AIR NATIONAL GUARD Fiscal Year (FY) 2022 BUDGET ESTIMATES



MILITARY CONSTRUCTION BUDGET ESTIMATES PROGRAM YEAR 2022

Justification Data Submitted to Congress

May 2021

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2022

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SUMMARY PROJECT LIST AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2022

		AUTH	APPN	
		AMOUNT	AMOUNT	
STATE	INSTALLATION AND PROJECT	(\$000)	(\$000)	PAGE NO.
MASSACHUSETTS	Barnes Municipal Airport Combined Engine/ASE/NDI Shop	<u>12,200</u> 12,200	<u>12,200</u> 12,200	II-1
MICHIGAN	Alpena County Regional Airport Aircraft Aircraft Maintenance Hangar/Shops	23,000	23,000	II-6
	W. K. Kellogg Airport Construct Main Base Entrance	<u>10,000</u> 33,000	<u>10,000</u> 33,000	II-11
MISSISSIPPI	Jackson International Airport Fire Crash and Rescue Station	<u>9,300</u> 9,300	<u>9,300</u> 9,300	II-16
NEW YORK	Schenectady County Airport C-130 Flight Simulator Facility	<u>10,800</u> 10,800	<u>10,800</u> 10,800	11-22
ОНЮ	Camp Perry ANG Station RED HORSE Logistics Complex	<u>7,800</u> 7,800	<u>7,800</u> 7,800	II-27
SOUTH CAROLINA	McEntire Joint National Guard Base F-16 Mission Training Center	<u>9,800</u> 9,800	<u>9,800</u> 9,800	II-32
SOUTH DAKOTA	Joe Foss Field F-16 Mission Training Center	<u>9,800</u> 9,800	<u>9,800</u> 9,800	II-37
WISCONSIN	Dane County Regional-Truax Field Medical Readiness Facility F-35 3-Bay Specialized Hangar	13,200 <u>31,000</u> 44,200	13,200 <u>31,000</u> 44,200	11-42 11-47
WYOMING	Cheyenne Regional Airport Combined Vehicle Maintenance & ASE Complex	<u>13,400</u> 13,400	<u>13,400</u> 13,400	11-50

SUB-TOTAL MAJOR CONSTRUCTION	<u>150,300</u>	<u>150,300</u>	
PLANNING AND DESIGN		18,402	II-55
UNSPECIFIED MINOR CONSTRUCTION		29,068	II-57
SUB - TOTAL SUPPORT COSTS		<u>47,470</u>	
GRAND TOTAL - FY 2022 REQUEST	150,300	197,770	

NEW MISSION/CURRENT MISSION EXHIBIT AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2022

LOCATION	PROJECT	COST (\$000)	CURRENT/ NEW/ENV	
Barnes Municipal Airport, MA	Combined Engine/ASE/NDI Shop	12,200	С	
Alpena County Regional Airport, MI	Aircraft Maintenance Hangar/Shops	23,000	С	
W.K. Kellogg Airport, MI	Construct Main Base Entrance	10,000	С	
Jackson International Airport, MS	Fire Crash and Rescue Station	9,300	С	
Schenectady County Airport, NY	C-130 Flight Simulator Facility	10,800	Ν	
Camp Perry ANG Station, OH	RED HORSE Logistics Complex	7,800	С	
McEntire Joint National Guard Base, SC	F-16 Mission Training Center	9,800	Ν	
Joe Foss Field, SD	F-16 Mission Training Center	9,800	Ν	
Dane County Regional-Truax Field, WI	Medical Readiness Facility	13,200	С	
Dane County Regional-Truax Field, WI	F-35 3-Bay Specialized Hangar	31,000	Ν	
Cheyenne Regional Airport, WY	Combined Vehicle Maintenance & ASE Complex	13,400	С	
	PLANNING AND DESIGN UNSPECIFIED	18,402		
	MINOR CONSTRUCTION	29,068		
	TOTAL ENERGY TOTAL ENVIRONMENTAL TOTAL NEW MISSION (4) TOTAL CURRENT MISSION (7)	0 0 61,400 88,900		
	GRAND TOTAL - FY 2022 REQUEST	197,770		

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2022

SECTION I

APPROPRIATIONS LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Air National Guard, and contributions therefor, as currently authorized by law, \$197,770,000 to remain available until September 30, 2026: Provided that, of the amount, not to exceed \$18,402,000 shall be available for study, planning, design, and architect and engineer services, as authorized by law, unless the Director of the Air National Guard determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of the determination and the reasons therefor.

SPECIAL PROGRAM CONSIDERATIONS

Environmental Compliance

The environmental compliance projects proposed in this program are necessary to correct current environmental noncompliance situations and to prevent future noncompliance.

Flood Plain Management and Wetland Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned in accordance with the requirements of Executive Orders 11988, Flood Plain Management, and 11900, Protection of Wetlands. Projects have been sited to avoid long and short-term adverse impacts, reduce the risk of flood losses, and minimize the loss, or degradation of wetlands.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object, or setting listed in the National Register of Historic Places, except as noted on the DD Forms 1391.

Environmental Protection

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources.

SPECIAL PROGRAM CONSIDERATIONS (continued)

Reserve Manpower Potential

The reserve manpower potential to meet and maintain authorized strengths of all reserve flying/non-flying units in those areas in which these facilities are to be located has been reviewed. It has been determined, in coordination with all other Services having reserve flying/non-flying units in these areas, that the number of units of the reserve components of the Armed Forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those reserve units.

Construction Criteria Manual

Unless otherwise noted, the projects comply with the scope and design criteria prescribed in the Unified Facilities Criteria (UFC).

DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD MILITARY CONSTRUCTION PROGRAM FOR FISCAL YEAR 2022

SECTION II

PROJECT INSTALLATION / JUSTIFICATION DATA

1. COMPONENT	1. COMPONENT								
ANG	MA	Y 2021							
3. INSTALLATION A	4. AREA C								
Barnes Munic	ipal Airport, Westfield, M	IA		1.	15				
5. FREQUENCY AN	D TYPE OF UTILIZATION								
Four Unit Training Assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.									
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATION	S WITHIN 15 MILES RADIUS							
8 Army National Guard Armories, 1 Army Reserve Center, 1 Air Force Reserve Base, 1 Navy Reserve and 1 Marine Reserve									
7. PROJECTS REQ	UESTED IN THIS PROGRAM								
CATEGORY		SCOPE	COST \$(000)	DESIGI START	N STATUS				
211-157 Combi	ned Engine/ASE/NDLShop	2 518 SM (27 100 SE)	<u>\$(000)</u> 12 200	Dec 18	Sen 21				
		2,010 011 (21,100 01)	12,200	20010	000 21				
8. STATE RESERVI	E FORCES FACILITIES BOARD RE	COMMENDATION							
The Board recomme	ndations are: Unilateral Construction	n Approved		<u>1/12/2017</u> (Date)					
9. LAND ACQUISIT	ON REQUIRED			0					
			(Nu	mber of Acres	5)				
10. PROJECTS PLA CATEGORY	NNED IN NEXT FOUR YEARS				COST				
<u>CODE</u>	PROJECT TITLE		<u>SCOF</u>	<u>۴</u>	<u>\$(000)</u>				

. COMPONENT					-	2. D/	ATE	
ANG	FY 2022 GUARD AND RESERVE MILITARY CONSTRUCTION						MAY 2021	
INSTALLATION AND L	OCATION					I		
Barnes Municipal	Airport We	estfield M	А					
1. PERSONNEL STREN	IGTH AS OF 6-C	oct-20						
					CUAR		=	
	τοται							
	<u>101AL</u>	20	275	24	1007	100		
AUTHORIZED	44	32	375	34	1027	100	927	
ACTUAL	469	33	402	34	968	91	8//	
2. RESERVE UNIT DAT	A							
						STRENGT		
UNIT DESIGNA					AUTHORIZED		ACTUAL	
104 A	AMXS				197		176	
104 0	CES				56		51	
104 0	CF				34		30	
104 0	CPTF				12		9	
104 F	SS				58		56	
104 F	W				50		49	
104 L	.RS				84		75	
104 N	MDG				62		53	
104 M	MOF				28		27	
104 M	MSG				13		13	
104 N	ИХG				25		21	
104 M	MXS				256		237	
104 0	DG				7		6	
104 (OSE				31		28	
104	SES				79		75	
104 9					3		35	
131 F	ς - γ				32		27	
151 1	5	Tota	le		1027		968	
		-	15		1027		900	
B. MAJOR EQUIPMENT	AND AIRCRAF	Γ						
E 15					AUTHORIZED		ACTUAL	
r-10 Vehicles					21 134		∠1 130	
ASE Equipment					251		251	

1. COMPONENT	1. COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
	ed)				MAY 2021		
ANG							
3. INSTALLATION AN	4.	PROJECT	IIILE				
BARNES MUNICIPAL	AIRPORT, MASSACHUSE	ГТS	COME	BINED EN	GINE/ASI	E/ND	OI SHOP
5. PROGRAM ELEMEN	T 6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJI	ECT	COST(\$000)
52276F	211-157	AX	QD0490)60		\$12	,200
	9. COST	ESTIMAT	ES	1	- 1		
					UNI	Г	COST
COMDINED ENGINE			U/M SM	QUANIII 2 5 1 9	Y COS	1	(\$000)
ENGINE SHOP (2111	ASE AND NDI SHOP		SM	2,318	3.4	.00	(3917)
NDI SHOP (211153)	,		SM	372	4,1	30	(1,536)
AIRCRAFT SUPPOR	T EQUIPMENT (218712)		SM	994	3,4	-00	(3,380)
SUPPORTING FACILI	ΓIES						1,912
SITE IMPROVEMEN	VTS		LS				(418)
UTILITIES							(456)
COMMUNICATION	S SUPPORT						(430)
DEMOLISH BUILD	INGS 20, 21, 70, 71		SM	3,554		90	(320)
SUSTAINABILITY AN	D ENERGY REDUCTION		LS	,			<u>200</u>
SUBTOTAL							10,945
CONTINGENCY (5%)	OCT						$\frac{547}{11402}$
SUPERVISION INSPE	OSI CTION AND OVERHEAD (6%)					690
TOTAL REQUEST		(070)					$\frac{000}{12,182}$
TOTAL REQUEST (RO	UNDED)						12,200
				ļ			
10. Description of Pro	posed Construction: Cons	struct a con	ibined	jet engine	maintena	nce	and
inspection, Non-Destru	ctive Inspection (NDI), an	d Aircraft	Suppor	t Equipme	nt (ASE)		lity utilizing
conventional design and	a construction methods to	accommod	ate the	mission of	I the facilit	ity.	Facilities
(LIEC) 1 200 01 Gener	ral Building Requirements	and LIEC 1	200.0	2 High P	eu racini		d
Sustainable Building R	equirements The facility	should be a	-200-0	ble with a	nnlicable	Dol	Air Force
and base design standar	rds. In addition, local mate	erials and c	onstruc	tion techn	iques sha	ll be	used where
cost effective. This pro	piect will comply with DoI) antiterror	ism/for	ce protect	ion requi	eme	ents per
unified facilities criteria	a. Special Construction R	equiremen	ts: Ove	erhead crai	nes and h	oists	to meet jet
engine maintenance rec	quirements. NDI lab require	res speciali	zed X-	ray room a	and film d	level	oping room.
Air Conditioning: 263	KW.						
11. REQUIREMENT	: 2,518 SM ADEQUAT	E: 13 SM	SUB	STANDA	RD: 2,55	5 SN	N
PROJECT: Combined	l Engine/ASE/NDI Shop (Current Mi	ssion)				
REQUIREMENT: Th	e 104th Fighter Wing requ	ires propei	ly size	d, sited an	d configu	red s	space to
support jet engine man	ntenance and inspection, N	on-Destru	ctive In	spection (NDI), and $11 \cdot 11$		rcraft Support
Equipment (ASE) fund	tions in support of 18 PAA	A F-15 airc	ran. F	acility sha	ii include	nec	essary space
Wherever possible co	mmon areas shall be comb	ined to im	brove h	uilding off	, and lock	nd r	ooms.
footprint	minor areas sharr be comb				licicity a	nu r	cuuce
CURRENT SITUATI	ON: The current engine. A	SE and NI	DI shor	s presently	v occupy	buil	ding 20. The
facility was built in 19	69 and is too small to mee	t the currer	it space	requirem	ents for th	nese	functions.
Additionally, the space	e it does provide is poorly	configured	, energy	y inefficie	nt, and ha	ls nu	merous
health and safety viola	tions. It has inadequate fin	re protectio	n and u	itility supp	ort, and 1	necł	nanical
systems are past their	useful life and no longer m	eet code. '	The NI	OI shop is o	operating	at le	ess than 50%
of the required space a	nd the engine shop is split	between tw	vo sepa	rate facili	ties, both	of w	which impact

