 PERMANENT OFFICER ENLISTED O 5	SUITABLE FOR CONS	GUARD/R TOTAL OF	ESERVE FICER ENLI 3	STED 78
DEFERRED A SITE SU THE ESTIN 11. PERSONNE	EL STRENGTH AS OF 30 TOTAL TOTAL 0	DETED AND THE SITE IS O. SEP 2020 PERMANENT OFFICER ENLISTED O 5	SUITABLE FOR CONS	GUARD/R TOTAL OF	ESERVE FICER ENLI 3	STED 78
DEFERRED A SITE SU THE ESTIM 11. PERSONNE AUTHORIZE ACTUAL	EL STRENGTH AS OF 30 TOTAL TOTAL 0	DETED AND THE SITE IS O. SEP 2020 PERMANENT OFFICER ENLISTED O 5	SUITABLE FOR CONS	GUARD/R TOTAL OF	ESERVE FICER ENLI 3	STED 78 78
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DEFERRED A SITE SU THE ESTIN 11. PERSONNE AUTHORIZE ACTUAL 12. RESERVE UNIT DESI 816 MP CO	TOTAL TOTAL TOTAL TOTAL TOTAL O UNIT DATA CGNATION CS CUIPMENT AND AIRCRAF TYPE WHEELED TRAILERS TRACKED EQUIPMENT > 30 FT Fuel Truck	DETED AND THE SITE IS O. O. SEP 2020 PERMANENT OFFICER ENLISTED O 5 O 0 UIC WPPPAA	SUITABLE FOR CONS CIVILIAN 0 0	GUARD/R TOTAL OF 81 81 81 MTOE/TDA 19463KNG47 Assi	SESERVE FICER ENLI 3 3 3 STREM AUTHORIZED 81 81 gned/Authori ZED 22 22 0 1 0	STED 78 78 78 IGTH ACTUAL 81 81 81 22ed: 100% ACTUAL 22 22 0 1 0
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DEFERRED A SITE SU THE ESTIN 11. PERSONNE AUTHORIZE ACTUAL 12. RESERVE UNIT DESI 816 MP CO	TOTAL TOTAL TOTAL TOTAL TOTAL O UNIT DATA CGNATION CS CUIPMENT AND AIRCRAF TYPE WHEELED TRAILERS TRACKED EQUIPMENT > 30 FT Fuel Truck	DETED AND THE SITE IS O. O. SEP 2020 PERMANENT OFFICER ENLISTED O 5 O 0 UIC WPPPAA	SUITABLE FOR CONS CIVILIAN 0 0	GUARD/R TOTAL OF 81 81 81 MTOE/TDA 19463KNG47 Assi	SESERVE FICER ENLI 3 3 3 STREM AUTHORIZED 81 81 gned/Authori ZED 22 22 0 1 0	STED 78 78 78 IGTH ACTUAL 81 81 22d: 100% ACTUAL 22 22 0 1 0
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1.	COMPONENT	FY 2022 GUARD AND RESERVE	2.	DATE
	ARNG	MILITARY CONSTRUCTION		MAY 2021
3.	INSTALLATION AND I	LOCATION	4.	AREA CONSTRUCTION
	Dickinson	INSNO= 38A52		COST INDEX
	North Dakota	2110110 331132		1.12
		INTON AND CARRIED DEFICIENCIES		
14	. OUTSTANDING POLLC	JTION AND SAFETY DEFICIENCIES	`	
		(\$000		
	A. AIR PO)	
)	
	C. OCCUP	ATIONAL SAFETY AND HEALTH)	

1. COMPONENT								2. D	אַריי	
FY 2022 MILITARY CONSTRUCTION PROJECT DATA										
A DATO	ARNG MAY 2021									
3. INSTALLATION AND LO	CATION				4. PROJECT	ידידיד.		IVIZ	<u> </u>	
	CITTION				I. IROUEI	11111				
Dickinson North Dakota					NATIONAL	CIIND	וחגשם חי	ואדיפים רדי	NTTED	
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJI	ECT NUMBER	GUAN		CT COST (\$0		
		0. 020011 0022					0. 11002	01 0001 (40		
0505896A		17180			86704 380058		Approp	1 1	5,500	
0303070A			9 (1	OST EST			АРРГОР		3,300	
	ITEM		1					IDITE COCE	GOGT (ADDO)	
PRIMARY FACILITY		<u> </u>	UM	(M/E)	QUAL	NTITY		UNIT COST	COST(\$000) 12,175	
17180 Readiness		r	m 2	(SF)	3,734	1	40,188)	2,971	1	
44263 Unheated E			1	(SF)	478.45		5,150)		1	
81160 Backup/Eme		_	EA				3,130)	150,000	` ′	
85210 Rigid Pave				(SY)	1,569		1,877)		1	
87224 Additional			LS	(51)	1,309	(1,011)	24.40	(98)	
		/Energy Measures	LS						(239)	
SUPPORTING FACIL			гъ						2,089	
Electric Service			LS						(100)	
			LS						1	
Water, Sewer, Ga		Total Contract							(210)	
Paving, Walks, C	urbs .	And Gutters	LS						(656)	
Storm Drainage	()		LS						(150)	
Site Imp(372) De			LS						(372)	
Information Syst			LS						(120)	
Antiterrorism Me	asure	S	LS						(230)	
Other			LS						(251)	
ESTIMATED CONTRA	CT CO								14,264	
CONTINGENCY (5.0		51							713	
SUBTOTAL	0 8 7								14,977	
SUPV, INSP & OVE	בתבצר	(3 492)							523	
TOTAL REQUEST	KIIEAD	(3.47%)							15,500	
TOTAL FEDERAL RE	∩прст								15,500	
TOTAL FEDERAL RE									15,500	
INSTALLED EQT-OT									(1,228)	
10. Description of Pro			 	111 000	l signed Natio	nal (Cuard D	aadinagg		
<u> </u>	_	n. The National (
I —		he facility. This								
		all local, State,								
		r design services								
_		systems, fire det								
		ge, parking areas								
1		ties will be designated the designation of the desi								
		cilities Code (UFC								
1		ted building syste							stainable	
		t Policy Update DE								
_		iterrorism measure								
1		s will be provided								
		with the disposal								
1		enter, ND (Total 1								
		(Total 1,539 m2/16								
1		2 SF), and 1 build					enance	Snop, NI) (Total 525	
m2/5,650 SF). A	ır Co	nditioning (Estima	atec	1 464	kWr/132 Tor	ns).				
11 DEO: 4 01	2 m2	Λ D\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			NONE	CITT	BSTD:		NONE	
		ADQT: ct a 45,338 SQFT I	7 + ~1					000 Cort		
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1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC'	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Dickinson North Dakota			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17180		704 0058	Approp	15,500

PROJECT: (CONTINUED)

supports training, administrative, and logistical requirements for the NDARNG. This facility will be built on the State Military Reservation in Dickinson, ND. (Current Mission).

<u>REQUIREMENT:</u> This National Guard Readiness Center is needed in order to meet current Army space requirements to house, support and train the North Dakota Army National Guard unit totaling 81 Soldiers, 43 military vehicles and trailers, plus other authorized MTOE equipment. This new facility will support:

-The 816th Military Police Combat Support Company which was activated on 1st of September 2017.

CURRENT SITUATION: This project is critical to the state of North Dakota due to the current situation of the size and location of the current city owned state leased Readiness Center in Dickinson (1973). This location currently consists of 17,641 SQFT, and based on current criteria and mission, and it has a physical shortfall of 30% of authorized space. The current site is also not suitable for alteration or new construction, because the area city owned/state leased facilities that are on small parcels of land (approx. 2.5 acres).

Additionally the site is enclosed by commercial business that does not allow further expansion. The current location is jointly used by the city of Dickinson and Stark County Law Enforcement, and negatively impacts physical security and Anti-Terrorism/Force Protection (AT/FP).

A major issue is vehicles are able to park near occupied offices and common areas of the building. Moreover since the Readiness Center is owned by the city of Dickinson the public has access to all common areas without escort.

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

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

The facility where the current operations are being conducted was constructed in 1973.

There are currently no facilities that are generating a sustainment need. To improve the city owned state leased facilities to a permanent fix will exceed SRM allowance.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
38A50	4722	17180	00100	2019	F4	Q4	C4	Leased
38B30	6119	17180	00100	2017	F4	Q3	C4	Leased

The current facilities are not in compliance for Title II design under Americans with Disabilities Act (ADA).

1. COMPONENT					2. DATE
	FY 2022 MILITARY	ATA			
ARNG			MAY 2021		
3. INSTALLATION AND LOCATION					
Dickinson North Dakota			NATIONAL GUAR	D READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT		8. PROJECT COST	
0505896A	17180	86704 380058		Approp	15,500
CURRENT SITUATION: (C	CONTINUED)				

The leased parcel on which the current facility is located is about 2.5 acres within an urban area and part of a complex shared with municipal government and law enforcement agencies. The site does not allow for building expansion. The site is too small for parking of National Guard owned and employee vehicles. Physical security is an issue because the complex is open to the public and does not have adequate AT/FP setbacks.

IMPACT IF NOT PROVIDED: If this project is not provided it will adversely affect the assigned unit's ability to meet readiness, and training objectives. Additionally, the current facility is collocated with the law enforcement center which is heavily used by individuals that are being processed by law enforcement. Furthermore due to inadequate size of the building and maintenance bays, conducting maintenance on equipment is difficult which negatively impacts equipment and unit readiness.

The current facility lacks Anti-Terrorism standoff distance and other force protection barriers. Vehicles are able to park alongside the building, and civilians have unoccupied access to the common areas. The dual use of this building coupled with the commercial businesses which are major tourist locations of the city creates multiple safety concerns. Not only from the congested parking, but the increased risk due to inability to meet Anti-Terrorism/Force Protection standards.

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

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

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

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

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

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

. COMPONENT							2. DATE
FY 2022 MILITARY CONSTRUCTION PROJECT DATA							
ARNG			FI ZUZZ MILLIF	ARI CONSIR	JCIION PROUE	ICI DATA	MAY 2021
. INSTALLATION	N AND LO	CATION			4. PROJECT T	ITLE	1111 2021
Dickinson							
North Dakot	ca				NATIONAL	GUARD READINE	ESS CENTER
. PROGRAM ELEM	MENT		6. CATEGORY CODE	7. PROJE	CT NUMBER	8. PROJECT	COST (\$000)
			4.7400		86704		15 500
)505896A			17180		380058	Approp	15,500
1.0 CIIDD	ידאינדיאיני	יגר דער	ш».				
12. SUPP	LEMEN	ral da'	IA.				
A. Esti	mated	Desig	ın Data:				
(1)	Stat		,				
(-)	(a)		n Start Date				OCT 2019
	(b)		ent Complete as o				65
	(c)		35% Designed				JUN 2020
	0011 2020						
	(b)	Date	Design Complete				ОСТ 2021
	(d)		Design Complete.				OCT 2021
	(e)	Param	netric Cost Estin	uating Used	d to Develop	Costs	OCT 2021 NO
	(e) (f)	Param Type	netric Cost Estin of Design Contra	mating Used	d to Develop gn-bid-build	Costs	
	(e)	Param Type An en	metric Cost Estin of Design Contra mergy study and l	nating Used act: Designified Designified Cycle	d to Develop gn-bid-build cost analys	Costs	
	(e) (f)	Param Type An en	netric Cost Estin of Design Contra	nating Used act: Designified Designified Cycle	d to Develop gn-bid-build cost analys	Costs	
(2)	(e) (f) (g)	Param Type An en docum	metric Cost Estin of Design Contra mergy study and l	nating Used act: Designified Designified Cycle	d to Develop gn-bid-build cost analys	Costs	
(2)	(e) (f) (g)	Param Type An en docum	metric Cost Esting of Design Contracted and Important of the mented during the	nating Used act: Desig life cycle e final des	d to Develop gn-bid-build cost analys sign.	Costs	
(2)	(e) (f) (g)	Param Type An en docum	metric Cost Estin of Design Contra mergy study and l	nating Used act: Desig life cycle e final des	d to Develop gn-bid-build cost analys	Costs	
, ,	(e) (f) (g) Basi (a)	Param Type An en docum s: Stand	metric Cost Estime of Design Contraction and Interpretation of the dark or Definitive	mating Used act: Designife cycle e final des	d to Developgn-bid-build cost analyssign.	Costs	NO
(2)	(e) (f) (g) Basi (a)	Param Type An en docum s: Stand	netric Cost Estime of Design Contraction and I amended during the dard or Definitive and Cost (c) = (a)	mating Used act: Designife cycle e final design: ve Design:	d to Develop gn-bid-build cost analys sign. NO (d)+(e):	Costs	(\$000)
, ,	(e) (f) (g) Basi (a) Tota (a)	Param Type An en docum s: Stand l Desi Produ	netric Cost Estime of Design Contraction and I mented during the dard or Definitive Ign Cost (c) = (and cost of Plans and cost Ign Ign Cost Ign Ign Cost Ign	mating Used act: Design life cycle e final des we Design: a)+(b) OR and Specif:	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859
, ,	(e) (f) (g) Basi (a) Tota (a) (b)	Param Type An en docum s: Stand l Desi Produ All O	netric Cost Estime of Design Contraction and I derived Auring the lard or Definitive Lard Cost (c) = (and the cost of Plans and Cost Cost Cost Cost Cost Cost Cost Cost	mating Used act: Designant Design: Life cycle e final design: The Design: La)+(b) OR and Specifics	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487
, ,	(e) (f) (g) Basi (a) Tota (a) (b) (c)	Param Type An en docum s: Stand l Desi Produ All O Total	netric Cost Estime of Design Contraction and I mented during the dard or Definitive Ign Cost (c) = (and cost of Plans and cost Ign Ign Cost Ign Ign Cost Ign	mating Used act: Designife cycle e final design: The Des	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487 1,346
, ,	(e) (f) (g) Basi (a) Tota (a) (b) (c) (d)	Param Type An en docum s: Stand l Desi Produ All C Total Contr	netric Cost Estime of Design Contraction of Design Contraction of Plans and Design Cost	mating Used act: Designant Design: Life cycle e final design: The Design: The Design: The Design: The Design Design: The Design	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487
, ,	(e) (f) (g) Basi (a) Tota (a) (b) (c)	Param Type An en docum s: Stand l Desi Produ All C Total Contr	netric Cost Estime of Design Contraction and I derect during the dard or Definitive I and I derect for the late of Plans and I design Cost I d	mating Used act: Designant Design: Life cycle e final design: The Design: The Design: The Design: The Design Design: The Design	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487 1,346 1,346
(3)	(e) (f) (g) Basi (a) Tota (a) (b) (c) (d) (e)	Param Type An en docum s: Stand l Desi Produ All O Total Contr In-ho	netric Cost Estime of Design Contraction of Design Contraction of Plans and Design Cost Cost Cost Cost Cost Cost Cost Cost	mating Used act: Designife cycle e final des	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487 1,346 1,346
(3)	(e) (f) (g) Basi (a) Tota (a) (b) (c) (d) (e)	Param Type An en docum s: Stand l Desi Produ All O Total Contr In-ho	netric Cost Estime of Design Contraction of Design Contraction of Plans and Design Cost	mating Used act: Designife cycle e final des	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487 1,346 1,346
(3)	(e) (f) (g) Basi (a) Tota (a) (b) (c) (d) (e)	Param Type An en docum s: Stand l Desi Produ All C Total Contr In-ho tructi	netric Cost Estime of Design Contraction of Design Contract Awar	mating Used act: Designanting Used act: Design: In a large design: Des	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	c Costs	(\$000) 859 487 1,346 1,346 0
(3)	(e) (f) (g) Basi (a) Tota (a) (b) (c) (d) (e)	Param Type An en docum s: Stand l Desi Produ All C Total Contr In-ho tructi	netric Cost Estime of Design Contraction of Design Contraction of Plans and Design Cost Cost Cost Cost Cost Cost Cost Cost	mating Used act: Designanting Used act: Design: In a large design: Des	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	c Costs	(\$000) 859 487 1,346 1,346
(3)	(e) (f) (g) Basi (a) Tota (a) (b) (c) (d) (e) Cons	Param Type An en docum s: Stand l Desi Produ All C Total Contr In-ho tructi	netric Cost Estime of Design Contraction of Design Contract Awar	mating Used act: Designant Designant Design: The design of the design o	d to Develop gn-bid-build cost analys sign. NO (d)+(e): ications	Costs	(\$000) 859 487 1,346 1,346 0