1. COMPONENT				2. DATE			
	FY 2022 MILITARY CONSTRUCTION PROJECT DATA						
ANG		100/11/2021					
3. INSTALLATION A	ND LOCATION						
BARNES MUNICIPAI	L AIRPORT, MASSACHUSET	TS					
5. PROJECT TITLE	,		7. PROJ	ECT NUMBER			
COMBINED ENGINE	ASE/NDI SHOP	1 6 11.4 6 1		QD049060			
Additionally building	e ASE snop is split between t	feet from a major roadway	rous work	arounds.			
antiterrorism standar	ds.	leet nom a major roadway a		ot meet current			
IMPACT IF NOT P	ROVIDED: Split operations	will continue for the engine	and ASE	shops. NDI will			
continue to work in i	nadequate space. All function	ons will be impacted by wor	karound a	nd inefficiencies			
caused by a lack of s	pace. Operations from a deg	rading facility will incur inc	creased uti	lity costs and			
additional facility m	aintenance. Personnel will co	ontinue to be exposed to unr	necessary l	nealth and safety			
risks associated with	operations in building 20.	ana manified in Air Nation	al Guard I	Jandhaalt 27			
1084 "Facility Space	e Standards" and is in compli	iance with the installation de	ai Guaru i velonmen	naliuuuuk 52-			
Antiterrorism/Force	Protection requirements have	e been considered in the dev	elopment (of this project.			
This facility can be u	used by other components on	an "as available" basis; how	vever, the	scope of the			
project is based on A	ir National Guard requireme	nts. Sustainable principles,	to include	Life Cycle cost			
effective practices, v	vill be integrated into the desi	ign, development and constr	uction of t	the project in			
accordance with Exe	cutive Order 13693, 10 USC	2802(c) and other applicable	le laws and	d Executive			
New Construction	The following buildings will	based on the following rule be demolished as a result of	this proje	ct: Building 20			
(2.248 SM / 24.202	SF). Building 21 (563 SM / 6	.056 SF). Building 70 (372	SM / 4.00	0 SF), and			
Building 71 (372 SN	1 / 4,000 SF)	,, ,,, ,, ,, ,, ,, ,, ,, ,),			
CatCode	ESTRICTIVE INSPECTION	$\begin{array}{c} \text{Requirement} A \\ \text{NL}(\text{ND}) \qquad 272 \text{ SM} \end{array}$	Adequate	Substandard			
211-153 NON-D	GINF INSPECTION & MAI	$\frac{110}{1152} \frac{572}{5M}$	$0 \mathrm{SM}$	1 364 SM			
218-712 AIRCR	AFT SUPPORT EQUIPMEN	T (AS 994 SM	0 SM	861 SM			
		X .					
ENGINE SHOP (21	1157)	1,152 SM = 12,400 SF					
NDI SHOP (211153) $\mathbf{DT} = \mathbf{O} (\mathbf{D} \mathbf{M} = \mathbf{N} \mathbf{T} - (\mathbf{D} \mathbf{T} - \mathbf{D} \mathbf{T})$	3/2 SM = 4,000 SF					
AIRCRAFT SUPPO	RT EQUIPMENT (218/12)	994 SM = $10,700$ SF					

1. COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA 2. DATE										
	(computer generated) MAY 202									
3. INSTALLATION AND LOCATION										
BARNES MUNICIPAL AIRPORT, MASSACHUSETTS										
5. PROJE	5. PROJECT TITLE 7. PROJECT NUMBER									
COMBIN	COMBINED ENGINE/ASE/NDI SHOP AXQD049060									
12. SUI	12. SUPPLEMENTAL DATA:									
a. Esti	mated Design	1 Data:								
(1) (2)	Status: (a) Date Dev (b) Parametric (c) Percent (c) (d) Date 35% (e) Date Des (f) Type of 1 (g) Energy S	sign Started ric Cost Estimates used to develop costs Complete as of Jan 2021 6 Designed sign Complete Design Contract Study/Life-Cycle analysis was/will be performed	Desigr	DEC 2018 No 65% JAN 2020 SEP 2021 n-Bid-Build No						
(3)	Basis: (a) Standard (b) Where D	l or Definitive Design - Design Was Most Recently Used -		No						
(4)	Total Cost (c) (a) Production (b) All Other (c) Total (d) Contract (e) In-House) = (a) + (b) or (d) + (e): on of Plans and Specifications r Design Costs		(\$000) 444 314 758 758 0						
(5)	Contract Awa	ard (Month/Year)		DEC 2022						
(6)	Construction	Start		MAR 2022						
(7)	Construction	Completion		SEP 2023						
	* Indicates constrained a second constraint of the second constraint of the second constraints o	ompletion of Project Definition with Parametric Cost Estimate e to traditional 35% design to ensure valid scope and cost and e	which executabili	ty.						
b. Equi	pment associa	ated with this project will be provided from other appropriations	3:	N/A						
DODIT		TT. NICD/444D								
POINT	OF CONTAC	(240) 612-7005								

1. COMPONENT	EX 2025 CIT	ARD AND RESERVE		2. DATE		
ANG	MILITARY	CONSTRUCTION		MA	Y 2021	
3. INSTALLATION A	4. AREA COST IN	ONSTR IDEX				
Alpena Count	y Regional Airport, Alpena	a, MI		1.	03	
5. FREQUENCY AN	D TYPE OF UTILIZATION			•		
Year-round ope Active military u	erational training of Air Natio units. Daily use by AGR wor	nal Guard units, other kforce and other brand	Reserve co ches of the .	mponents Armed Fo	, and rces.	
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATIONS	WITHIN 15 MILES RADIUS				
None within 15	Mile Radius.					
7. PROJECTS REQ	UESTED IN THIS PROGRAM					
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGN</u> START	<u>N STATUS</u> COMPLETE	
211-111 Aircraf	t Maintenance Hangar/Shops	2,248 SM (24,200 SF)	23,000	Aug 16	Aug 20	
8. STATE RESERVI The Board recomme	E FORCES FACILITIES BOARD RECOndations are: Unilateral Construction A	OMMENDATION Approved		<u>5/1/2018</u>		
				(Date)		
9. LAND ACQUISITI	ON REQUIRED		(Nu	0 mber of Acres	;)	
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS				COST	
	PROJECT TITLE		SCOF	<u>PE</u>	<u>\$(000)</u>	

1. COMPONENT		EV 2022			_	2. D/	ATE			
ANG		MILITARY CONSTRUCTION								
3. INSTALLATION	AND LOCATION					1				
Alpena Coun	ty Regional Air	port, Alpe	na, MI							
11. PERSONNELS	STRENGTH AS OF 06	-Oct-20								
	PERMANENT GUARD/RESERVE									
	<u>TOTAL</u>	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED			
AUTHORIZED	182	7	49	126	27	2	25			
ACTUAL	61	6	55	0	33	2	31			
12. RESERVE UN	IT DATA									
UNIT DE	SIGNATION				AUTHORIZED	STRENGT	H <u>ACTUAL</u>			
ANG CR	T - ALPENA CENTER				209		210			
		Tot	als		209		210			
13. MAJOR EQUIF	MENT AND AIRCRAF	T								
	TYPE				AUTHORIZED		<u>ACTUAL</u>			
Vehicles					182		175			
ASE Equ	ipment				550 247		526 236			

1. COMPONENT	1. COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
	ed)				MAY 2021				
ANG		t							
3. INSTALLATION AND	4. PROJECT TITLE								
ALPENA COUNTY REGI	ONAL AIRPORT MICHI	GAN	HANC	SAFT MA SAR/SHOP	INTENAN PS	ICE			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUN	MBER	8. PROJI	ECT	COST(\$000)		
		,							
52276F	211-111	TDV	/G0290)67		\$23	,000		
	9. COST	ESTIMATE	S						
					UNI	Г	COST		
	ITEM		U/M	QUANTIT	Y COS	Т	(\$000)		
AIRCRAFT MAINTENA	NCE HANGAR & SHOPS		SM	2,249		1.5	14,427		
MAINTENANCE HAN	GAR(21111)		SM	2,007	6,4	15	(12,8/5)		
SUPPORTING FACILITI	ES		SIVI	242	0,4	15	5.606		
SITE IMPROVEMENT	Ś		LS				(300)		
WATER STORAGE TA	ANK AND PUMP HOUSE		LS				(3,250)		
PAVEMENTS			LS				(1,259)		
COMMUNICATIONS	SUPPORT						(129)		
SUSTAINABILITY & EN	JERGY MEASURES						(008)		
SUBTOTAL			15				$20,\overline{290}$		
CONTINGENCY (5%)							1,015		
TOTAL CONTRACT CO	ST						21,305		
SUPERVISION, INSPEC	FION AND OVERHEAD ((6%)					$\frac{1,278}{22,582}$		
TOTAL REQUEST	NDED)						22,383		
							25,000		
associated aircraft mainta accommodate the missio accordance with the Dol and UFC 1-200-02, High compatible with applicate construction techniques a antiterrorism/force protect Requirements: Reinforce (HEF) system. Water sto Air Conditioning: 105 K	10. Description of Proposed Construction: Construct a high-bay aircraft maintenance hangar and associated aircraft maintenance shops utilizing conventional design and construction methods to accommodate the mission of the facility. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Reinforced concrete foundation on deep foundation system. High Expansion Foam (HEF) system. Water storage tank and pump house to supply the HEF system.								
11. REQUIREMENT: <u>PROJECT</u> : Aircraft Ma <u>REQUIREMENT</u> : The adequately sized, and ap	2,248 SM ADEQUAT intenance Hangar/Shops Alpena Combat Readine propriately configured a	E: 0 SM (Current M ss Training ircraft hang	SUBS lission Cente ar and	TANDAR) r (CRTC) maintena	D: 2,182 requires a nce shop	SM SM SM SM SM SM SM SM SM SM SM SM SM S	pperly sited, der to		
provide an integrated, y	ear-round, and realistic tr	raining envi	ronme	nt in order	r to enhan	ice v	isiting		
Unit's mission capability	v and readiness. N: Building 601 is the α	Irrent main	tenanc	e hangar f	or the CR	тс	is 48 vears		
old, has no fire suppress	ion, and is undersized for	r the missio	n. The	lack of a	1 adequat	elv-s	sized		
maintenance hangar lim	its the CRTC's ability to	provide an	optima	al training	environn	nent.	Due to the		
size and layout configur	ation, the hangar can only	y hold one l	F-16 a	ircraft, sev	verely lim	iting	g the		
capability for aircraft m	capability for aircraft maintenance or shelter. Training units' primary complaint about the Alpena						Alpena		
CRTC is insufficient ha	ngar space. The facility	currently ha	is been	given a k	Lisk Asses	sme	ent Code of 3		
with a tow due whenever	r the hangar is occupied	e lack of fire	e supp	ression re	quires a 2	4-no	our mre watch		
	a me nangai is occupied.								

1 COMPONE	NT							
1. COMPONE	1 1	FY 2022 MILITAR	Y CONSTRU	CTION PROJECT D	АТА	2. DATE		
ANG		TT 2022 WILLIAM	(computer gen	erated)		MAY 2021		
3. INSTALLA	TION A	ND LOCATION		/				
ALPENA COU	INTY RE	GIONAL AIRPORT, MI	CHIGAN					
5. PROJECT II	ECT NUMBER							
AIRCRAFT M	AIRCRAFT MAINTENANCE HANGAR/SHOPS TDVG029067							
IMPACT IF NOT PROVIDED: Visiting units will continue to have inadequate enclosed maintenance								
space for thei	space for their aircraft. Units will not be able to perform maintenance and inspections in an efficient							
manner, or no	ot at all	due to lack of shop spac	e. Many vis	iting units will conti	nue to be	unable to use		
the hangar at	all for t	heir aircraft due to its li	mited size an	d configuration.	10 11	T 11 1 22		
ADDITIONA	\underline{AL} : This ty Space	s project meets the crite	ria/scope spe	th the installation de	al Guard I	t plan		
Antiterrorism	/Force I	Protection requirements	have been co	onsidered in the dev	elonment (of this project.		
This facility of	can be u	sed by other component	ts on an "as a	vailable" basis: how	vever, the	scope of the		
project is bas	ed on A	ir National Guard requi	rements. Sus	stainable principles,	to include	Life Cycle cost		
effective prac	ctices, w	ill be integrated into the	e design, deve	elopment and constr	uction of	the project in		
accordance w	vith Exe	cutive Order 13693, 10	USC 2802(c)	and other applicabl	e laws and	d Executive		
Orders. This	project	is considered capitaliza	tion based or	the following rule	from ANC	SETL 17-06:		
New Constru	ction. E	Building 601: ACES-RP	condition co	ode 3 (Forced use $-s$	substandar	[.]		
CatCode				Requirement A	dequate	Substandard		
211-111 A	AIRCRA	AFT MAINTENANCE I	HANGAR	2,044 SM	0 SM	1,543 SM		
211-152 A	ARCRF	GENERAL PURPOS	E SHOPS	204 SM	0 SM	639 SM		
MAINTENA	NCE H	ANGAR (211111)	2,007 S	M = 21,600 SF				
MAINTENA	INCE 5	HOPS (211152)	242	SNI = 2,000 SF				

1. COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
	NC	(computer generated)		MAY 2021				
3. INSTALLATION AND LOCATION								
ALDENIA COLDITAL DECIONAL ADDODT MICHICAN								
5 PROJECT TITLE 7 PROJECT NUMBER								
AIRCRA	AIRCRAFT MAINTENANCE HANGAR/SHOPS TDVG029067							
12. SUI	PPLEMENTA	L DATA:						
a. Esti	imated Design	Data:						
(1)	Status:			AUG 2016				
	(a) Date De	sign Started		AUG 2016				
	(b) Parametr	The Cost Estimates used to develop costs		Y ES				
*	(c) Percent (Complete as of Jan 2021		100% NOV 2018				
	(d) Date 35%	o Designed		NUV 2018				
	(e) Date Des	Sign Complete	D.	AUG 2020				
	(f) Type of I	Jesign Contract	Design	-Bid-Build				
	(g) Energy S	study/Life-Cycle analysis was/will be performed		INO				
(2)	Basis:			NL				
	(a) Standard	or Definitive Design -		No				
	(b) Where D	lesign Was Most Recently Used -						
(3)	Total Cost (c	(a) = (a) + (b) or (d) + (e):		(\$000)				
(5)	(a) Production	on of Plans and Specifications		949				
	(b) All Othe	r Design Costs		555				
	(c) Total			1 506				
	(d) Contract			1,506				
	(e) In-House			1,500				
	(-)							
(4)	Contract Awa	ard (Month/Year)		MAR 2022				
(5)	Construction	Start		APR 2022				
(6)	Construction	Completion		DEC 2023				
	* Indicates constrained a second constraints and the second constraints and	ompletion of Project Definition with Parametric Cost Estimate we e to traditional 35% design to ensure valid scope and cost and exe	hich ecutabili	ty.				
b. Equi	pment associa	ted with this project will be provided from other appropriations:		N/A				
DODIT								
POINT	OF CONTAC	(240) 612 7005						
		(270) 012-7003						