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUC'	TION PROJEC	T DATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TIT	LE	
Dickinson					
North Dakota			NATIONAL G	JARD READINESS	CENTER
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COS	Г (\$000)
		86	704		
0505896A	17180	38	0058	Approp	15,500
12. SUPPLEMENTAL DAT	A (CONTINUED)			<u>'</u>	
B. Equipment ass	ociated with this prons:	roject wh	nich will be	e provided fro	m
Equipment	1	Procuring	g 2	Fiscal Year Appropriated	Cost

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	Future Request	892
Kitchen Equipment (Type C)	OMNG	Future Request	50
ESS (171R)	OPA	Future Request	22
Info Sys - ISC	OPA	Future Request	88
Info Sys - PROP	OMNG	Future Request	177
		Total	1,228

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1.	COMPONENT				ARD AND RESERVE		2. DATE		
	ARNG			MILITARY	CONSTRUCTION		MAY 202	1	
3.	INSTALLATION AND I	OCATION					4. AREA CONSTRUCTION		
	Troutville			INS	NO= 51C10		COST IN		
	Virginia							1.00	
5.	FREQUENCY AND TYPE	OF UTIL	JIZATION						
	Administration 5 d	lays/week	, with 2-day	training	assembly 2-3 time	es/month.			
6.	OTHER ACTIVE/GUARD	/RESERVE	INSTALLATIO	ONS WITHIN	15 MILE RADIUS				
	AR ROANOKE, V				Readiness Center	2,350 m2	(25,299 SF)	1957	
	ARNG BEDFORD, V				Readiness Center	•	(17,114 SF)	1957	
	•	RNG LEXINGTON, VA 40.00 miles Readiness Center 1,796 m2						1989	
	ARNG LYNCHBURG				Readiness Center			1983	
	ARNG LYNCHBURG				Maintenance Facil			1983	
	AR LYNCHBURG				Readiness Center			1968	
		,					(==,===,		
7.	PROJECTS REQUESTED		PROGRAM						
	CATEGORY PROJECT					COST	DESIGN :	STATUS	
	CODE NATIONAL	CODE NATIONAL GUARD SCOPE (\$000) START	CMPL	
	17180 READINES	SS CENTER	R ADDITION	2,262 m2	(24,347 SF)	6,10	0 AUG 2019	OCT 2021	
8.	STATE GUARD/RESERV	E FORCES	FACILITIES	BOARD RECO	MMENDATION				
	FACILITIES IDENTIF					RESERVE FORCES	19 AU	G 2020	
	FACILITIES BOARD F							ate)	
	UNILATERAL CONSTRU			,			•	,	
9.	LAND ACQUISITION R	REQUIRED							
	None							0	
							(Number of	acres)	
10	. PROJECTS PLANNED	IN NEXT	FOUR YEARS						
	CATEGORY							COST	
	CODE PROJECT T	TITLE				SCOPE		(\$000)	
	NONE								
	DEFERRED SUSTAINME	ENT, REST	ORATION, AND) MODERNIZA	TION (SRM):	8,391			
	A SITE SURVEY HAS	BEEN COM	IPLETED AND I	THE SITE IS	SUITABLE FOR COI	NSTRUCTION OF TH	E PROPOSED PR	OJECT AT	
	THE ESTIMATED COST	INDICAT	ED.						
11	. PERSONNEL STRENGT	TH AS OF	30 SEP 2020						
			PERMANEN	JT		GUARD/1	RESERVE		
		TOTAL			CIVILIAN		FFICER ENLIS		
	AUTHORIZED	11	0	11	0	269	14	255	
	ACTUAL	12	0	11	1	269	14	255	
L									
12	. RESERVE UNIT DATA	A							
l							STREN	GTH	
	UNIT DESIGNATION			UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL	
l	CO D (BN INF BN (I	BCT))		WPHPD0	07129	07215KNG12	79	79	
l	(CO CBRN CO (AS) (RECA)		WYDRAA	30302	03413KNG05	149	149	
	(BND OPERATING FOR	RCE M)		WV64AA	07529	02740KNG29	41	41	
							269	269	
							269	269	
						Ass	269 igned/Authori		
						Ass			
						Ass:			

COMPONENT	FY 2022 GUARD AND RESERVE	[]	2. DATE
ARNG	MILITARY CONSTRUCTION		MAY 2021
	CATION		4. AREA CONSTRUCTI
Troutville			
	INSNO= 51C10		COST INDEX
Virginia			1.00
. MAJOR EQUIPMENT AN	D AIRCRAFT		
TYPE		AUTHORIZED	ACTUA
WHEELED		85	8
TRAILERS		69	6
TRACKED		0	
EQUIPMENT	> 30 FT	0	
Fuel Truck		11	
HET		0	
TOTALS		165	16
OUTSTANDING POLIUT	ION AND SAFETY DEFICIENCIES		
		(\$000)	
3 3TD 50T	LITTON		
A. AIR POI		0	
B. WATER F		0	
C. OCCUPAT	IONAL SAFETY AND HEALTH	0	

1. COMPONENT					2. Di	ATE			
	FY 2022 MILITAR	Y CONSTRU	CTION PROJECT I	DATA					
ARNG		MA	Y 2021						
3. INSTALLATION AND LOCATI	•								
Troutville Virginia			NATIONAL GUAF	RD READ	INESS CEI	NTER			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUMBER	8. PROJE	CT COST (\$0	ST (\$000)			
0505896A	17180	-	90672 510075		6,100				
9. COST ESTIMATES									
ITEM UM (M/E)		UM (M/E)	QUANTITY		UNIT COST	COST(\$000)			
PRIMARY FACILITY				6,680					

J. COST ESTIMATED									
ITEM	UM	(M/E)		QUAI	YTITY		UNIT COST	COST(\$000)	
PRIMARY FACILITY								6,680	
17180 Readiness Center Addition	m2	(SF)		2,262	(24,347)	2,777	(6,282)	
81160 Backup/Emergency Generator	EΑ			1			200,000	(200)	
14915 Additional RC ATFP	LS							(67)	
Sustainability/Energy Measures	LS							(131)	
SUPPORTING FACILITIES								803	
Electric Service	LS							(60)	
Water, Sewer, Gas	LS							(180)	
Paving, Walks, Curbs And Gutters	LS							(126)	
Storm Drainage	LS							(100)	
Site Imp(200) Demo()	LS							(200)	
Information Systems	LS							(39)	
Antiterrorism Measures	LS							(31)	
Other	LS							(67)	
ESTIMATED CONTRACT COST								7,483	
CONTINGENCY (5.00%)								374	
SUBTOTAL								7,857	
SUPV, INSP & OVERHEAD (3.51%)								276	
TOTAL REQUEST								8,133	
State Share								2,033	
TOTAL FEDERAL REQUEST								6,100	
TOTAL FEDERAL REQUEST (ROUNDED)								6,100	
INSTALLED EQT-OTHER APPROP	1							(1,105)	

10. Description of Proposed Construction A specially designed National Guard Readiness Center Addition of permanent construction. Comprehensive interior design services are requested. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 42 U.S.C. 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance as per ASA(IE&E) Sustainable Design and Development Policy Update Dec 2017. Access for individuals with disabilities will be provided. Antiterrorism measures in accordance with the DoD Minimum Antiterrorism for building standards will be provided. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 28,030 SQFT. Disposal of 1 building at Roanoke Readiness Center, VA (Total 2,604 m2/28,030 SF). Air Conditioning (Estimated 510 kWr/145 Tons).

 $\frac{11. \text{ REQ:}}{\text{PROJECT:}} \quad \text{2,262 m2} \qquad \text{ADQT:} \quad \text{2,328 m2} \qquad \text{SUBSTD:} \qquad \text{NONE}$ $\frac{\text{PROJECT:}}{\text{To construct a 24,347 SQFT}} \quad \text{National Guard Readiness Center Addition that}$ $\frac{\text{Supports}}{\text{Supports}} \quad \text{training, administrative, and logistical requirements for the VAARNG.} \quad \text{This}$ $\text{facility will be built on the State Military Reservation in Troutville, VA.} \quad \text{(Current Mission).}$

1. COMPONENT					2. DATE
	FY 2022 MILITARY	ATA			
ARNG					MAY 2021
3. INSTALLATION AND LOCATI					
Troutville Virginia		NATIONAL GUARI ADDITION	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	17180		0672 .0075	Approp	6,100

<u>REQUIREMENT:</u> This facility is designed to meet administrative, logistical and operational requirements for the listed units:

UIC Designation
WPHPD0 Co D, 1/116th Inf Regt
WYDRAA 229th Chemical Co
WV64AA 29th Army Band

This action consolidates units from Clifton Forge, Pulaski and Rocky Mount readiness centers into a single location. This construction brings existing state facilities utilized to support the consolidation to NGB Pam 415-12 standards. The proposed addition will be located at the site of the former Botetourt Correctional Center (BCC) on State Drive in Troutville, VA.

CURRENT SITUATION: This project is critical to the state of Virginia due to the current situation of The Adjutant General, Virginia directing that the Rocky Mount, Pulaski and Clifton Forge Readiness Centers be closed and the VAARNG unit stationed at these locations be stationed at an existing state facility in Troutville, VA as soon as facilities at the new site are available. Priority consideration influencing which sites are closed include maximizing the utilization of existing facilities and locations, reducing or closing locations not meeting assigned strength goals based on recruiting demographics, reducing or closing facilities that do not have the potential to meet the physical requirements of our Soldiers in maintaining readiness, and toward improving mission command by reducing dispersion to the greatest extent possible between higher headquarters and subordinate units.

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 1989.

Site	Site	Cat	FACNO	ISR-I	F	Q	C	Local
Code	UID	Code		Year	Rating	Rating	Rating	Name
51A60	4461	17180	00001	2019	F1	Q1	C4	Clifton Forge
51B80	6896	17180	00001	2019	F4	Q4	C4	Pulaski
51C25	7049	17180	00001	2019	F2	Q4	C4	Rocky Mount

IMPACT IF NOT PROVIDED: If this project is not provided the VAARNG will be forced to maintain and operate three readiness centers without adequate State or Federal funds. The failure to consolidate VAARNG facilities will place an unsustainable demand on SRM requirements. Failure to provide properly maintained and sustained readiness centers has a negative impact on the OPTEMO of the VAARNG because administrative, logistical and

1. COMPONENT	<u> </u>				2. DATE	
FY 2022 MILITARY CONSTRUCTION PROJECT DATA						
ARNG MAY 2021						
. INSTALLATION AND LOCATION 4. PROJECT TITLE						
Troutville Virginia			NATIONAL GUAR	D READINESS	CENTER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)	
0505896A	17180		672 0075	Approp	6,100	
IMPACT IF NOT PROVIDE	MPACT IF NOT PROVIDED: (CONTINUED)					

operations support space is not available to support requirements. Consolidation of these units into existing State facilities allows the VAARNG to leverage available funds to continue to provide facilities to support administrative, logistical and operational requirements of the affected VAARNG units. The consolidation of units and construction of this project supports the VAARNG facility master plan and Readiness Center Transformation Master Plan (RCTMP).

<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.

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.

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	AUG 2019
(b)	Percent Complete as of January 2021	65
(c)	Date 35% Designed	OCT 2020

1. COMPONENT						2. DATE
I. COMPONENT		FY 2022 MILITARY	CONTEMPLIC	דר∧או ספ∧ דפּריי		. DATE
ARNG		ri 2022 Milliari	CONSTRUC	IION PRODECT	DATA	MAY 2021
3. INSTALLATION AND	LOCATION			4. PROJECT TITLE	2	
Troutville Virginia				NATIONAL GUZ ADDITION	ARD READINESS	CENTER
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
			90	672		
0505896A		17180	51	0075	Approp	6,100
12. SUPPLEMEN'	TAL DAT	A (CONTINUED)	•		•	
A. Estima	ited Des	ign Data: (CONTINU	ED)			
(d) Dat	e Design Complete.				OCT 2021
(e) Par	ametric Cost Estima	ating Used	d to Develop	Costs	NO
(f) Typ	e of Design Contra	ct: Desig	n-bid-build		
(g) An	energy study and 1	ife cycle	cost analys:	is will be	
`		umented during the				
	acc	difference during ene	IIII aci	, 1911.		
(2) B	Basis:					
` '			ъ .	370		
(a) Sta	ndard or Definitiv	e Design:	NO		
(3) T	otal De	esign Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
		duction of Plans a				446
,		Other Design Cost				253
•		al Design Cost				699
,						438
		tract				
(e) In-	house			• • • • • • •	261
(4) C	Construc	tion Contract Award	d			OCT 2021
(5) C	Construc	tion Start				DEC 2021
(6) C	Construc	tion Completion				JUL 2023
B. Equipm	nent ass	ociated with this	project wh	nich will be	provided from	1
other appro	priatio	ns:				
			- ·		iscal Year	G
Equipment Nomenclatur	· e		Procuring Appropria		ppropriated r Requested	Cost (\$000)
-	<u></u>					
F F & E	iinman+	(Trmo C)	OMNG		uture Request	334
Kitchen Equ ESS (171R)	ırpment	(Type C)	OMNG		uture Request	50 54
ESS (1/1R) Info Sys -	TSC		OPA OPA		uture Request	257
Info Sys -			OMNG		iture Request	410
IIIIO DYB -	FROP		OMIMO	r (icure request	410
					Total	1,105
						,

_											
1.	COMPONENT		Ι	FY 2022 G	UARD AND RESE	RVE		2. DA	TE		
	ARNG			MILITAR	Y CONSTRUCTIO	N		MA	Y 2021	-	
3.	INSTALLATION AND I	OCATION						4. AR	EA CON	ISTRUC	CTION
	Troutville			IN	NSNO= 51C10			co	ST IND	EX	
	Virginia								1	.00	
5	FREQUENCY AND TYPE	OF UTILIZ	ZATTON								
] .	Administration 5 d			training	raggembly 2-3	times/month					
	naminiberación 5 o	ayb, ween,	with z day	cramming	, abbelibly 2 :	cimes/monen.					
6.	OTHER ACTIVE/GUARD	/RESERVE]	INSTALLATIO	NS WITHIN	N 15 MILE RADI	US					
	AR ROANOKE, V	/A	15.	00 miles	Readiness Ce	nter 2,3	50 m2	(25,299	SF)	19	957
	ARNG BEDFORD, V	/A	25.	00 miles	Readiness Ce	nter 1,5	90 m2	(17,114	SF)	19	957
	ARNG LEXINGTON	, VA	40.	00 miles	Readiness Ce	nter 1,	96 m2	(19,335	SF)	19	989
	ARNG LYNCHBURG	, VA	53.	00 miles	Readiness Ce	nter 2,8	50 m2	(30,678	SF)	19	983
	ARNG LYNCHBURG	, VA	53.	00 miles	Maintenance	Facility 3	25 m2	(3,500	SF)	19	983
	AR LYNCHBURG				Readiness Ce					19	968
								(7	, , ,		
7.	PROJECTS REQUESTED	IN THIS I	PROGRAM								
	CATEGORY PROJECT	TITLE					CO	ST <u>DE</u>	SIGN S	TATUS	<u>-</u>
		SUPPORT			SCOPE		(\$0	00) STA	RT	CMP:	<u>L</u>
	21419 MAINTENA	ANCE SHOP A	ADDITION	1,576 t	m2 (16,966)	SF)	6,	900 AUG 2	2019	OCT 2	021
Ω	STATE GUARD/RESERV	TE EODOES E	מודידידים	BUYDD DEC	COMENDATION						
	FACILITIES IDENTIF		-			ידאיים סיפיםנויי	₽∩₽ ∂ ₽¢	i	19 AUG	2020	
	FACILITIES BOARD F									te)	-
	UNILATERAL CONSTRU		L COINI OS	E/EAFANSI	ION. THE BOAK	RECOMMENDATI	ONO AN	.Б	(Da	ice)	
	ONIDATERAL CONSTRU	CIION.									
9.	LAND ACQUISITION R	EQUIRED									
	None									0	
								(Numb	er of	acres)
10	DDO TECHO DI ANNIED	TAT ATDAM D	NID MEADS								
10.	PROJECTS PLANNED	IN NEXT FO	OUR TEARS							~~	
	CATEGORY										ST
	CODE PROJECT	<u> </u>					SCOPE			(\$0	000)
	NONE										
	DEFERRED SUSTAINME	NT, RESTOR	RATION, AND	MODERNIZ	ZATION (SRM):	1,090					
	A SITE SURVEY HAS			HE SITE I	IS SUITABLE FO	R CONSTRUCTIO	N OF T	HE PROPOS	ED PRC	JECT	AT
	THE ESTIMATED COST	' INDICATEI).								
11.	PERSONNEL STRENGT	H AS OF 30) SEP 2020								
			PERMANEN	Т			GUARI	/RESERVE			
		TOTAL	OFFICER E	NLISTED	CIVILIAN	TOT	AL	OFFICER	ENLIS	TED	
	AUTHORIZED	45	0	0	45		0	0		0	
	ACTUAL	36	0	0	36		0	0		0	
l	-			ŭ	30		-	Č		-	
12.	RESERVE UNIT DATA	<u> </u>									
									STRENG	TH	
l	UNIT DESIGNATION			UIC	TPSN	MTOE/	TDA	AUTHO			UAL
l	FMS 10 (EQP VA ARN	IG FI.D MATN	JT)	W8T410		327			0		0
	(EQP VA ARNG COMBI		•-/	W8XQA1					0		0
	/ TAL AV VIVIO COMPI	.1421/		MOAQAI	_				0		0
									U		U
							_				0.0
l							As	signed/Au	tnoriz	ed:	0%