1. COMPONENT		2. DATE				
ANG	MILITA	ARY CONSTRUCTION		MAY 2021		
3. INSTALLATION A	4. AREA CON	STR X				
W. K. Kellogg	1.03	3				
5. FREQUENCY AN	ID TYPE OF UTILIZATION					
Twelve monthly assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training.						
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATIO	NS WITHIN 15 MILES RADIUS				
Fort Custer Tra miles, Naval Re	ining Center, MI Army Na eserve Center - 3 miles	ational Guard - 3 miles; N	larine Corps	Reserve Co	enter - 2	
7. PROJECTS REQ	UESTED IN THIS PROGRAM					
CATEGORY			COST	DESIGN STA		
<u>CODE</u>	PROJECT TITLE	<u>SCOPE</u> 251 SM (2 700 SE)	<u>\$(000)</u>	<u>SIARI</u> <u>C</u>	Mor 21	
730-839 Consu	Tuci Main Base Entrance	201 SM (2,700 SF)	10,000	Fed 18	Mar 21	
8. STATE RESERV	E FORCES FACILITIES BOARD F	RECOMMENDATION				
The Board recomme	ndations are: Unilateral Construct	on Approved		<u>5/19/2017</u> (Date)		
9. LAND ACQUISIT	ION REQUIRED		/k1	0		
			(Nu	mber of Acres)		
CATEGORY					COST	
<u>CODE</u>	PROJECT TITLE		SCOP	<u>'E </u> \$	<u>;(000)</u>	

1. COMPONENT						2.	DATE
ANG	MILITARY CONSTRUCTION MAY 2021					1AY 2021	
3. INSTALLATION	AND LOCATION						
W. K. Kellogg Airport, Battle Creek, MI							
11. PERSONNEL S	TRENGTH AS OF 06	-Oct-20					
		PERMA	NENT		GUA	RD/RESER	RVE
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	TOTAL	OFFICER	<u>ENLISTED</u>
AUTHORIZED	301	50	148	103	949	242	707
ACTUAL	241	42	118	81	885	222	663
12. RESERVE UNIT	T DATA						
						STRENG	TH
UNIT DES	SIGNATION				AUTHORIZED		<u>ACTUAL</u>
110	CES				98		85
110	CF				37		26
110	CPTF				12		13
110	FSS				48		47
110	LRS				47		38
110	MDG				52		54
110	IVISG				13		11
110	OG				17		17
110	055				94 74		90 50
110	3F3 WING				/4		J2 //3
110	ΔΤΚς				42		43 83
217					241		208
217					72		63
110	STUFIT				3		49
110	STOLET	Tot	ale		- 949		885
		100	als		343		000
		T					
13. MAJOR EQUIP		I					
	<u>TYPE</u>				AUTHORIZED		<u>ACTUAL</u>
Vehicles	nuivalanta				71		62
ASE Equir	oment				27		27
, ion Eddin							

1. COMPONENT		FY 2022 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ТА	2.	DATE
(computer generated) MAY				MAY 2021				
ANG				4 1				
5. INSTALLATION AND LOCATION				4.	4. TROJECT IIILE			
W. K. KELLOGG AIRPORT, MICHIGAN					TRUCT M	AIN BAS	E EN	NTRANCE
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUMBER 8. PROJECT COST(\$000)				
					. = 0		.	
52276F		730-839	MBI	MV099	170		\$10	,000
		9. COST	ESTIMATE	ES				[
					OUANTT	UNI COS	Г	COST
CONSTRUCT MAIN	GAT	TE ENTRANCE		SM	258		1	(\$000) 958
GATE HOUSE (73	0839)	E ENTRANCE		SM	238	8,5	590	(241)
SECURITY FORC	ES O	PS (730835)		SM	7	8,5	590	(60)
COVERED VEHIC	CLE II	NSPECTION AREA (1459	921)	SM	223	2,9	949	(658)
SUPPORTING FACI	LITIE	S		TO				7,611
VEHICLE BARRI	ERSY	STEM/OVERWATCH						(236)
ROADS AND PAR	2 KINO	GLOTS		SM	9.815	2	62	(353)
SITE IMPROVEM	ENTS			LS	,,015		02	(1,773)
LANDSCAPING				LS				(466)
SECURITY FENC	ING			LS				(173)
MCCA ROAD UP	GRAI	DES		LS				(478)
COMMUNICATIC STANDBY DOWE)NS S 'D	UPPORT						(387)
SUSTAINABILITY A	ικ AND I	ENERGY MEASURES						(100)
SUBTOTAL				LU				8,998
CONTINGENCY (5%	6)							450
TOTAL CONTRACT	COS	Т						9,448
SUPERVISION, INS	PECT	ION AND OVERHEAD (6%)					$\frac{567}{10.015}$
TOTAL REQUEST	ROUN	JDFD)						10,015
IOTAL REQUEST (I	KOU1	(DED)						10,000
10. Description of I	Propo	sed Construction: Cons	struct a nev	v main	gate to in	clude gate	e hoi	use, security
forces badging area a	and co	overed vehicle inspectio	n area utiliz	zing co	onventiona	l design a	and o	construction
methods to accommo	odate	the mission of the facili	ty. Facilit	ies wil	l be desigr	ned as per	man	lent
construction in accor	dance	e with the DoD Unified	Facilities C	Criteria	(UFC) 1-2	200-01, C	dene	ral Building
Requirements and U	FC 1-	200-02, High Performa	nce and Su	stainab	le Buildin	g Require	emei	nts. The
facility should be con	mpati	ble with applicable Dol), Air Force	e, and b	base desig	n standare	ds. 1	ln addition,
local materials and c	onstru	action techniques shall t	be used who	ere cos	t effective	. I his pro	ojec	t will
Construction Require	ament	ts: active and passive ve	biele barrie	s per u	urity gates	nues crit	eria.	Special
demolition of existin	o nav	ements		.15, 500	unity gates		/mg.	Scientive
11 REOUIREMEN	JT· 2	57 SM ADEOUATE	0 SM S	UBST	ANDARD	· 12 SM		
PROJECT: Constru	ict M	ain Base Entrance (Curr	ent Mission	n).		. 12 5101		
REQUIREMENT:	The H	Battle Creek Air Nationa	l Guard Ba	ise req	uires an Ei	ntry Cont	rol F	Facility and
gate house that meets the requirements of DOD 5200.8-R, P				hysica	1 Security	Program,	and	UFC 4-022-
01, Security Engineering: Entry Control Facilities/Access Co			ontrol	Points and	l force pro	otect	tion standards	
to protect assigned p	person	nnel and resources in su	pport of mu	ultiple	assigned n	nissions. '	The	entry
complex requires ro	adwa	ys sited within a control	led area of	the ba	se allowin	g adequa	te sta	andoff,
response time and q	ueuin	g area. Vehicle denial b	arriers mus	st be pr	operly loc	ated to al	low	response time
to vehicle threats. A	ccess	roads must be capable	of controlli	ng pea	k traffic fl	ows while	e sat	tely rejecting
non-authorized vehi	cles.		. 11:4 1			LIEC		
CUKKENT SITUA	<u>HUN</u>	\mathbf{I} : The Entry Control Fa	cility does	not coi	mply with	UFC or A	Antı	dimentary ff
rerrorism/Force Pro	stectio	on (A1/FP) standards. A	Additionally	y, ine t	base entrar	ice is loca	nea	urecuy on a

1. COMPONENT				2. DATE		
ANG	FY 2022 MILITARY CONSTR (computer g	RUCTION PROJECT DA	АТА	MAY 2021		
3. INSTALLATION A	ND LOCATION	,		•		
W. K. KELLOGG AIRPORT, MICHIGAN						
5. PROJECT TITLE			7. PROJ	ECT NUMBER		
CONSTRUCT MAIN E	MB	MV000170				
55 mph. 5-lane high	vay with queuing area for only 3 v	ehicles per lane. This	creates ex	tremely		
dangerous situations	as personnel arrive in the morning	, especially on Regular	Schedule	ed Drill (RSD)		
weekends. The curre	ent location and layout results in si	gnificant traffic conges	stion that	is unsafe for		
Security Forces perso	onnel manning the gate and for per	sonal and Government	vehicles	entering and		
a vehicle threat does	not stop when directed. The vehic	le barriers are not pror	perly locat	ted to stop any		
vehicle threat. The ex	kisting contractor gate is not co-loc	cated, increasing manp	ower requ	irements. The		
contractor gate has ne	o vehicle denial barriers. Due to th	e gate location adjacer	it to the p	ublic roadway,		
contractor vehicles m	nust be allowed entry to the installa	ation prior to searching 2 (control #16,001)	them. Th	e gate complex		
withdrawal distances	for improvised explosive devices	as listed in AFMAN 9	1-201 Ex	nlosive Safety		
Standards. Existing	vehicle barriers have been assigned	d RAC 4 (control #15-0	(001) by th	ie 110th ATKW		
Safety office due to t	he corroded condition of the barrie	er components. The la	ck of prop	ber standoff		
distance directly expe	oses personnel and facilities to exp	losive blast overpressu	ire, fragm	entation, and		
compliant barrier pla	n and facility standoff distances it	accordance with force	access an	on requirements		
IMPACT IF NOT PF	<u>ROVIDED</u> : The installation will n	ot be adequately protec	cted as a d	lirect result of		
the inadequacy of the	e Entry Control Facility. The instal	lation's ability to prote	ect three h	ighly-classified		
assigned missions wi	Il remain degraded. Traffic will co	ntinue to impact public	c transpor	tation safety		
the base. Workaroun	ds for traffic will continue resultin	g in inefficient operation	nain road	broiect is		
necessary to ensure t	he base personnel, equipment & fa	cilities are adequately	protected			
ADDITIONAL: Thi	s project meets the criteria/scope s	pecified in Air Nationa	al Guard I	Handbook 32-		
1084, "Facility Space	e Standards" and is in compliance	with the installation de	velopmen	t plan.		
Antiterrorism/Force	Protection requirements have been used by other components on an "a	considered in the deve	elopment (of this project.		
project is based on A	ir National Guard requirements. S	s available basis, now	to include	Life Cycle cost		
effective practices, w	vill be integrated into the design, de	evelopment and constru	uction of	the project in		
accordance with Exe	cutive Order 13693, 10 USC 2802	(c) and other applicable	e laws and	d Executive		
Orders. This project	is considered capitalization based	on the following rule f	rom ANC	GETL 17-06:		
CatCode		Requirement A	dequate	Substandard		
145-921 OVER H 730-835 SECURI	IEAD PROTECTION TY FORCES (SE) OPER ATION	223 SM 7 SM	0 SM 0 SM	0 SM 0 SM		
730-839 SF TRA	FFIC CHECK HOUSE	28 SM	$0 \mathrm{SM}$	12 SM		
GATE HOUSE (720	<u>820)</u>	28 SM = 200 SE				
SECURITY FORCE	S OPS (730835)	7 SM = 70 SF				
COVERED VEHICI	LE INSPECTION AREA (145921)	223 SM = 2,400 SF				

1. COMPONEN	NT	FY 2022 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE				
(computer generated) MAY 202								
ANG 3. INSTALLAT	3. INSTALLATION AND LOCATION							
W. K. KELLOG	W K KELLOGG AIRPORT MICHIGAN							
5. PROJECT TI	5. PROJECT TITLE 7. PROJECT NUMBER							
CONSTRUCT MAIN BASE ENTRANCE MBMV099170								
12. SUPPLEMENTAL DATA:								
a. Estimated Design Data:								
 (1) Status (a) I (b) P (c) P * (d) D (e) D (f) T (g) E (2) Basis 	s: Date Des Parametr Percent C Date 35% Date Des Sype of I Energy S	sign Started ic Cost Estimates used to develop costs Complete as of Jan 2022 6 Designed ign Complete Design Contract tudy/Life-Cycle analysis was/will be performed	Desigr	FEB 2018 No 100% JAN 2020 MAY 2021 n-Bid-Build No				
(a) S (b) V	Standard Where D	or Definitive Design - esign Was Most Recently Used -		No				
(3) Total (a) P (b) A (c) T (d) C (e) In	Cost (c) Productic All Other Total Contract n-House	e = (a) + (b) or (d) + (e): on of Plans and Specifications r Design Costs		(\$000) 497 261 758 758				
(4) Contr	act Awa	rd (Month/Year)		MAR 2022				
(5) Const	truction	Start		MAY 2022				
(6) Const	truction	Completion		OCT 2023				
* Ind is cor	licates co mparable	ompletion of Project Definition with Parametric Cost Estimate e to traditional 35% design to ensure valid scope and cost and e	which executabili	ty.				
b. Equipment	associa	ted with this project will be provided from other appropriations	5:	N/A				
POINT OF CO	ONTAC	T: NGB/A4AD						
		(240) 612-7005						

1. COMPONENT	FY 2022 GU	ARD AND RESERVE		2. DATE			
ANG	MILITAR	CONSTRUCTION		MAY 2021			
3. INSTALLATION A	4. AREA C	ONSTR NDEX					
Jackson Interr		0	.91				
5. FREQUENCY AND TYPE OF UTILIZATION							
Four unit trainir technician/AGF	Four unit training assemblies per month, 15 days annual field training per year, daily use by technician/AGR force and for training.						
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATION	NS WITHIN 15 MILES RADIUS					
185th Theatre I Commercial Av	Brigade West Ramp Roac e Jackson, MS, US Marin	l Jackson, MS-US Army F e Corps Reserve 4350 S	Reserve Ce outh Drive ,	nter 180 Jackson,	MS		
7. PROJECTS REQ	UESTED IN THIS PROGRAM		000 T	55010			
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIG</u> <u>START</u>	<u>COMPLETE</u>		
130-142 Fire C	rash and Rescue Station	1,802 SM (19,400 SF)	9,300	Apr 17	May 20		
The Board recomme	ndations are: Unilateral Construction	on Approved		<u>3/23/2018</u> (Date)			
9. LAND ACQUISIT	ON REQUIRED		(Nui	0 mber of Acres	5)		
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS		, , , , , , , , , , , , , , , , , , ,		,		
CATEGORY <u>CODE</u>	PROJECT TITLE		<u>SCOP</u>	<u>'E</u>	COST <u>\$(000)</u>		