COMPONENT	FY 2022 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		MAY 2021
I INSTALLATION AND LO	CATION		4. AREA CONSTRUCTI
Troutville	INSNO= 51C10		COST INDEX
	INSNO- SICIO		
Virginia			1.00
. MAJOR EQUIPMENT A	ND AIRCRAFT		
TYPE		AUTHORIZED	<u>ACTUA</u>
WHEELED		536	4
TRAILERS		590	3
TRACKED		7	,
EQUIPMENT	5 > 30 FT	192	
Fuel Truc	K	30	
HET		0	
TOTALS		1,355	8
OUTCTANDING DOLLIE	TION AND SAFETY DEFICIENCIES		
. OUISIANDING POLLU	IION AND SAFETY DEFICIENCIES	(+000)	
		(\$000)	
A. AIR PO		C	
B. WATER	POLLUTION	C	1
C. OCCUPA	TIONAL SAFETY AND HEALTH	C	1

1. COMPONENT	EN 2022 MELTERAL	D37 G	ONIGHIDII			2. Di	ATE
ARNG	FY 2022 MILITAF	RY C	ONSTRUC	CIION PROJE	CI DAIA	MA	Y 2021
3. INSTALLATION AND LOCATION				4. PROJECT TI	TLE	1	
Troutville Virginia				COMBINED S	SUPPORT MA	AINTENANCI	E SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJEC	T NUMBER	8. PROJ	ECT COST (\$0	00)
0505896A	21419			0673 10091	Approp	6	5,900
		9. C	OST ESTIM	ATES	'		
ITE	M	UM	(M/E)	QUANT	ITY	UNIT COST	COST(\$000)
PRIMARY FACILITY							5,401
21419 Maintenance Sho	op Addition	m2	(SF)	1,576 (16,966	2,960	(4,666)
85211 Rigid Pavement	for MEP	m2	(SY)	6,187 (7,400) 101.66	(629)
Sustainability	y/Energy Measures	LS		-	-		(106)
SUPPORTING FACILITIES	5						949
Electric Service	_	LS		-	_		(41)
Water, Sewer, Gas		LS		-	_		(121)
Paving, Walks, Curbs	And Gutters	LS		-	_		(389)
Storm Drainage		LS		-	-		(129)

LS

LS

LS

LS

A specially designed National Guard Combined Support 10. Description of Proposed Construction Maintenance Shop of permanent construction. The National Guard Combined Support Maintenance Shop addition includes the following items that are integral to the facility; Organizational Vehicle Parking, Controlled Waste Facility, Flammable Materials Facility, Bulk POL Storage, and Enclosed Heated Storage. 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. 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 22,338 SQFT. Disposal of 1 building at Clifton Forge Readiness Center, VA (Total 2,075 m2/22,338 SF). Air Conditioning (Estimated 183 kWr/52 Tons).

11. REQ: 1,576 m2 ADQT: 1,694 m2 SUBSTD: NONE

PROJECT: To construct a 16,966 SQFT National Guard Combined Support Maintenance Shop addition that supports surface equipment maintenance and repair requirements for the VAARNG. This facility will be built on the State Military Reservation in Troutville, VA.

Site Imp(108) Demo()

Antiterrorism Measures

ESTIMATED CONTRACT COST

SUPV, INSP & OVERHEAD (3.48%)

TOTAL FEDERAL REQUEST (ROUNDED)

INSTALLED EQT-OTHER APPROP

Information Systems

CONTINGENCY (5.00%)

TOTAL FEDERAL REQUEST

Loading Dock

TOTAL REQUEST

SUBTOTAL

(108)

(27)

(87)

(47)

6,350

6,668

6,900 6,900

6,900

(1,556)

318

232

1. COMPONENT					2. DATE
	FY 2022 MILITARY (CONSTRUCT	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
Troutville Virginia			COMBINED SUPP ADDITION	ORT MAINTEN	ANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		90	673		
0505896A	21419	51	0091	Approp	6,900

PROJECT: (CONTINUED)
(Current Mission).

<u>REQUIREMENT:</u> This facility is designed to meet Combined Support Maintenance Shop (CSMS) surface equipment maintenance facility requirements for the listed units authorized soldiers:

UIC DESIGNATION

W8XQA1 Combined Support Maintenance Shop

W8T410 Field Maintenance Shop 10

The VAARNG intends to re-purpose the existing Field Maintenance Shop (FMS) (CATCODE 21407) at Roanoke as a Combined Support Maintenance Shop (CSMS) (CATCODE 21419). Staffing for the CSMS will come from the Roanoke FMS and reallocating a portion of the full time manning requirements at the existing CSMS located at Defense Supply Center - Richmond. This action will bring surface equipment sustainment level maintenance support closer to VAARNG units located in the western part of Virginia. Additionally, by reducing full time manning at the existing CSMS at DSC-R the space available at the facility will be more in line with space requirements.

This project is critical to the state of Virginia due to the current CURRENT SITUATION: situation of outdated surface equipment maintenance facilities, lack of required surface equipment maintenance space and the distance between some supported Field Maintenance Shops and the existing Combined Support Maintenance Shop (CSMS). The CSMS maintenance facility was constructed in 1949 and cannot accommodate today's oversized tactical vehicles. The existing CSMS has approximately 39,113 sf of space, meeting only 53% of its space requirement authorized by NGB Pam 415-12. Field Maintenance Shop (FMS) 9, located in Gate City, VA, is approximately 350 miles from the CSMS; from FMS 14 in Cedar Bluff, VA the travel distance is approximately 340 miles; and from FMS 10 in Rocky Mount, VA the travel distance is approximately 175 miles. Because of the time associated with evacuating equipment, this distance has a negative impact on mission capable status of equipment requiring sustainment level maintenance provided by the CSMS as well as the expense and accident exposure associated with transporting equipment between the FMS and CSMS. This project will eliminate the need for that travel by affording a facility on the other side of the State and updating the FMS facilities that are collocated.

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 1949.

Site Site Cat FACNO ISR-I F C Local Code UID Code Year Rating Rating Name 51C10 191732 21419 2019 C4 Q4 No Facility

1. COMPONENT					2. DATE
	FY 2022 MILITA	RY CONSTRUC	TION PROJECT DA	ATA	
ARNG		MAY 2021			
3. INSTALLATION AND LOCA	ATION	4. PROJECT TITLE			
Troutville Virginia			COMBINED SUPPO	ORT MAINTEN.	ANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
0505896A	21419		673 0091	Approp	6,900

IMPACT IF NOT PROVIDED: If this project is not provided sustainment level maintenance activities will continue to be accomplished in outdated facilities that are not designed to support today's oversized equipment which creates a dangerous work environment. Field Maintenance Shops (FMS) will continue to evacuate equipment over long distances to the existing CSMS which will negatively impact mission capability time and increase accident exposure when equipment is relocated. Evacuation time has a negative impact on OPTEMPO and overall unit readiness. Evacuation of equipment from Southwest Virginia to the current CSMS located in the Richmond, Virginia area increases maintenance costs and equipment Not Mission Capable time. The existing CSMS will continue to be overcrowded and unable to accommodate oversized vehicles, creating safety hazards for mechanics as they try to work on equipment that does not fit in their facility. Sustainable principles, to include life cycle cost effective practices, will be integrated into the design, development and construction of the project and will follow the guidance detailed in the Army Sustainable Design and Development Policy complying with applicable laws and executive orders.