1. COMPONENT		EV 0000			-	2. D/	ATE
ANG	MILITARY CONSTRUCTION MAY 2021					AY 2021	
3. INSTALLATION A	ND LOCATION						
Jackson Interr	national Airp	oort, Jacksor	n, MS				
11. PERSONNEL S	TRENGTH AS OI	F 06-Oct-20	<u> </u>				
		PERMA	NENT		GUAF	RD/RESERV	F
	<u>TOTA</u>	L OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL		ENLISTED
AUTHORIZED	718	74	500	144	1273	202	1071
ACTUAL	600	67	406	127	1014	166	848
12. RESERVE UNIT	DATA					OTDENOT	
UNIT DES	IGNATION				AUTHORIZED	STRENGT	ACTUAL
172	AMXS				65		70
172	AW				55		57
172	CES				100		102
172	CF				38		40
209	Othor				100		02
203	ESC				L00		32
1/2	122				52		49
172	LKS				125		125
172	MDG				66		82
172	MOF				16		14
172	MSG				15		15
172	MXG				24		19
172	MXS				155		164
172	06				12		13
172	05				12		10
172	033				44		40
1/2	515				//		86
172	STUFLT				3		2
183	AMES				98		95
183	AS				134		145
172	Other				16		16
255	Other				186		160
		Tota	als		1381		1394
13. MAJOR EQUIPM	IENT AND AIRC	RAFT					
-							
<u> </u>	TPE				AUTHORIZED		ACTUAL
C-17					8		9
Vehicles					140		123
Vehicle Eq	uivalents				399		361
1							
1							

1. COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA					TA	2.	DATE		
ANC		(comp	uter generate	ed)				MAY 2021	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE					
JACKSON INTERNATIONAL AIRPORT, MISSISSIPPI					FIRE CRASH AND RESCUE STATION				
3. PROORAW ELEWI	EIN I	0. CATEGORT CODE	7. PROJEC	I NUI	VIDEK	8. PROJI	ECI	(\$000)	
52276F		130-142	LRX	KQ1090	002		\$9	,300	
		9. COST	ESTIMATE	ES					
		ITEM		TT/M	OUANTIT	UNI V COS	Т т	COST (\$000)	
CRASH AND FIRE	RESC	CUE FACILITY		SM	1,802		1	6,595	
FIRE STATION A	REA			SM	1,802	3,6	660	(6,595)	
SUPPORTING FACI	LITIE	ES						(245)	
PAVEMENTS								(243) (485)	
SITE IMPROVEM	ENTS	5		LS				(215)	
SPECIAL FOUND	ATIO	NS		LS				(385)	
DEMOLITION	JN SU	PPORI		LS SM	994	1	61	(140)	
SUSTAINABILIT	Y&I	ENERGY MEASURES		LS	774	1	01	(160)	
SUBTOTAL								8,390	
CONTINGENCY (5%	(6)	т						$\frac{420}{8810}$	
SUPERVISION, INS	PECT	ION AND OVERHEAD (6%)					529	
TOTAL REQUEST			,					9,339	
TOTAL REQUEST (ROUN	NDED)						9,300	
10. Description of I utilizing conventiona Facilities will be des Criteria (UFC) 1-200 Sustainable Building and base design stan- cost effective. This p unified facilities crite to poor in-situ soil co support and pavemen Demolish facilities in Air Conditioning: 56	Propo al des igned)-01, g Requ dards orojec eria. onditi nts to n foot 50 KV	sed Construction: Cons ign and construction me l as permanent construct General Building Requi uirements. Facilities sho . In addition, local mate t will comply with DoD Special Construction Re ons. Provide all necessa include parking and acc print of new construction V.	truct a main thods to accor- ion in accor- rements, an ould be com- erials and co- antiterroris equirements ary utilities, ress to adjacon.	n and s commo rdance d UFC patibl onstruc sm/ford : Reir site ir cent air	atellite fir odate the f with the I C 1-200-02 e with app etion techn ce protecti nforced co nproveme rcraft park	e crash an ire emerg DoD Unif , High Pe licable D liques sha on requir ncrete pil nts, comm ing apron	nd re gency fied l erfor oD, all be eme e for nuni and	escue station y services. Facilities mance and Air Force, e used where nts per undation due cation I taxiway.	
11. REQUIREMEN	NT: 1	,802 SM ADEQUAT	E: 0 SM	SUBS'	TANDAR	D: 994 S	SM		
PROJECT: Replace	e Cra	sh and Fire Rescue Stati	on (Current	t Missi	on)	1 0			
<u>REQUIREMENT:</u> to support eight (8)	The I $\mathbf{P} \mathbf{A} \mathbf{A}$	72d Airlift Wing requir	es a facility	to sup	port crash	and fire	resc	neration of a	
42 member, three sh	ift. fi	ull time operation and a	39 member	traditi	ional guar	d fire dep	artm	nent.	
Functional areas inc	lude:	pull through vehicle ba	ys for fire/c	rash re	escue vehi	cles, trair	ning	classroom,	
administrative space	e, con	trol/alarm room, physic	al fitness tra	aining	space, kite	chen, livi	ng q	uarters,	
equipment maintena	ance s	space, recreation, dining	, and necess	sary st	orage spac	e. Facilit	ties	must be able	
CURRENT SITUA	r/uay TION	operation. J. The administrative/liv	ving area of	the fi	re station i	s one-thi	d ur	nderscope	
The kitchen/dining	area d	loes not meet current fir	e codes. Th	ne dini	ng area ca	nnot acco	omm	odate the	
staff manning a sing	gle sh	ift. The training room is	s not large e	enough	to handle	the comp	plete	e staff.	
Normal training cla	sses h	nave to be conducted twi	ce to accon	nmoda	te an entir	e shift, w	astir	ng	
approximately 25 m	anho	urs of valuable training	time per we	ек. Т	here are no	ot enough	ı bur	nk rooms to	

1. COMPONENT			2. DATE				
ANG	FY 2022 MILITARY CONSTRUCTION PROJECT DAT (computer generated)	ГА	MAY 2021				
3. INSTALLATION A	ND LOCATION						
JACKSON INTERNAT	IONAL AIRPORT, MISSISSIPPI						
5. PROJECT TITLE		7. PROJE	ECT NUMBER				
FIRE CRASH AND RESCUE STATION LRXQ109002							
accommodate a full s	hift. The building does not have separate toilets or sleepin	ng quarte	ers for females				
and does not meet A	DA requirements. The Assistant Chief's quarters has a priv	vate toile	et which is used				
by the female staff.	The laundry facility is designed for half the required equip	ment and	l currently				
houses separate wash	ters and driers used to disinfect and clean blood/fuel soake	d bunker	gear in one				
system and clean bec	I linens in the other. There are no airlocks between the administration $\frac{1}{2}$ The approximation $\frac{1}{2}$ Solve underscope. The automatic a	ninistrati	ive/living area				
detection system is o	y. The apparatus day is 50% underscope. The automatic c	aluuli III nent are (stored in half of				
the apparatus bay. T	his eliminates the bay's drive through capability and forces	s a hazar	dous material				
response trailer and h	high expansion foam trailer to be stored outside in the elem	ents whe	ere summer				
temperatures are ofte	n in the high 90 degrees. Personnel accessing lockers bloc	ck the eg	ress path				
between the locker an	nd vehicle when the locker door is open which also preven	ts vehicl	es from safely				
entering/exiting the b	bay. The same situation occurs when CE maintenance pers	sonnel w	ork on electrical				
panels or plumbing l	ocated on the apparatus bay walls. The building does not h	have an e	equipment				
storage area forcing of	equipment to be stored in portable storage containers and o	other buil	dings owned by				
Jackson International	Airport. The facility, which is siled separately from the fi	nain base	e, must be				
firefighters including	y traditional guardsmen to have airport credentials in order	r to acce	ss the fire				
station. 200 man hou	urs of valuable training time are lost each unit training asse	mbly by	firefighters due				
to the credentialing p	rocess and transiting back and forth from the fire station to	o the mai	n base. The				
facility has extensive	foundation problems, which causes recurring roof leaks, s	sewer lin	e breaks, floor				
cracks and other safe	ty issues.						
IMPACT IF NOT PE	<u>ROVIDED</u> : Firefighting personnel will continue to operate	e in subst	tandard and				
undersized facilities.	Recruiting, retention and quality of life will be adversely	impacted	d. Valuable				
and inadequate space	will continue to hinder operations jeopardizing safety and	d the der	artment's				
ability to meet minin	tum response times for crash and rescue operations. The d	leteriorat	ed facility will				
require increasing nu	mbers of man hours and SRM funds to operate and mainta	uin.					
ADDITIONAL: Thi	s project meets the criteria/scope specified in Air National	Guard H	Iandbook 32-				
1084, "Facility Requ	irements" and is in compliance with the installation develo	pment p	lan approved by				
the base Facilities Bo	pard. Antiterrorism/Force Protection requirements have be	en consi	dered in the				
development of this j	project. The 172d Airlift Wing has a fire protection agreen	nent with	n the Jackson				
for the civilian airport	, which establishes the base fire department as primary crast	sn and re	An aconomic				
analysis has been pre	nared comparing the alternatives of constructing one large	fire stat	ion				
constructing main &	satellite facilities, revitalization of existing, and status quo	operatio	on. New				
construction of a mai	n and satellite fire station has been found to be the best life	e-cycle c	ost alternative.				
Design will determin	e adequate sizes for the main and satellite station with tota	l project	scope not to				
exceed 19,400 SF. T	he existing fire station (10,694 SF) falls in the footprint of	the new	satellite fire				
station and will be de	emolished as part of the construction. This facility can be u	used by o	other				
components on an "a	s available" basis; however, the scope of the project is basis	ed on A1	r National				
integrated into the de	Sustainable principles, to include Life Cycle cost effective	e practic	es, will de				
Order 13423 10 US	$\simeq 2802$ (c) and other applicable laws and Executive Orders	uanee w					
	() Present and Incourt of Orders						

1. COMPONENT	2. DATE						
ANG	(computer generated) MAY 2021						
3. INSTALLATION AND LOCATION							
JACKSON INTERNAT	TIONAL AIRPORT, MISSISS	IPPI					
5. PROJECT TITLE 7. PROJE							
FIRE CRASH AND RESCUE STATION LRXO							
Facility R	PUID						
350 12	294207						
351 1.	294209						
CatCode		Requirement	Adequate	Substandard			
130-142 FIRE CF	RASH/RESCUE STATION	1,802 SM	0 SM	994 SM			
FIRE STATION AR	EA	1,802 SM = 19,400 SF					

1. COMPONENT		FY 2022 MILITARY CONSTRUCTION PROJECT DA	2. DATE				
		(computer generated)		MAY 2021			
ANG 3. INSTALLATION AND LOCATION							
JACKSON INTERNATIONAL AIRPORT, MISSISSIPPI							
5. PROJECT	7. PROJI	PROJECT NUMBER					
FIRE CRASH	LR	LRXQ109002					
12. SUPPL	EMENTA	L DATA:					
a. Estimat	ted Design	Data:					
(1) Stat (a) (b) (c) * (d) (e) (f) (c)	APR 2017 No 100% MAR 2019 MAY 2020 n-Bid-Build						
(2) Bas (a) (b)	sis: Standard Where D	or Definitive Design - Design Was Most Recently Used -		No			
(3) Tot (a) (b) (c) (d) (e)	al Cost (c) Productio All Other Total Contract In-House) = (a) + (b) or (d) + (e): on of Plans and Specifications r Design Costs		(\$000) 391 244 635 635 0			
(4) Con	ntract Awa	ard (Month/Year)		MAR 2022			
(5) Con	nstruction	Start		MAY 2022			
(6) Con	(6) Construction Completion OCT 202						
* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope and cost and executability.							
b. Equipme	b. Equipment associated with this project will be provided from other appropriations: N/A						
POINT OF	CONTAC	T:NGB/A4AD					
		(240) 612-7005					

1. COMPONENT			2. DATE				
ANG	FY 2022 (MILITA		MAY 2021				
3. INSTALLATION A	4. AREA C	4. AREA CONSTR					
Schenectady	1.	1.07					
5. FREQUENCY AN	ID TYPE OF UTILIZATION						
Four Unit Train technician/AGF	ing assemblies per mon R force and for training.	th, 15 days annual field tra	ining per ye	ear, daily u	ise by		
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATI	ONS WITHIN 15 MILES RADIUS					
Naval Reserve Center (on airfield - within 1 mile)							
7. PROJECTS REQ	UESTED IN THIS PROGRAM						
CATEGORY CODF	PROJECT TITI E	SCOPE	COST \$(000)	<u>DESIGI</u> START	N STATUS COMPLETE		
171-212 C-130	Flight Simulator Facility	1 059 SM (11 400 SF)	<u> </u>	Mar 19	Mar 21		
	· · · · · · · · · · · · · · · · · · ·	.,					
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION The Board recommendations are: Unilateral Construction Approved			<u>2/26/2014</u> (Date)				
9. LAND ACQUISIT	ION REQUIRED			0	_		
			(Nu	mber of Acres	5)		
10. PROJECTS PLA CATEGORY	NNED IN NEXT FOUR YEARS				COST		
<u>CODE</u>	PROJECT TITLE		<u>SCOP</u>	<u>'E</u>	<u>\$(000)</u>		

1. COMPONENT					2. D	2. DATE			
ANG	MILITARY CONSTRUCTION					М	MAY 2021		
3. INSTALLATION A	AND LOCATION								
Schenectady	County Airpor	rt, Scotia, I	١Y						
11. PERSONNEL S	TRENGTH AS OF 0	6-Oct-20							
	PERMANENT				GUA	RD/RESERVE			
	TOTAL	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED		
AUTHORIZED	536	79	442	15	689	147	542		
ACTUAL	509	73	421	15	638	126	512		
12. RESERVE UNIT	12. RESERVE UNIT DATA								
UNIT DES	IGNATION				AUTHORIZED	STRENGT	ACTUAL		
109	AMXS				83		64		
109	AW				46		42		
109	CES				48		37		
109	CF				37		31		
109	CPTF				14		14		
109	FSS				60		54		
109	LRS				126		121		
109	MDG				59		62		
109	MOF				18		17		
109	MSG				18		13		
109	MXG				19		17		
109	MXS				226		167		
109	OG				14		13		
109	055				43		46		
109	SES				7/		40 65		
109	STUFIT				2		89		
130	AFS				100		83		
120	ALS				174		161		
155	AJ Other				56		101		
	other	T .4	- 1-		<u> </u>		43		
			ais		1218		1145		
13. MAJOR EQUIPT		Γ I							
<u>:</u>	<u>TYPE</u>				AUTHORIZED		<u>ACTUAL</u>		
C-130H					10		12		
Vehicles	wivelente				99 240 5		91 240		
ASE Equin	oment				153		340 144		
					100		111		
1 COMPONENT		EV 2022 MILITARY CO	NSTRUCTI	ON PR	OIECT DA	ТЛ	2	DATE	
----------------------------	---------------	------------------------------------	---------------	------------------------	---------------------------	------------------------	----------------	---------------------	
(computer genera					OJECT DF	1A	۷.	DATE	
ANG		(comp	ater generati				MA	AY 2021	
3. INSTALLATION A	ND	LOCATION		4.	PROJECT	TITLE			
SCHENECTADY COU		C-130 FLIGHT SIMULATOR FACILITY							
5. PROGRAM ELEME	NT	6. CATEGORY CODE	7. PROJEC	8. PROJECT COST(\$000)					
54332F		171-212	VBI	DZ179()43		\$10	.800	
0.0021		0 COST	ESTIMATE	20	, 10			,	
		9.0081	ESTIMATE	20	1	LINI	т	COST	
		ITEM		U/M	OUANTIT	Y COS	T	(\$000)	
C-130 FLIGHT SIMU	LAT	OR TRAINING FACILIT	Y	SF	11,400			7,790	
FLIGHT SIMULAT	OR ((171212)		SF	11,400	6	580	(7,752)	
DEMOLISH HUT A	AREA	A		SF	1,536		25	(38)	
SUPPORTING FACIL	JTIE	S		τc				1,470	
UTILITIES PAVEMENTS								(400)	
SITE IMPROVEME	INTS	5						(300)	
COMMUNICATIO	NS S	UPPORT		LS				(200)	
FIRE PROTECTION	N SU	PPORT		LS				(220)	
SUSTAINABILITY &	ENI	ERGY MEASURES		LS				<u>400</u>	
SUBTOTAL	`							9,660	
TOTAL CONTRACT) COS	Т						$\frac{483}{10143}$	
SUPERVISION, INSP	ECT	ION AND OVERHEAD (6%)					609	
TOTAL REQUEST		(10,752	
TOTAL REQUEST (R	OUN	NDED)						10,800	
10 Description of D			4	1	C 120 ft;	1.4	f		
10. Description of Pl	ropo L das	ion and construction: Cons	truct a nigr	i-bay, i	C-130 Ilig adata tha t	nt simula	tor I f tha	facility	
Facilities will be desired	aned	as permanent construct	ion in acco	rdance	with the l	DoD Unit	fied 1	Facilities	
Criteria (LIFC) 1-200-	_01	General Building Requi	rements an	d UFC	1_200_02	High Pe	rfor	nance and	
Sustainable Building	Rea	uirements. The facility	should be c	ompat	ible with a	, mgn re innlicable	e Dol	D. Air Force.	
and base design stand	ards	. In addition, local mate	rials and c	onstruc	ction techr	niques sha	all be	e used where	
cost effective. This p	roje	ct will comply with DoE	antiterrori	ism/foi	ce protect	ion requi	reme	ents per	
unified facilities criter	ria.	Special Construction R	equirement	s: Bri	dge crane	and roll-ı	ıp do	oor.	
Air Conditioning: 100) To	ns.			-				
11. REQUIREMEN	T: 1	1,400 SF ADEQUAT	E: 0 SF	SUBS	ΓANDAR	D: 0 SF			
<u>PROJECT</u> : C-130 F	light	t Simulator Facility (New	v Mission)						
<u>REQUIREMENT</u> : 1	The t	base requires a properly	sited, adeq	uately	sized, and	appropri	ately	configured	
flight simulator facility	ity h	ouse a flight simulator to	o train airci	rews to	ofly the 1^2	PAA C/	LC-	130 aircraft	
assigned to this insta	llatio	on. Functional areas inc	lude a 2-sto	ory hig	h bay to h	ouse flig	ht sii	nulator,	
briefing rooms, admi	inisti	rative areas for training a	and suppor	t starr,	equipmen	t and mai	nten	ance rooms,	
rooms and latring fa	num ciliti	cations room supporting	, simulator	operat	ions, meer	ianicai an		ectrical utility	
CURRENT SITUAT	TON	ics. I: The installation is sch	eduled to r	eceive	a new sin	nulator ar	nd cu	rrently does	
not have adequate fac	ciliti	es to house it. Crews pe	erform trair	ning an	d meet au	alification	n rea	uirements by	
either flying existing	bas	ed aircraft or performing	temporary	/ duty a	at an insta	llation the	at ha	s an	
appropriate simulator	r. G	iven the unique nature of	f this unit's	s missi	on in the A	Arctic and	l Ant	tarctic	
environments and ho	ours	of extended darkness du	ring deploy	ments	, environn	nental cor	nditio	ons dictate	
that currency and pro	oficie	ency have to be obtained	l outside th	e miss	ion enviro	nment, w	hich	could require	
long distance travel i	n or	der to attain and retain f	light currer	ncies ai	nd missior	n-ready qu	ıalifi	ications.	
IMPACT IF NOT PE	ROV	<u>IDED</u> : No facility will	be availabl	e to ho	ouse the ne	ew simula	tor b	being	
procured for the 109	th A	Irlitt Wing. Lack of an e	existing fac	ulity at	ttects the r	number of	t cer	tified pilots	

1. COMPONENT				2. DATE					
ANG	FY 2022 MILITARY	CONSTRUCTION PROJECT	Γ	MAY 2021					
AING 3. INSTALLATION A	DATA (CONDECTION	omputer generated)							
SCHENECTADY COU	NTY AIRPORT, NEW YORK		7 000						
5. PROJECT TITLE 7. PROJECT N									
C-130 FLIGHT SIMULATOR FACILITY VBDZ179043									
mission training will climactic conditions. risk to tactical airlift training costs and inc in aircraft. <u>ADDITIONAL</u> : Thi 1084, "Facility Space Antiterrorism/Force I This facility can be u project is based on A effective practices, w accordance with Exe Orders. This project New Construction. T A Real Property Unio	be delayed or lost. Additional Extra cost incurred to send a operations in combat applicate creased wear and tear on aircr s project meets the criteria/sc e Standards" and is in complia Protection requirements have sed by other components on a ir National Guard requirement fill be integrated into the design cutive Order 13693, 10 USC is considered capitalization b Che facility number for this fat que Identifier (RPUID) will b	al tainting opportunities are aircrews elsewhere for requi- tions due to reduced training raft as qualifications and trai- ope specified in Air Nation ance with the installation de been considered in the deve an "as available" basis; how its. Sustainable principles, gn, development and constr 2802(c) and other applicable based on the following rule to cility is: TBD.	lost due te red training g opportun ining wou al Guard I evelopment vever, the to include uction of from ANC	o Arctic ng. Increased nities. Higher ld be conducted Handbook 32- it plan. of this project. scope of the Life Cycle cost the project in d Executive GETL 17-06: rd.					
CatCode 171-212 FLGHT	SIMULATOR TRAINING	Requirement A 985 SM	dequate 0 SM	Substandard 0 SM					
FLIGHT SIMULAT	OR (171212)	985 SM = 10,600 SF							

1. COMPONENT	FY 2022 MIL	ITARY CONSTRUCTIO	ON PROJECT DA	TA	2. DATE			
(computer generated) MAY 2021								
3. INSTALLATION A	AND LOCATION				-			
SCHENECTADY COUNTY AIRPORT, NEW YORK								
5. PROJECT TITLE				7. PROJ	ECT NUMBER			
C-130 FLIGHT SIMU	LATOR FACILITY			VE	3DZ179043			
12. SUPPLEMENT	AL DATA:							
a. Estimated Desig	gn Data:							
(1) Status:								
(a) Date D	esign Started				MAR 2019			
(b) Parame	tric Cost Estimates us	ed to develop costs			NO			
(c) Percent	Complete as of Jan 20)21			35%			
* (d) Date 35	% Designed				MAR 2020			
(e) Date De	esign Complete				MAR 2021			
(f) Type of	Design Contract			Design	n-Bid-Build			
(g) Energy	Study/Life-Cycle ana	lysis was/will be perform	ned	0	YES			
(2) Basis:								
(a) Standar	d or Definitive Design	1 -			NO			
(b) Where	Design Was Most Rec	ently Used -			N/A			
(3) Total Cost ((c) = (a) + (b) or (d) + (b)	(e):			(\$000)			
(a) Product	tion of Plans and Spec	ifications			397			
(b) All Oth	er Design Costs				207			
(c) Total	-				542			
(d) Contrac	et				542			
(e) In-Hous	se							
(4) Contract Av	vard (Month/Year)				APR 2022			
(5) Construction	n Start				MAY 2022			
(6) Construction	n Completion				AUG 2023			
* Indicates is comparab	completion of Project ble to traditional 35% of	Definition with Parameter design to ensure valid sco	ric Cost Estimate vope and cost and e	which xecutabili	ity.			
b. Equipment associ	iated with this project	will be provided from ot	her appropriations	:	N/A			
			FY					
EOU	JIPMENT	PROCURING	APPROPRIAT	ſED	COST			
NOME	NCLATURE	APPROPRIATION	OR REQUEST	ſED	(\$000)			
			-					
POINT OF CONTA	CT·NGR/A4AD							
	(240) 612-7005							
	(210) 012-7003							

1. COMPONENT	1. COMPONENT							
ANG	FY 2022 GU MILITARY	ARD AND RESERVE		MA	Y 2021			
3. INSTALLATION A	ND LOCATION			4. AREA C				
Camp Perry A	NG Station, Port Clintor	n, OH		0.00	94			
5. FREQUENCY AN	D TYPE OF UTILIZATION							
Ohio Air National Guard RED HORSE Unit (primary). 1 RSD/ Month, 15 Days of Annual Training (minimum) per year. Coast Guard and Navy Sea Cadet Program utilizes facilities for 1								
RSD/Month and annual training as well.								
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATION	S WITHIN 15 MILES RADIUS						
1 Army Nationa Guard (active),	al Guard Training Center (o 2 Army National Guard Ur	co-located); 1 U.S. Coast nits	Guard Res	serve, 1 U	.S. Coast			
7. PROJECTS REQ	UESTED IN THIS PROGRAM							
CATEGORY <u>CODE</u>	PROJECT TITLE	SCOPE	COST <u>\$(000)</u>	<u>DESIGI</u> START	N STATUS COMPLETE			
442-758 RED H	IORSE Logistics Complex	2,136 SM (23,000 SF)	7,800	Jul 18	Sep 21			
8. STATE RESERVI	E FORCES FACILITIES BOARD RE	COMMENDATION		0/4/0047				
The board recommen		пдротеа		(Date)				
9. LAND ACQUISIT	ON REQUIRED		(Nu	0 mber of Acres	3)			
10. PROJECTS PI A	NNED IN NEXT FOUR YEARS		(,			
CATEGORY <u>CODE</u>	PROJECT TITLE		SCOP	<u>'E</u>	COST <u>\$(000)</u>			

1. COMPONENT ANG		FY 2022 (MILITA	GUARD ANI RY CONST	D RESERVE	E	2. DATE MAY 2021		
3. INSTALLATION A	IN AND LOCATION							
Camp Perry A	NG Station, Po	ort Clintor	n, OH					
11. PERSONNEL S	TRENGTH AS OF 06-	Oct-20						
	TOTAL	PERMA	NENT		GUARD	RESERVE		
AUTHORIZED	33	3	ENLISTED 17	13	210 <u>101AL</u> <u>(</u>	10 200		
ACTUAL	32	3	17	12	190	12 178		
12. RESERVE UNIT	DATA							
						STRENGTH		
UNIT DES	IGNATION				AUTHORIZED	ACTUAL		
200	RHS				210	190		
200	STUFLI				0	32		
		Totals	5		210	222		
13. MAJOR EQUIPM	MENT AND AIRCRAFT	Ē						
]	<u>TYPE</u>				AUTHORIZED	ACTUAL		
Vehicles Vehicle Fo	uivalents				109 273	100 273		
					210	210		