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

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

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

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

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	T			2. DATE
1. COMPONENT	FY 2022 MILITAR	V CONCUDITOTION	ספר דביי האייא	Z. DAIE
ARNG	FI ZUZZ MIBITAK	1 CONDINUCTION	INOUBCI DAIA	MAY 2021
3. INSTALLATION AND LO	I OCATION	4. Pl	ROJECT TITLE	1212 2022
Troutville Virginia			BINED SUPPORT MAINTI	ENANCE SHOP
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBE	R 8. PROJECT CO	OST (\$000)
0505896A	21419	90673 510091	Approp	6,900
 12. SUPPLEMENTA	AI. DATA:			
	ed Design Data:			
	atus:			
(a)				AUG 2019
(b	_			65
(C				OCT 2020
(d				OCT 2020
, ,				
(e) (f)		_	_	NO
, ,	, 11			
(g)				
	documented during the	e ilmai design	•	
(2) Do	sis:			
, ,		D		
(a)) Standard or Definitiv	ve Design: No)	
(3) Tot	tal Design Cost (c) = (a	a) ((0):	(\$000)
(a) (a)				382
(a)				216
•				598
(C)	,			598
(d)	•			
(e)) In-house		• • • • • • • • • • • • • • • •	
(4) Cor	nstruction Contract Awar	rd		OCT 2021
(5) Cor	nstruction Start			DEC 2021
(6) Cor	nstruction Completion			OCT 2023
B. Equipmer other appropr	nt associated with this	project which	will be provided fr	com
Octron appropr	- 14010110 -		Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	or Requested	(\$000)
F F & E		OMNG	Future Reques	
ESS (214L)	~~	OPA	Future Reques	
Info Sys - IS		OPA	Future Reques	
Info Sys - Pi	KUP	OMNG	Future Reques	st 200
			Total	1,556

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1.	COMPONENT			UARD AND RESERVE		2. DATE	
	ARNG		MILITAR	Y CONSTRUCTION		MAY 2021	L
3.	INSTALLATION AND L	OCATION				4. AREA CON	NSTRUCTION
	Barrigada		II	NSNO= GQ012		COST INI	DEX
	Guam						2.50
5.	FREQUENCY AND TYPE	OF UTILIZATION				<u>'</u>	
	Administration 5 d	ays/week, with 2-	day training	g assembly 2-3 tir	mes/month.		
	000000000000000000000000000000000000000	/nnannin		. 15			
ь.	OTHER ACTIVE/GUARD				6 000 0	/ CE COE CE)	0000
	AR Barrigada,			Readiness Center	•		2003
		ir Force B					2004
	USNR Naval Base	•		Readiness Center		(10,000 SF)	2005
	USCG Naval Base	e, GM	11.00 miles	Readiness Center	1,858 m2	(20,000 SF)	1970
	ARNG Fort Juan	Muna, GM	3.00 miles	Training Center	52,609 m2	(566,280 SF)	1981
7.	PROJECTS REQUESTED	IN THIS PROGRAM					
	CATEGORY PROJECT				COS	T DESIGN S	STATUS
	CODE NATIONAL			SCOPE	(\$00		CMPL
		S CENTER	3,564			00 OCT 2020	
	17100 READINES	S CENIER	3,304	(30,301 51)	31,0	00 001 2020	001 2021
8.	STATE GUARD/RESERV	E FORCES FACILITI	ES BOARD REG	COMMENDATION			
	FACILITIES IDENTIF	IED IN ITEM #6 HA	VE BEEN EXAM	MINED BY THE STATE	E RESERVE FORCES	19 SEE	2019
	FACILITIES BOARD F	OR POSSIBLE JOINT	USE/EXPANS	ON. THE BOARD REG	COMMENDATIONS AR	E (Da	ate)
	UNILATERAL CONSTRU	CTION.					
0	TAND ACQUITETERAN D	POLITOPO					
J.	LAND ACQUISITION R	τΛ∩τ⊻ τ η					0
	None					/ NT 5	0
						(Number of	acres)
10	. PROJECTS PLANNED	IN NEXT FOUR YEAR	.S				
	CATEGORY						COST
	CODE PROJECT T	TITLE			SCOPE		(\$000)
	NONE						
	DEFERRED SUSTAINME	NT, RESTORATION,	AND MODERNIZ	ZATION (SRM):	0		
	A SITE SURVEY HAS	BEEN COMPLETED AN	D THE SITE	IS SUITABLE FOR CO	ONSTRUCTION OF T	HE PROPOSED PRO	JECT AT
	THE ESTIMATED COST	INDICATED.					
11	. PERSONNEL STRENGT	H AS OF 30 SEP 20	20				
		PERMA				/RESERVE	
		TOTAL OFFICER	ENLISTED	CIVILIAN		OFFICER ENLIS	
	AUTHORIZED	9 0	6	3	119		114
	ACTUAL	9 1	5	3	103	4	99
12	. RESERVE UNIT DATA						
						STRENC	
	UNIT DESIGNATION		UIC	TPSN	MTOE/TDA	AUTHORIZED	ACTUAL
	(CO ENG SPT CO (RE	CAP))	WY5QAA	A 20515	05419RNG56	119	103
						119	103
					Ass	signed/Authoriz	zed: 87%

. COMPONENT	FY 2022 GUARD AND RESERVE		2. DATE
ARNG	MILITARY CONSTRUCTION		MAY 2021
. INSTALLATION AND	LOCATION		4. AREA CONSTRUCTI
Barrigada	INSNO= GQ012		COST INDEX
	INSNO- GQ012		
Guam			2.50
. MAJOR EQUIPMENT	AND AIRCRAFT		
TYPE		AUTHORIZED	<u>ACTUA</u>
WHEELED		59	5
TRAILERS		25	5 2
TRACKED		6	
	T > 30 FT	23	
Fuel Tru		2.3	
	CK		
HET			
TOTALS		113	11
OUTCTANDING DOLL	URION AND CARRED DEFICIENCIES		
. OUISTANDING POLL	UTION AND SAFETY DEFICIENCIES	, +	
		(\$000)	
	OLLUTION	C	
B. WATER	POLLUTION	C)
C. OCCUP	ATIONAL SAFETY AND HEALTH	C)

1. COMPONENT							2. DA	ATE
	FY 2022 MILITA	RY C	ONSTRU	UCT	CION PROJECT	DATA		
ARNG							MA	Y 2021
3. INSTALLATION AND LOCATION					4. PROJECT TITI			
Barrigada					NATIONAL GU	JARD		
Guam					READINESS (CENTER		
5. PROGRAM ELEMENT	6. CATEGORY CODE		7. PROJE	ECT	NUMBER	8. PROJE	CT COST (\$0	00)
				854	407			
0505896A	17180			140	0052	Approp	34	1,000
		9. C	OST ESTI	TAMI	ES			
1.0000 U.S. DOLLAR/U	S\$ ITEM	UM	(M/E)		QUANTIT	Y	UNIT COST	COST(\$000)
PRIMARY FACILITY								23,049
17180 Readiness Cente	er	m2	(SF)		2,896 (31,168)	6,458	(18,701)
44224 Unheated Storag	ge Building	m2	(SF)		461.82 (4,971)	3,660	(1,690)
81160 Backup/Emergen	cy Generator	EA			1		150,000	(150)
85210 Rigid Pavement	for MEP	m2	(SY)		5,038 (6,025)	263.12	(1,326)
81122 Electric Power	, Photovoltaic	EA			1		730,000	(730)
Sustainability	y/Energy Measures	LS						(452)
SUPPORTING FACILITIE:	3							6,268
Electric Service	-	LS						(231)
Water, Sewer, Gas		LS						(493)
Paving, Walks, Curbs	And Gutters	LS						(2,320)
Storm Drainage		LS						(404)
Site Imp(1,152) Demo	()	LS						(1,152)
Information Systems		LS						(203)
Antiterrorism Measur	es	LS						(460)
Other		LS						(1,005)
ESTIMATED CONTRACT C	OST							29,317
CONTINGENCY (5.00%)								1,466
SUBTOTAL								30,783
SUPV, INSP & OVERHEAD) (6.45%)							1,986
DESIGN/BUILD-DESIGN (COST (4.00%)							1,231
TOTAL REQUEST								34,000
TOTAL FEDERAL REQUES'	Γ							34,000
TOTAL FEDERAL REQUES'	Γ (ROUNDED)							34,000
INSTALLED EQT-OTHER	APPROP							(2,666)
10. Description of Proposed	Construction A spec	iall	y des	igr	ned Nationa	l Guard R	eadiness	Center of
permanent construction	on. The National G	uarc	d Read	line	ess Center	includes	the foll	owing items
that are integral to	the facility; Bac	kup/	Emerg	end	cy Generato	r, Organi	zational	Vehicle
Parking (Paved), Con	rolled Waste Faci	lity	, Fla	.mma	able Materi	als Facil	ity, and	Electric

10. Description of Proposed Construction A specially designed National Guard Readiness Center of permanent construction. The National Guard Readiness Center includes the following items that are integral to the facility; Backup/Emergency Generator, Organizational Vehicle Parking (Paved), Controlled Waste Facility, Flammable Materials Facility, and Electric Power, Photovoltaic. Comprehensive interior design will be included on this project. This facility will be designed to meet Industry Standards as well as all local, State, and Federal building codes and as per 42 U.S. Code 4154. Construction will include all utility services, information systems, fire detection and alarm systems, roads, walks, curbs, gutters, storm drainage, parking areas and site improvements. Facilities will be designed to a minimum life of 50 years in accordance with 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 not meet the Army 1 SQFT for 1 SQFT disposal policy. A memo requesting for exemption for the one for one will be submitted. This project will only meet the disposal of 4,000 SQFT. Disposal of 3 buildings at Fort Juan Muna, GM (Total 557 m2/6,000 SF). Air Conditioning (Estimated 394 kWr/112 Tons).