1. COMPONENT	FY 2022 MILITARY CC	NSTRUCTI	ON PR	OJECT DA	TA	2.	DATE
(computer generated) MAY 2021						MAY 2021	
ANG 3 INSTALLATION AN	4	4. PROJECT TITLE					
5. IIIIIIIIIIIIIIIIIIIIIIIII	IROJECT IIIEE						
CAMP PERRY ANG ST	TATION, OHIO		RED H	RED HORSE LOGISTICS COMPLEX			
5. PROGRAM ELEMEN	NT 6. CATEGORY CODE	CT NUN	ABER	8. PROJI	ECT	COST(\$000)	
52276F	442-758	EU	BC0091	.09		\$7,	,800
	ES						
					UNI	Т	COST
	ITEM		U/M	QUANTIT	Y COS	Т	(\$000)
RED HORSE LOGISTI	ICS COMPLEX		SM	2,136	2.2	20	5,477
VEHICLE MAINTE	NANCE SHOP (214425)		SM	502	3,2	229	(1,621)
VEHICLE OPS ADA	ENANCE BAY (214407)		SM	/4	3,2	229	$\begin{pmatrix} 239 \\ 241 \end{pmatrix}$
BASE SUPPLY AD	MIN(610121)		SM	03	3,7	714	$\begin{pmatrix} 241 \\ 345 \end{pmatrix}$
LOGISTICS READE	NESS (171445)		SM	93 16	3,7	717	(3+3)
BASE SUPPLY WA	RESS(1714+5) REHOUSE (422758)		SM	1 1 8 9	1.8	284	(2240)
COMBAT ARMS TH	(171476)		SM	1,107	3 7	714	(2,240)
SUPPORTING FACILI	TIFS		5101	107	5,1	17	1 393
UTILITIES	TIES		LS				(300)
PAVEMENTS			LS				(500)
DEMOLITION			SM	1.821	1	61	(293)
COMMUNICATION	IS SUPPORT		LS	-,	-		(100)
SITE IMPROVEME	NTS		LS				(200)
SUSTAINABILITY AN	ND ENERGY MEASURES		LS				110
SUBTOTAL							6,980
CONTINGENCY (5%)							349
TOTAL CONTRACT (COST						7,329
SUPERVISION, INSPE	ECTION AND OVERHEAD	(6%)					440
TOTAL REQUEST							7,769
TOTAL REQUEST (RO	DUNDED)						7,800
10 Description of Pro	oposed Construction: Cons	struct a REI	D HOR	SE Logist	rics Comr	olex	
incorporating Vehicle	Maintenance, Refueler Ma	intenance S	Supply	Warehous	se Comb	at A	rms
Training and Maintena	unce (CATM) with associa	ted function	nal and	administr	ative sna	ce ut	ilizing
conventional design or	and construction methods to	accommod	oto tho	mission	f the feel		Encilities
will be designed as per	manent construction in acc	ordance wi	ith the	DoD Unifi	ed Eacili	tios (Critoria
(LIEC) 1 200 01 Gene	manent construction in acc	and LIEC 1		$2 \text{ Uich } \mathbf{D}$	arformon		d
$(U\Gamma C)$ 1-200-01, Gene	an building Requirements		-200-0	2, 11gli F0			
Sustainable Building F	requirements. The facility s		ompati	ble with a			J, Alf Force,
and base design standa	irds. In addition, local mate	erials and co	onstruc	tion techni	iques snal	li be	used where
cost effective. This pro	bject will comply with Dol	antiterrori	sm/ior	ce protecti	on requir	eme	nts per
unified facilities criter	la.						
Air Conditioning: 1/5	KW.			T 1 3 15 1 5			
II. REQUIREMENT	2,137 SM ADEQUAT	E: 0 SM	SUBS	TANDAR	D: 0 SM		
PROJECT: RED HO	RSE Logistics Complex (C	urrent Mis	s10n)		(D.T.C.) .		
<u>REQUIREMENT</u> : T	his project supports the 200)th RED HO	ORSE S	Squadron ((RHS) mi	ssio	n at Camp
Perry Air National Guard Station (ANGS) in Port Clinton, Ohio. The base requires a proper					erly sized		
and configured logisti	ics complex to enable the n	nission for t	raining	g and curre	ent operat	ions	tempo.
The functional require	ements include supply ware	ehouse, veh	icle ma	intenance	and refue	eler	
maintenance, Combat	Arms Training and Mainte	enance (CA	TM), a	nd admini	strative s	pace	e for logistics
personnel. This will b	e a single location for the l	ogistics flig	ght for a	shipping a	nd receiv	ing a	along with
the maintenance of th	e large vehicle fleet of REI	D HORSE.	The pr	oject will	also inclu	ide a	ı large,
external hardstand for	the staging of mobility as	sets for rapi	d deplo	yment.			-
		*		-			

1 COMPONENT			2 DATE					
	FY 2022 MILITARY CONSTRUCTION PROJECT DA	ТА						
ANG	(computer generated)		WAY 2021					
3. INSTALLATION A	ND LOCATION							
CAMP PERRY ANG S	TATION, OHIO							
5. PROJECT TITLE		7. PROJE	ECT NUMBER					
CURRENT SITUAT	ION: The base's current storage space is inadequate is al	so spread	out amongst					
several buildings cre	ating inefficiencies in the supply and logistics operation	so spicad s well as	daily command					
and control. Size and	configuration of existing space is limiting functional use	. The mai	n facilities are					
on the corner of two	roads and does not meet Anti-Terrorism/Force Protection	(AT/FP)	standards so the					
site will be set back t	to comply with standards. When receiving deliveries, tract	tor trailer	trucks cannot					
access the base suppl	ly loading docks without driving on grass and blocking tra	affic. The	existing vehicle					
maintenance facility	is of the oldest on the installation and in incapable of rend	ovations t	o make the					
facility better due to	the nature of the facility's construction. The installation l	acks the a	ability to					
properly maintain the	e unit's refueler truck.		2					
ÎMPACT IF NOT PH	ROVIDED: The base will continue to function inefficient	ly and in	a disjointed					
manner. Some wartin	ne preparations will continue to be completed in a space v	where safe	ety could easily					
be compromised. Tra	affic flow on the base will continue to be impacted also co	mpromisi	ing safety.					
Vehicle maintenance	will continue to be an inefficient function for the unit.							
ADDITIONAL: Thi	s project meets the criteria/scope specified in Air Nationa	l Guard H	Iandbook					
32-1084, "Facility Sp	pace Standards" and is in compliance with the installation	developm	nent plan.					
Antiterrorism/Force	Protection requirements have been considered in the deve	lopment o	of this project.					
This facility can be u	ised by other components on an "as available" basis; how	ever, the s	scope of the					
project is based on A	ir National Guard requirements. Sustainable principles, t	o include	Life Cycle cost					
effective practices, w	rill be integrated into the design, development and constru	iction of t	he project in					
accordance with Exe	cutive Order 13693, 10 USC 2802(c) and other applicable	e laws and	Executive					
Orders. This project	is considered capitalization based on the following rule fi	rom ANG	EIL 17-06:					
New Construction.	The following buildings will be demolished as a result of t $1.10 (\pm 4.05 \text{ SM})$ for a total of 1.222 SM. Detilition 2	this project	ct: 4 (at 892					
SM), 21 (at 465 SM)	and 19 (at 465 SM) for a total of 1,822 SM. Buildings 2.	I and 19 a	are in the way					
of construction.								
CatCode	Paquirement A	dequate	Substandard					
171_445 RESERV	VE FORCES O&T FACILITY 46 SM	0 SM						
171-445 KESER	$T \Delta RMS TRNG \& MAINT (CATM) = 167 SM$	$0 \mathrm{SM}$	0 SM					
214-425 VFHICI	F MAINTENANCE SHOP 502 SM	0 SM	0 SM					
211-123 VEILOI 214-467 REFUEL	ING VEHICLE SHOP 74 SM	0 SM	0 SM					
442-758 BASE S	UPPLY & EQUIPMENT WHSE 1 189 SM	0 SM	0 SM					
610-121 VEHICI	E OPERATIONS ADMIN 65 SM	0 SM	0 SM					
610-122 BASE S	UPPLY ADMINISTRATION 93 SM	0 SM	0 SM					
VEHICLE MAINTE	NANCE SHOP (214425) 502 SM = 5,400 SF							
REFUELER MAIN	TENANCE BAY (214467) $74 \text{ SM} = 800 \text{ SF}$							
VEHICLE OPS AD	MIN (610121) $65 \text{ SM} = 700 \text{ SF}$							
BASE SUPPLY AD	MIN (610122) 93 SM = 1,000 SF							
LOGISTICS READI	NESS (171445) $46 \text{ SM} = 500 \text{ SF}$							
BASE SUPPLY WA	REHOUSE (422758) 1,189 SM = 12,800 SF							
COMBAT ARMS T	RAINING (171476) 167 SM = 1,800 SF							

1. COMPONENT	FY 2022 MILITARY CONSTRUCTION PROJECT DA	ΔTA	2. DATE					
(computer generated) MAY 202								
ANG								
5. INSTALLATION AND LOCATION								
CAMP PERRY ANG STATION, OHIO								
5. PROJECT TITLE 7. PROJECT NUMBER								
KED HOKSE LOGISTICS COMPLEX EUBC009109								
12 SLIPPLEMENTAL DATA:								
12. SUPPLEMENIAL DAIA:								
a. Estimated Desigr	n Data:							
(1) Status: (a) Date De	sion Started		ПП. 2018					
(b) Parametr	ric Cost Estimates used to develop costs		No					
(c) Percent (Complete as of Jan 2021		35%					
* (d) Date 35%	% Designed		AUG 2020					
(e) Date De	sign Complete		SEP 2021					
(f) Type of I	Design Contract	Design	n-Bid-Build					
(g) Energy S	Study/Life-Cycle analysis was/will be performed	D 2010.	No					
(8) 2000, -	fudy/life cycle analysis mag and co percented		1.0					
(2) Basis:								
(a) Standard	l or Definitive Design -		No					
(b) Where D	Design Was Most Recently Used -							
(3) Total Cost (c	(a) = (a) + (b) or (d) + (e)		(\$000)					
(a) Producti	f = (a) + (b) of (a) + (b).		265					
(a) 11000000 (b) All Othe	on of Plans and Specifications		202					
(0) All Ould (c) Total	r Design Cosis		203					
(c) I Utal (d) Contract			520					
(a) Contract (e) In-House			330 0					
(0) 111-11005	5		v					
(4) Contract Awa	ard (Month/Year)		APR 2022					
(5) Construction	Start		MAY 2022					
(6) Construction	Completion		AUG 2023					
* Indicates c is comparabl	e to traditional 35% design to ensure valid scope and cost and e	which executabili	ty.					
b. Equipment associa	ated with this project will be provided from other appropriations	s:	N/A					
			1					
POINT OF CONTAC	CT: NGB/A4AD							
	(240) 612-7005							

1. COMPONENT				2. DATE					
ANG	FY 2022 GU MILITAR	JARD AND RESERVE Y CONSTRUCTION		MAY	´ 2021				
3. INSTALLATION A	ND LOCATION			4. AREA CO					
McEntire Joint	t National Guard Base,	Eastover, SC		0.86					
5. FREQUENCY AN	5. FREQUENCY AND TYPE OF UTILIZATION								
Twelve monthly unit assemblies per year, 15 days annual field training per year, daily use by technician/AGR force and for training, flight training 4-7 days per week, deployment preparation and recovery. Air Force, Army and Marine tactical exercises, use									
and receivery, /	and brood, 7 and y and marine								
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATION	NS WITHIN 15 MILES RADIUS							
1 Active Army E Marine Corp Re (CSMS), 1 Arm	Base, 6 Army National Gu eserve Armory, 1 Army Na y Aviation Support Facility	ard Armories, 1 Army Na ational Guard Combined /, 1 Army National Guard	tional Guar Support ma State Head	d Training aintenance dquarters.	Center, 1 e Shop				
7. PROJECTS REQ	UESTED IN THIS PROGRAM								
CATEGORY CODE	PROJECT TITLE	SCOPE	COST \$(000)	<u>DESIGN S</u> START	STATUS COMPLETE				
171-212 F-16 M	lission Training Center	1,208 SM (13,000 SF)	9,800	Jun 18	Aug 21				
					-				
8. STATE RESERVE The Board recomment	E FORCES FACILITIES BOARD R ndations are: Unilateral Construction	ECOMMENDATION on Approved		<u>8/2/2017</u> (Date)					
9. LAND ACQUISITI	ON REQUIRED			0	_				
			(Nu	mber of Acres	5)				
10. PROJECTS PLA CATEGORY	NNED IN NEXT FOUR YEARS				COST				
CODE	PROJECT TITLE		SCOP	<u>'E</u>	<u>\$(000)</u>				

1. COMPONENT						2. D/	2. DATE	
ANG	MILITARY CONSTRUCTION						Y 2021	
3. INSTALLATION A	AND LOCATION							
McEntire Join	t National Gua	ard Base, E	Eastover, S	SC				
11. PERSONNEL S	TRENGTH AS OF 0	6-Oct-20						
		PERMA	NENT		GUAR)/RESERV	F	
	TOTAL	<u>OFFICER</u>	ENLISTED	<u>CIVILIAN</u>	TOTAL	<u>OFFICER</u>	ENLISTED	
AUTHORIZED	922	68	697	157	1095	103	992	
ACTUAL	526	43	377	106	794	80	714	
12. RESERVE UNIT DATA								
UNIT DES	IGNATION				AUTHORIZED	STRENGT	H ACTUAL	
457					40			
15/	FS AMVS				43 212		39 217	
109					313		21/	
103					101		90	
169	CPIF				16		11	
169	CS				64		48	
169	FSS				77		61	
169	FW				42		47	
169	LRS				111		78	
169	MDG				61		49	
169	MOF				35		15	
160	MSC				35		10	
169	IVISG				22		12	
169	MXG				32		24	
169	MXS				373		207	
169	OG				15		7	
169	OSS				70		44	
169	SFS				132		66	
169	State				74		69	
169	STUELT				0		72	
245	ATCS				110		72 65	
243	AICS				110		05	
316	FS				100		99	
HQ	STHQ				40		24	
		Tota	lls		1837		1350	
13. MAJOR EQUIPM	MENT AND AIRCRA	FΤ						
-	<u>TYPE</u>				AUTHORIZED		ACTUAL	
F-16D					24		26	
Vehicles					144		136	
Vehicle Eq	uivalents				362		352	
ASE Equip	ment				268		258	
1								

							-	
1. COMPONENT	1. COMPONENTFY 2022 MILITARY CONSTRUCTION PROJECT DATA2. DATE							DATE
		(comp	uter generat	ed)				MAY 2021
ANG								
3. INSTALLATION	AND	LOCATION		4.]	PROJECT '	TITLE		
MCENTIRE JOINT N	JATIC	NAL GUARD BASE, SO	UTH					
CAROLINA		F-16 N	AISSION T	RAINING	G CE	NTER		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUN	MBER	8. PROJ	ECT	COST(\$000)
						-		(()
52620F		171-212	PST	ГЕ1890	01		\$9.	.800
		70	-		, , , , , , , , , , , , , , , , , , ,)		
		9.0081	ESTIMATE	25		I D H	T	COST
				11/14			T	COST
	DIDIC				QUANIII	r cos	1	(\$000)
F-16 MISSION TRA		J CENTER		SM	1,208		(7)	8,062
MISSION IRAIN	ING C	ENTER(1/1212)		SM	1,208	6,0	5/4	(8,062)
SUPPORTING FACI		18		TO				610
UTILITIES								(125)
PAVEMENIS SITE IMPROVEM								(125)
	IENIS	b						(100)
	ONG G	UDDODT						(100)
	JN2 2	OPPORT			272		171	(100)
DEMOLITION ENERGY AND SUG		A DIL ITY MEACUDES		SM	372		101	(60)
ENERGY AND SUS	IAIN	ABILITY MEASURES		LS				<u>123</u> 8 707
SUBIUIAL CONTINCENCY (50)/)							0,797
TOTAL CONTRACT	70) F COS	T						0.227
SUDEDVISION INS	DECT	TON AND OVERHEAD (6%)					9,237
TOTAL PEOLIEST	FECI	ION AND OVERHEAD (070)					0 701
TOTAL REQUEST								9,791
TOTAL REQUEST (KOUI	(DED)						9,000
10. Description of I facility utilizing con facility. Facilities v Facilities Criteria (U Performance and Su applicable DoD, Air techniques shall be u protection requirement flooring as required, (SCIF) specification facility. Demolish b Air Conditioning: 10	10. Description of Proposed Construction: Construct a 4-ship F-16 Mission Training Center (MTC) facility utilizing conventional design and construction methods to accommodate the mission of the facility. Facilities will be designed as permanent construction in accordance with the DoD Unified Facilities Criteria (UFC) 1-200-01, General Building Requirements and UFC 1-200-02, High Performance and Sustainable Building Requirements. The facility should be compatible with applicable DoD, Air Force, and base design standards. In addition, local materials and construction techniques shall be used where cost effective. This project will comply with DoD antiterrorism/force protection requirements per unified facilities criteria. Special Construction Requirements: Raised flooring as required, high bay area for simulators, and Secure Compartmentalized Information Facility (SCIF) specifications and construction in accordance with ICD/ICS 705 is necessary for most of the facility. Demolish building 958.							
All Collutioning: IC			E. 0.034	OI ID O			r	
PROJECT: Constru	n1: 1 uct 4-	Ship F-16 Mission Trair	E: 0 SM ning Center	SUBS (New	I ANDAR Mission)	D: 0 SM	L	
REQUIREMENT:	The i	nstallation requires a fac	cility to sup	oport a	new 4-shi	p F-16 M	TC s	simulator
capable of housing	4 sim	ulator bays, training roo	ms, admini	istrativ	e support a	areas, sto	rage,	, and latrine
space, certified to I	CD/IC	CS 705 standards. Each	simulator b	oay mu	st be large	enough	to ac	commodate
an eight channel, 36	60-deg	gree field of view) displa	ay with suf	ficient	space to fa	acilitate i	nstal	lation,
removal, operation,	and s	servicing.	•		•			
CURRENT SITUA	TION	I: The installation is sch	neduled to r	eceive	mission to	raining sv	/sten	ns, and the
base does not posse	ess exc	cess or suitable space to	bed down	the sim	ulator dev	vices and	cond	luct
supporting training	and n	naintenance activities	The Mission	n Train	ing Center	r is ideall	v sui	ited for
inclusion in or near	the S	auadron Operations faci	lity hut the	at huild	ling is alre	adv at ca	inaci	ty and cannot
accommodate this a	nhan.	cement No other facilit	v is availab	nle to a	nnronriata	ly accom	mod	late this
function as well T	he fir	etion needs to be in ala	y is availat	$\frac{1}{10}$ $\frac{10}{10}$ $\frac{1}{2}$	ppropriate	nerationa	unou and	the flight line
runcuon as well. 1		iction needs to be in Clo	se proximit	iy 10 SC		perations	and	the fight line
L								

1. COMPONENT				2. DATE					
	FY 2022 MILITARY C	ONSTRUCTION PROJECT DA	ATA	MAX 2021					
ANG	(com	puter generated)							
3. INSTALLATION A	ND LOCATION								
MCENTIRE IOINT NA	TIONAL GUARD BASE SO	LITH CAROLINA							
5. PROJECT TITLE	TIONAL GOARD BASE, 50	O III CAROLINA	7. PROJ	ECT NUMBER					
F-16 MISSION TRAINING CENTER PSTE189001									
in order to maximize	training value and support of	efficient flight operations and	aircrew t	raining and					
management.			cc	• • •					
IMPACT IF NOT PH	<u>ROVIDED</u> : The unit would	not be able to gain maximum	i efficient	in the training,					
training canability.	sion readiness of its fighter p	ft multi platform combat trai	i possessio	off of its advance					
reduces the mission e	effectiveness and combat real	diness of the Wing Personn	el would	need to perform					
temporary duty elsev	where in order to obtain requ	isite training, resulting in inc	reased cos	sts for travel and					
increased time away	from the installation and oth	her duty assignments for person	onnel. Pe	rsonnel					
utilization would be	highly inefficient. High val	ue, state-of-the-art equipment	would go	o un-used					
occupy space in stora	age.								
ADDITIONAL: Thi	s project meets the criteria/s	cope specified in Air Nationa	al Guard I	Handbook					
32-1084, "Facility Sp	pace Standards" and is in co	mpliance with the installation	i developr	nent plan.					
Sustainable principle	s, to include Life Cycle cost	t effective practices, will be in	itegrated	into the design,					
2802(c) and other an	nicable laws and Executive	Orders This project is consi	idered car	, 10 USC					
based on the following	pricable raws and Executive	6: New Construction The fo	llowing h	uildings will be					
demolished as a resu	It of this project: 958 (at 37	2 SM). Building 958 is in the	e way of c	construction.					
CatCode		Requirement A	dequate	Substandard					
171-212 FLGHT	SIMULATOR TRAINING	1,208 SM	0 SM	0 SM					
MISSION TO A ININ	C CENTED (171212)	1.209 SM = 12.000 SE							
MISSION IRAININ	O CENTER (1/1212)	1,208 SM – 13,000 SF							

1. COMPONEN	Т	FY 2022 MILITARY CONSTRUCTION PROJECT		2. DATE				
ANG		DATA (computer generated)		MAY 2021				
3. INSTALLAT	ION A	ND LOCATION						
MCENTIRE JOINT NATIONAL GUARD BASE, SOUTH CAROLINA								
5. PROJECT TIT	5. PROJECT TITLE 7. PROJECT NUMBER							
F-16 MISSION TRAINING CENTER PSTE189001								
12. SUPPLEMENTAL DATA:								
a. Estimated	Design	n Data:						
 (1) Status: (a) D (b) Pa (c) Pa (c) Pa * (d) Da (e) Da (f) Ty (g) En 	: Date De arametr ercent (ate 35% ate Des ype of I nergy S	sign Started ric Cost Estimates used to develop costs Complete as of Jan 2021 & Designed sign Complete Design Contract Study/Life-Cycle analysis was/will be performed	Desigr	JUN 2018 No 95% JAN 2020 FEB 2021 I-Bid-Build No				
(2) Basis: (a) St (b) W	andard /here D	or Definitive Design - Design Was Most Recently Used -		No				
 (3) Total ((a) Pr (b) A (c) To (d) Co (e) In 	Cost (c coduction ll Othe otal ontract -House) = (a) + (b) or (d) + (e): on of Plans and Specifications r Design Costs		(\$000) 370 261 631 631 0				
(4) Contra	act Awa	ard (Month/Year)		JAN 2022				
(5) Constr	ruction	Start		APR 2022				
(6) Constr	ruction	Completion		JUL 2023				
* Indi is com	cates c nparabl	ompletion of Project Definition with Parametric Cost Estimate e to traditional 35% design to ensure valid scope and cost and e	which xecutabili	ty.				
b. Equipment	associa	ted with this project will be provided from other appropriations	:	N/A				
POINT OF CO)NT 4 (T. NGB/444D						
	JIN I AC	(240) 612-7005						

1. COMPONENT		2. DATE					
ANG	FY 2022 GU MILITARY	ARD AND RESERVE		MAY 2021			
3. INSTALLATION A	ND LOCATION			4. AREA C			
Joe Foss Field	d, Sioux Falls, SD			1.	03		
5. FREQUENCY AN	D TYPE OF UTILIZATION						
Twelve monthly assemblies per year along with necessary local annual field training days are utilized for required readiness training. Daily use is made of all facilities by technician/AGR force.							
6. OTHER ACTIVE/	6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS						
One (1) Army National Guard Armory and 1 Army/Navy Reserve Facility							
7. PROJECTS REQ	UESTED IN THIS PROGRAM						
CATEGORY CODF	PROJECT TITI F	SCOPF	COST \$(000)	<u>DESIGI</u> START	N STATUS COMPI FTF		
171-212 F-16 M	lission Training Center	1 208 SM (13 000 SF)	<u>9 800</u>	Oct 18	Mar 21		
		., (,	0,000				
The Board recommend	ndations are: No joint project with A	NG.		<u>5/24/2018</u> (Date)			
9. LAND ACQUISIT	ON REQUIRED			0			
			(Nui	mber of Acres	5)		
10. PROJECTS PLA CATEGORY	NNED IN NEXT FOUR YEARS				COST		
<u>CODE</u>	PROJECT TITLE		<u>SCOP</u>	<u>'E</u>	<u>\$(000)</u>		

1. COMPONENT					2. DA	2. DATE	
ANG	MILITARY CONSTRUCTION				MA	AY 2021	
3. INSTALLATION A	AND LOCATION						
Joe Foss Field	d, Sioux Falls,	SD					
11. PERSONNEL S	TRENGTH AS OF 0	6-Oct-20					
					CUAR		=
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	- ENLISTED
AUTHORIZED	459	53	371	35	1063	119	944
ACTUAL	448	52	362	34	1109	116	993
12. RESERVE UNIT	DATA						
						STRENGTH	1
UNIT DES	<u>IGNATION</u>				AUTHORIZED		ACTUAL
114	AMXS				203		213
114	CES				94		93
114	CF				34		33
114	CPTF				12		11
114	FSS				52		48
114	FW				44		42
114	LRS				79		74
114	MDG				61		60
114	MOF				26		21
114	MSG				14		16
114	MXG				24		21
114	MXS				239		258
114	OG				8		6
114					34 76		32 60
114					70		52
114	STOPLI				21		20
HO	ANG				29		30
		Tota	ls		1063		1109
13. MAJOR EQUIP	MENT AND AIRCRA	FI					
-	TYPE				AUTHORIZED		ACTUAL
F-16					18		24
Vehicles	uivalente				106		106 311
ASE Equin	oment				229		225

1. COMPONENT		FY 2022 MILITARY CO	NSTRUCTIO	ON PR	OJECT DA	TA	2.	DATE
	(computer generated) MAY 2021						MAY 2021	
ANG								
5. INSTALLATION AND LOCATION					4. PROJECT IIILE			
JOE FOSS FIELD, SO	DUTH	DAKOTA		F-16 N	IISSION T	RAINING	CE	NTER
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUMBER 8. PROJECT COST(\$000)				
52620F 171-212 LU.					012		\$ 9,	,800
		9. COST	ESTIMATE	S				
		ITEM			OLIANTIT	UNI COS	Г	COST
F-16 MISSION TRAINING CENTER					1 208		1	(\$000)
MISSION TRAIN	ING C	ENTER (171212)		SM	1,208	6.6	74	(8,062)
SUPPORTING FACI	LITIE	ES		21.1	1,200	0,0		575
UTILITIES				LS				(125)
PAVEMENTS				LS				(125)
SITE IMPROVEM	IENTS	5		LS				(125)
ALARMS		UDDODT						(100)
ENERGY AND SUS	JNS S TAIN	ABILITY MEASURES						(100)
SUBTOTAL	I AIIN.	ADILIT I MEASURES		LS				8.787
CONTINGENCY (59	%)							439
TOTAL CONTRACT	Г COS	Т						9,226
SUPERVISION, INS	PECT	ION AND OVERHEAD (6%)					554
TOTAL REQUEST								9,780
IUIAL REQUESI (ROUT	NDED)						9,800
10. Description of	Propo	sed Construction: Cons	truct a 4-sh	ip F-1	6 Mission	Training	Cen	ter (MTC)
facility utilizing con	ventio	onal design and construc	tion method	ds to a	ccommoda	ate the mi	ssio	n of the
facility. Facilities v	vill be	e designed as permanent	constructio	n in ac	cordance	with the]	DoD	Unified
Facilities Criteria (U	FC) 1	-200-01, General Build	ing Require	ments	and UFC	1-200-02	, Hi	gh
Performance and Su	staina	ble Building Requireme	ents. The fa	cility	should be	compatib	le w	ith
applicable DoD, Air	Force	e, and base design stand	ards. In add	lition,	local mate	erials and	con	struction
techniques shall be u	ised v	where cost effective. This	is project w	ill con	nply with]	DoD antit	terro	orism/force
protection requirement	ents p	er unified facilities criter	ria. Specia	l Cons	struction R	lequireme	ents:	Raised
flooring as required,	high	bay area for simulators,	and Secure	Comp	artmental	ized Info	rmat	ion Facility
(SCIF) specification	s and	construction in accordat	nce with IC	D/ICS	/05 is nee	cessary ic	or me	ost of the
11. REQUIREMEN	T: 1,	208 SM ADEQUATE	: 0 SM S	UBST	ANDARI	D: 0 SM		
PROJECT: Construct	ct 4-S	hip F-16 Mission Traini	ng Center (l	New N	fission)			
REQUIREMENT: 1	he in	stallation requires a facil	lity to supp	ort a n	ew 4-ship	F-16 MT	C si	mulator
capable of housing 4	simu	lator bays, training room	is, administ	rative	support ar	eas, stora	ge, a	and latrine
space, certified to IC.	D/ICS	5 /05 standards. Each si	mulator ba	y musi	be large e	enougn to		ommodate
removal operation	-degr	wiging	with surre	sient sj	pace to fac	initate ms	stanta	uion,
CURRENT SITUAT	inu se ION•	The installation is sche	duled to rec	eive n	nission tra	ining ever	tem	and the
base does not possess	$\frac{1010}{5}$ exce	ess or suitable snace to h	ed down the	e simu	lator devia	ces and co	ondu	ict
supporting training a	nd ma	aintenance activities. Th	e Mission	Frainir	ng Center	is ideally	suit	ed for
inclusion in or near t	he Sq	uadron Operations facili	ty, but that	buildi	ng is alrea	dy at cap	acity	v and
cannot accommodate	this e	enhancement. No other	facility is a	vailabl	e to appro	priately a		mmodate
this function as well.	The	function needs to be in a	close proxin	nity to	Squadron	Operatio	ons a	and the
flight line in order to	maxi	mize training value and	support eff	icient t	flight oper	ations and	d air	crew
training and manager	ment.							