11. REQ: 3,564 m2 ADQT: NONE SUBSTD: NONE

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION			4. PROJECT TITLE		
Barrigada			NATIONAL GUAR	D	
Guam			READINESS CEN	TER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	407		
0505896A	17180	14	0052	Approp	34,000

PROJECT: To construct a 36,139 SQFT National Guard Readiness Center that supports training, administrative and logistical requirements of the GUARNG. This facility will be built on the Federal Military Reservation in Barrigada, Guam. (Current mission).

REQUIREMENT: Current mission is to provide command and control of engineer platoons that accomplish missions including rapid runway repair (RRR), initial base camp construction, non-explosive area clearing, constructing tactical unmanned aerial vehicle (UAV) airfields, helicopter landing zones (HLZs), and assault landing zones.

The engineer company is stationed at Fort Juan Muna; which presents significant safety concerns for assigned heavy equipment in order to access the primary highway. Operating speeds, sight distance issues and significant grade issues present safety concerns for the equipment entering and exiting horizontal construction engineering company that was once a vertical platoon. The company is currently occupying two 2,065 SQFT Bldgs and one 4,865 SQFT storage facility that cannot utilize SRM funding to meet the requirements of the company without falling into the area of a MILCON project.

Their current facilities at Fort Juan Muna are inundated with mold and other health and safety issues.

<u>CURRENT SITUATION:</u> This project is critical to Guam due to the current situation of safety concerns for assigned heavy equipment in order to access the primary highway. Operating speeds, sight distance issues and significant grade issues present safety concerns for the equipment entering and exiting the highway.

The current facilities at Fort Juan Muna presents health hazards. Because these facilities are old and have been through many disaster, molds and mildew are of primary concerns. Maintaining these facilities using SRM is no longer practical.

Aviation Unit is currently using sections of the CSMS (BLDG 800) and BLDG 700. These buildings are designated for other units, and the space has been taken out of hide to support their mission. Currently Detachment (DET) 2 does not have existing office space, equipment storage, or training locations.

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

Currently, Guam has begun the environmental assessment on this project.

There currently is no facility to complete the mission.

<u>Site</u>	<u>Site</u>	<u>Cat</u>	FACNO	ISR-I	F	<u>Q</u>	<u>C</u>	Loca	<u>al</u>
Code	UID	Code		Year	Rating	Rating	Rating	Nam	е
GQ011	5123	44224	00009	2019	F4	Q4	C4	No	Facility

1. COMPO	NENT									2. DATE
			FY 20)22 MIL:	ITARY (CONSTRUCT	ION PRO	JECT D	ATA	
1	ARNG									MAY 2021
3. INSTA	LLATION A	ND LOCATION					4. PROJECT	r TITLE		
Barrig	ada						NATIONA	L GUAR	.D	
Guam							READINE	SS CEN	TER	
5. PROGRA	AM ELEMEN	Γ	6. CATEGO	RY CODE		7. PROJECT	NUMBER		8. PROJECT COS	T (\$000)
						85	407			
050589	бА		17	180		14	0052		Approp	34,000
CURREN	T SITU	ATION: (C	ONTINUE	D)						
Code	UID	Code		Year	Rating	g Rating	Rating	Name		
GQ011	5123	44224	00009	2019	F4	Q4	C4	No Fac	cility	

IMPACT IF NOT PROVIDED: If this project is not provided, the unit continues to be challenged without an adequate facility and impact their ability to conduct proper training and maintenance of equipment. The facility they currently occupy continues to deteriorate at a rapid pace. There is a dire need for a new facility. If this facility is not provided, the unit's ability to train for its state and local mission continues to degrade. Equipment in Guam deteriorates quickly and without an adequate facility to conduct the maintenance, the units equipment may not meet mission requirements.

WP7QD2 is currently using sections of the CSMS (BLDG 800) and BLDG 700. These buildings are designated for other units, and the space has been taken out of hide to support their mission. Currently DET 2 does not have existing office space, equipment storage, or training locations.

Other units have given up office, CSMS repair space, motor pool, and parking areas to support the mission of WP7QD2. This impacts their ability to accomplish their missions by limiting maintenance bays, Soldier's training areas, and Company level office space. Readiness will be increased by 1)providing facilities that are intended to support aviation missions, (2) returning facilities that were intended for other units' missions, and (3) not dividing units between buildings degrading mission readiness. This project is invaluable in that it not only increases this unit's readiness, but support multiple other units' readiness at the same time.

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

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

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

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

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

						_
1. COMPONENT						2. DATE
		FY 2022 MILITARY	CONSTRUC'	FION PROJECT I	DATA	
ARNG 3. INSTALLATION A	ND IOGATION			4. PROJECT TITLE		MAY 2021
	ND LOCATION			NATIONAL GUAR	חס	
Barrigada Guam				READINESS CEN		
5. PROGRAM ELEMEN'	Т	6. CATEGORY CODE	7. PROJECT		8. PROJECT COST	r (\$000)
			İ			(4000)
0505896A		17180		407 0052	Approp	34,000
	(CONTINUE	I				
		have been made for s n accordance with Ex			and the pro	ject is not in a
	ENTAL DAT			order 11700.		
		sign Data:				
(1)	Status:					
		sign Start Date				OCT 2019
	(b) Per	rcent Complete as of	January	2021		35
	(c) Dat	te 35% Designed				OCT 2020
	(d) Dat	te Design Complete				OCT 2021
	(e) Pai	rametric Cost Estimat	ing Used	l to Develop C	osts	NO
	(f) Tyr	pe of Design Contract	: Desid	n-build		
		energy study and lif			will be	
		cumented during the f				
(2)	Basis:					
(2)		andard or Definitive	Degian:	NO		
	(a) bu	andard or berinitive	Design.	NO		
(3)	Total De	esign Cost (c) = (a)+	+(b) OR (d)+(e):		(\$000)
	(a) Pro	oduction of Plans and	d Specifi	cations		0
		l Other Design Costs.				1,004
		tal Design Cost				1,004
		ntract				1,001
	, ,					
	(e) In-	-house			• • • • •	0
(4)	Construc	ction Contract Award.				OCT 2021
(5)	Construc	ction Start				DEC 2021
(6)	Construc	ction Completion				OCT 2023

1. COMPONENT					2. DATE
	FY 2022 MILITARY	CONSTRUCT	TION PROJECT D	ATA	
ARNG					MAY 2021
3. INSTALLATION AND LOCATION	T		4. PROJECT TITLE		
Barrigada			NATIONAL GUAR	D	
Guam			READINESS CEN	TER	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
		85	407		
0505896A	17180	14	0052	Approp	34,000
12. SUPPLEMENTAL DA	TA (CONTINUED)	•			
B. Equipment as	sociated with this p	roiect wh	ich will be p	rovided from	n

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
F F & E	OMNG	Future Request	1,734
Kitchen Equipment (Type C)	OMNG	Future Request	51
ESS (171R)	OPA	Future Request	22
Info Sys - ISC	OPA	Future Request	185
Info Sys - PROP	OMNG	Future Request	674
		Total	2,666

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1. COMPONENT	1							2. D	ስጥሯ
1. COMPONENT		FY 2022 MILITAR	37	CONCUDITO	יייד ∩או דיייי	מרדהמיי ד	א ייי א	2. 0	HIE
ARNG		FY ZUZZ MILLIAR	Ľ	CONSTRUC	JION PR	KOOECI L	DAIA	M 7	Y 2021
3. INSTALLATION AND I	OCATION				4 PROJE	CT TITLE		IVIA	11 2021
					1. 11.002	01 11111			
Minor Construct Worldwide Vario					IIngnec	ified M	linor Co	nstruct	ion
5. PROGRAM ELEMENT	иь	6. CATEGORY CODE		7. PROJECT		, III Ca II		CT COST (\$0	
								,,,	
		0		_	0716 90022		Approp	30	9,471
			9	COST ESTIMA			APPLOP		,, 1, 1
1.0000 U.S. DOL	T 7 D /TTC	S\$ ITEM				OTT 3 3 TER T TER T		ITRITE COCE	GOGT (\$000)
PRIMARY FACILIT)	1	M (M/E)		QUANTITY		UNIT COST	COST(\$000) 39,471
	_	or Construction	LS						(39,471)
_			LS	_					ŧ
Sustaina	DITICA	//Energy Measures	17.	>					(0)
			ŀ						
			ŀ						
	T TEETE 6								
SUPPORTING FACI	LITIES	5 -	ŀ						
ESTIMATED CONTR	ACT CC	ST							39,471
CONTINGENCY (0.	00%)								0
SUBTOTAL									39,471
SUPV, INSP & OV	ERHEAD	0.00%)							0
TOTAL REQUEST									39,471
TOTAL FEDERAL R	EQUEST	• •							39,471
INSTALLED EQT-0	THER A	APPROP							(0)
10. Description of Pr	oposed (Construction Unspec	ifi	ed Mino	r Milita	ary Cons	structi	on (UMMC) projects
which have a fu	nding	cost of \$6,000,000) с	or less,	includ	ing cons	structi	on, alte	ration, or
conversion of p	ermane	ent or temporary fa	aci	lities a	as auth	orized 1	under 1	0 USC 18	233a(a)(1).
11. REQ:		IONE ADQT:			ONE		BSTD:		NONE
		ified Minor Milita							
l		ine item is needed							
		rogram projects fo							
	me to	be included in the	is	Militar	y Const	ruction	, Army	National	Guard
Program.									
CURRENT SITUATI	ON:	These unforeseen p	pro	jects a	ddress l	high pr	ioritie	s such a	s critical
mission require	ments,	environmental pro	ote	ection, a	and life	e, heal	th, or	safety t	hreatening
conditions. The	se pro	jects cannot wait	un	til the	next b	udget			
submission.									
12. SUPPLEMENT	AL DAT	<u>'A:</u>							
A. Estimat	ed Des	sign Data:							
	atus:								
(1)		sign Start Date							
[(k		rcent Complete as							0
((c) Dat	te 35% Designed	• •						

1. COMPONENT					2. DATE
		FY 2022 MILITARY	CONSTRUCTION PRO	OJECT DATA	
ARNG					MAY 2021
3. INSTALLATION AND	D LOCATION	Ī	4. PROJEC	T TITLE	
Minor Constru	ction				
Worldwide Var			Unspeci	ified Minor Constr	uction
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COS	
			90716		
		0	990022	Approp	39,471
12. SUPPLEME	NTAL DA	TA (CONTINUED)			
A. Estim	ated De	esign Data: (CONTINUE	ED)		
	(d) Da	ite Design Complete			
		rametric Cost Estima			NO
				relop costs	
	(f) Ty	rpe of Design Contrac	30:		
(2)	Basis:				
	(a) St	andard or Definitive	e Design: NO		
(3)	Total D	esign Cost (c) = (a))+(b) OR (d)+(e):		(\$000)
(3)					
		oduction of Plans ar			0
		l Other Design Costs			0
	(c) To	tal Design Cost		• • • • • • • • • • • • • • • • • • • •	0
	(d) Co	ntract			0
	(e) In	ı-house			0
(4)	Constru	action Contract Award	٦		
(1)	COMBCEA	delen concrace nware		•••••	
(5)	a .				
(5)	Constru	ction Start		• • • • • • • • • • • • • • • • • • • •	
(6)	Constru	ction Completion			
5 5 .					
в. Equip other appr		sociated with this p	project which wil	il be provided iro	m
Ocher appr	ОРГІАСІ	.0115		Fiscal Year	
Equipment			Procuring	Appropriated	Cost
Nomenclatu	ıre		Appropriation	Or Requested	(\$000)
			NONE		
			110112		

1016	F	Y 2022 MILITA	RY CONSTRU	CTION PRO	JECT DATA		3433	
ARNG 3. INSTALLATION AND LOG	CATION			4. PROJECT	TITLE			7 2021
Planning and Des Worldwide Variou	ign			Plannin	g and Desi	.gn		
5. PROGRAM ELEMENT		ATEGORY CODE	7. PROJEC	7. PROJECT NUMBER			(\$000	0)
			9	90717				
		0	9	990033	Appro	p	22	,000
			9. COST ESTI	MATES				
1.0000 U.S. DOLL	AR/US\$	ITEM	UM (M/E)	QU.	ANTITY	UNIT (COST	COST(\$000)
PRIMARY FACILITY								22,000
00000 Planning a	nd Desigr	1	LS					(22,000)
SUPPORTING FACIL	<u>ITIES</u>							
ECTIMATED CONTRA							\longrightarrow	22 000
ESTIMATED CONTRA CONTINGENCY (0.0								22,000
SUBTOTAL	0%)							22,000
SUPV, INSP & OVE	רעבאט (ט	008)						22,000 n
TOTAL REQUEST	ICHEAD (O.							22,000
TOTAL FEDERAL RE	OHEST							22,000
INSTALLED EQT-OT)D						(0)
10. Description of Pro			l provid	des for: r	parametric	concer	L	
design of major development of s	and unspe	ecified minor	construct	ion projec	cts; value			
11. REQ:	NONE	ADQT:	1	NONE	SUBSTD	:		NONE
l	hese fundional Guardinal uardina Guardina Guardina Guardina Guardina Guardina Guardina	gn and enginee teria and state to any othe ective of an ect. Funds will transcribe to final desi 2024. The functions	onstruction on struction of the second of th	on (MCNG) ices is valigns (convem in the s expense, for Archi ds are rec rtisement jects in F	and Unspecture enginerational continual continual continuation of project annual place	cified Meering, function onal Gua defined neer (A- accompl ts in th d for in	Minor and lard's score control	continued Layouts). MCNG ppe of a contracts, ment of 2022 ation of design

1. COMPONENT

2. DATE

1. COMPONENT 2. DATE								
				FY 2022 MILITARY	CONSTRUCT	rion proj	ECT DATA	
	ARNG							MAY 2021
3. IN	STALLATION A	ND LOC	ATION			4. PROJECT	TITLE	
Plar	nning and	Desi	.gn					
	ldwide Var		}				and Design	
5. PR	OGRAM ELEMEN'	Т		6. CATEGORY CODE	7. PROJECT	NUMBER	8. PROJECT COST	(\$000)
10	SUPPLEM	7777777	D 7 II	0		717 0033	Approp	22,000
12.								
				sign Data:				
	(1)	Stat						
		(a)		sign Start Date				
		(b)		rcent Complete as of				0
		(c)		te 35% Designed				
		(d)	Dat	te Design Complete		• • • • • • •		
		(e)	Pai	rametric Cost Estima	ting Used	l to Deve	lop Costs	NO
		(f)	Тур	pe of Design Contrac	t:			
	(2)	Basi	is:					
		(a)	Sta	andard or Definitive	Design:	NO		
	(3)	Tota	al De	esign Cost (c) = (a)	+(b) OR (d)+(e):		(\$000)
		(a)		oduction of Plans an				0
		(b)		l Other Design Costs				
		(c)		tal Design Cost				
		(d)		ntract				
		(e)		-house				
		(-)	111-	-110use			• • • • • • • • • •	
	(4)	Cons	struc	ction Contract Award	l .			
	(5)	Cons	struc	ction Start				
	(6)	Cons	struc	ction Completion				
(B. Equipother app			sociated with this pons:	roject wh	nich will	be provided from	n
-					- ·		Fiscal Year	a .
	Equipment Nomenclat	ure			Procuring Appropria		Appropriated Or Requested	Cost (\$000)
-	Nomenciae	<u>ur c</u>					or Requested	(\$000)
					NONE	ւ		