1. COMPONEN	Т				2. DATE			
		FY 2022 MILITARY C	ONSTRUCTION PROJECT DA	ATA	MAY 2021			
ANG		(com	puter generated)					
3. INSTALLAT	ION A	ND LOCATION						
JOE FOSS FIEL	D, SOL	JTH DAKOTA						
5. PROJECT TIT	ΓLE			7. PROJECT NUMBER				
E 16 MISSION 7	ΓΌ Α ΓΝΤ	INC CENTED		LT.	XC189012			
IMPACT IF N	OT PF	ROVIDED: The unit would	not be able to gain maximum	n efficient	in the training			
proficiency, and mission readiness of its fighter pilots without this facility and possession of its advance								
training capabi	ility. I	Lack of realistic multi-aircra	ft, multi-platform combat tra	ining dire	ctly and severely			
reduces the mi	ssion e	effectiveness and combat rea	diness of the Wing. Personn	el would	need to perform			
temporary duty	v elsew	where in order to obtain requ	isite training, resulting in inc	reased cos	sts for travel and			
increased time	away	from the installation and oth	ner duty assignments for person	onnel. Pe	rsonnel			
utilization wou	ıld be l	highly inefficient. High value	ue, state-of-the-art equipment	t would go	o un-used			
occupy space i	n stora	ige.		U				
ADDITIONAL	L: Thi	s project meets the criteria/s	cope specified in Air Nationa	al Guard H	Handbook			
32-1084, "Fact	ility Sp	bace Standards" and is in con	mpliance with the installation	n developr	nent plan.			
Sustainable pri	inciple	s, to include Life Cycle cost	effective practices, will be in	ntegrated	into the design,			
development a	ind cor	struction of the project in a	ccordance with Executive Or	der 13693	, 10 USC			
2802(c) and ot	her ap	plicable laws and Executive	Orders. This project is const	idered cap	oitalization			
based on the fo	ollowir	ng rule from ANGETL 17-0	6: New Construction.					
CatCode			Requirement A	dequate	Substandard			
171-212 FL	LGHT	SIMULATOR TRAINING	1,208 SM	0 SM	0 SM			
MISSION TR		C CENTED (171212)	1.209 SM = 12.000 SE					
MISSION IRA	AININ	GCENTER(1/1212)	1,208 SM = 13,000 SF					

1. COMPO	NENT	FY 2022 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE					
	~	(computer generated)		MAY 2021					
AN 3. INSTAL	G LATION A	ND LOCATION							
JOE FOSS FIELD, SOUTH DAKOTA									
5. PROJECT	5. PROJECT TITLE 7. PROJECT NUMBER								
F-16 MISSION TRAINING CENTER LUXC189012									
12. SUPP	12. SUPPLEMENTAL DATA:								
a. Estim	ated Design	Data:							
(1) (2) (3) (4) (4) (4) (5)	Status: a) Date Des b) Parametric) Percent (d) Date 35% e) Date Des f) Type of I g) Energy S	sign Started ric Cost Estimates used to develop costs Complete as of Jan 21 6 Designed ign Complete Design Contract tudy/Life-Cycle analysis was/will be performed	Desigr	OCT 2018 No 50% JAN 2020 MAR 2021 I-Bid-Build No					
(3) B (a (t	asis: a) Standard b) Where D	or Definitive Design - esign Was Most Recently Used -		No					
(4) T (a (t (c) (c)	 Total Cost (c) a) Production b) All Other c) Total d) Contract e) In-House) = (a) + (b) or (d) + (e): on of Plans and Specifications r Design Costs		(\$000) 365 197 562 562 0					
(5) C	Contract Awa	ard (Month/Year)		MAR 2022					
(6) C	Construction	Start		APR 2022					
(7) C	Construction	Completion		DEC 2023					
* is	Indicates cost in the second s	ompletion of Project Definition with Parametric Cost Estimate e to traditional 35% design to ensure valid scope and cost and e	which executabili	ty.					
b. Equipn	nent associa	ted with this project will be provided from other appropriations	:	N/A					
POINT O	F CONTAC	T: NGB/A4AD							
		(240) 612-7005							

1. COMPONENT				2. DATE			
ANG	MILITARY	ARD AND RESERVE CONSTRUCTION		МА	Y 2021		
3. INSTALLATION A	AND LOCATION			4. AREA C			
Dane County	Regional-Truax Field, M	ladison, WI		1.07			
5. FREQUENCY AN	ID TYPE OF UTILIZATION						
Installation in use 24/7 365 Due to Alert Mission UTA: One per Month							
The MXG does	a SUTA each month and	has a permanent night sh	nift.				
Annual Training Days: Enlisted 12,508 Special Training Days: Enlisted 2,966 6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS							
Four Army Nati	onal Guard Center, two A	rmy Reserve Centers and	one Nava	I/Marine F	Reserve		
1 Naval/Marine	Corps Reserve Center 2	Miles					
2 Army Reserv	e Center 2 Miles/7 Miles	Wilco					
7. PROJECTS REQ	UESTED IN THIS PROGRAM						
CATEGORY			COST	DESIG	N STATUS		
CODE	PROJECT TITLE	<u>SCOPE</u>	<u>\$(000)</u>	<u>START</u>	<u>COMPLETE</u>		
171-450 Medic	al Readiness Facility	1,733 SM (18,650 SF)	13,200	Mar 19	Jan 21		
211-179 F-35:3	3-Bay Specialized Hangar	2,889 SM (31,100 SF)	31,000	Feb 19	May 21		
8. STATE RESERV The Board recomme	E FORCES FACILITIES BOARD RI ndations are: Unilateral Construction	ECOMMENDATION on Approved		9/1/2019			
				(Date)			
9. LAND ACQUISIT	ION REQUIRED			0	_		
			(Nur	mber of Acres	5)		
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS				COST		
	PROJECT TITLE		<u>SCOP</u>	<u>'E</u>	<u>\$(000)</u>		

1. COMPONENT						2. DA	2. DATE MAY 2021	
ANG	MILITARY CONSTRUCTION				MA			
3. INSTALLATION A	AND LOCATION					I		
Dane County	Regional-Trua	ax Field, M	adison, W	I				
11. PERSONNEL S	TRENGTH AS OF 06	6-Oct-20						
		PERMA	NENT		GUARD	/RESERVE	E	
	<u>TOTAL</u>	OFFICER	ENLISTED	<u>CIVILIAN</u>	TOTAL (<u> DFFICER</u>	<u>ENLISTED</u>	
AUTHORIZED	518	53	358	107	1115	139	976	
ACTUAL	500	50	359	91	1120	156	964	
12. RESERVE UNIT	DATA							
UNIT DES	IGNATION				AUTHORIZED	STRENGT	ACTUAL	
115	AMXS				227		202	
115	CES				54		50	
115	CF				37		35	
115	CPTF				12		13	
115	DET				47		59	
115	FSS				65		66	
115	FW				50		59	
115	LRS				82		79	
115	MDG				53		55	
115	MOF				23		17	
115	MSG				16		13	
115	MXG				27		25	
115	MXS				261		209	
115	OG				13		12	
115	055				39		39	
115	SES				74		68	
115	STUFLT				3		92	
115	FS				37		27	
378	FS				65		52	
ANG	STHO				36		45	
ANG	51110	Tota	als		1216		1217	
13. MAJOR EQUIPM	MENT AND AIRCRA	FT						
	<u>TYPE</u>				AUTHORIZED		ACTUAL	
F-16					18		26	
RC-26					1		1	
	ment				135		115 271	
					200		271	

1. COMPONENT		FY 2022 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TA	2.	DATE
	(computer generated) MAY 2021				MAY 2021			
ANG 3. INSTALLATION	AND	LOCATION		4.]	PROJECT	TITLE		
DANE COUNTY RE	GION	AL-TRUAX FIELD, WIS	CONSIN	MEDI	CAL REAL	DINESS F	ACI	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CI NUMBER 8. PROJECT COST(\$000)				
52635F 171-450 X				FG1390	001		\$13	,200
9. COST ESTIMAT				ES				
						UNI	Г	COST
	FOOT	ITEM		U/M	QUANTIT	Y COS	Г	(\$000)
MEDICAL READIN	ESS F	ACILITY		SM	1,733	5 7	/01	9,519
MEDICAL STOR	ΔGE (442758)		SM	316	3,7 4 1	91 55	(0,200)
SUPPORTING FAC	ILITIF	S		5111	510	7,1	55	2.361
UTILITIES		~		LS				(432)
COMMUNICATIO	ONS S	UPPORT		LS				(203)
PAVEMENTS				LS				(254)
SITE IMPROVEM	1ENTS	5		LS				(457)
ENVIRONMENT	AL RE	ESTORATION		LS				<u>(1,015)</u>
SUBTOTAL								11,880
TOTAL CONTRACT	%) T COS	T						$\frac{594}{12.474}$
SUPERVISION INS	PECT	TION AND OVERHEAD (6%)					12,474 748
TOTAL REOUEST	LUI		070)					$\frac{710}{13,222}$
TOTAL REQUEST (ROUN	NDED)						13,200
		,						,
10. Description of	Propo	sed Construction: Cons	truct a mee	lical re	adiness fac	cility utili	zing	ŗ,
conventional design	and c	construction methods to a	accommod	ate the	mission o	f the facil	ity.	Facilities
will be designed as p	perma	nent construction in acc	ordance wi	th the	DoD Unifi	ed Facilit	ies (Criteria
(UFC) 1-200-01, Ge	eneral	Building Requirements	and UFC 1	-200-0	2, High Po	erformanc	e an	nd
Sustainable Building	g Req	uirements. The facility s	hould be c	ompati	ble with ap	pplicable	DoE	D, Air Force,
and base design stan	dards	. In addition, local mater	rials and co	onstruc	tion techni	iques shal	l be	used where
cost effective. This p	projec	t will comply with DoD	antiterrori	sm/fore	ce protecti	on requir	emei	nts per
unified facilities crit	eria.	Demolish Buildings 307	and 311.					
Air Conditioning: 1:	58 KV	V						
11. REQUIREME	NT: 1	,733 SM ADEQUAT	E: 0 SM	SUBS	TANDAR	D: 1,216	SM	
PROJECT: Medica	al Rea	diness Facility (Current	Mission)					
<u>REQUIREMENT</u> :	The	115 Fighter Wing (FW)	requires an	adequ	ately sized	and appi	opri	ately
configured facilities	s to su	ipport its assigned training	ng mission	and m	obilized a	ctivities to	r_1	3 PAA F-16
aircraft at Truax Fie	eld, M	ladison, Wisconsin. Thi	s project w	ull con	struct a ne	w combin	ied r	nedical
training and Expedi	itiona:	ry Medical Support - Co	nsequence	Manag	gement (El	MEDS-CI	M) f	acility with
required spaces for	medic	cal administration, traini	ng function	ns and	warenousi	ng requir	emei	nts. Project
	mg 5.	I I and building 507.			antly a a ar		1	Duilding
$\frac{\text{CURRENT SITUA}}{500,502,510,\text{and}}$	511	high ang un denging d gub	roup (MDC	J) Curro	entry occu	pies areas		buildings
Juo, Juo, Juo, Jiu, allu	500, 503, 510, and 511 which are undersized, substandard and do not meet current functional standards.					uary difficult		
Existing space (pati	iont ro	ome laboratory admini	istrative an	d stora	respace	$\frac{1111}{1}$ A la	ws v	d and does
not allow the Medi	cal Gr	oun staff to receive and	see natient	a stora	ently Th	addition	oft	he EMEDS_
CM mission in 201		corporated existing space of	leficiencies	The	115 MDG	has less	than	70% of its
authorized space	Che co	ombination of space defi	ciencies an	nd desn	erate facili	ities is de	crea	sing the
MDG's ability to m	neet m	ission needs. maintain v	ving readin	ess. an	d ensure fl	he health	of th	e Fighter
Wing.	11			, un			•4	0
C C								

				1				
1. COMPONENT				2. DATE				
	FY 2022 MILITARY	CONSTRUCTION PROJECT D	ATA	MAY 2021				
ANG 2 INSTALLATION A	(CO	mputer generated)						
3. INSTALLATION A	ND LUCATION							
DANE COUNTY REGIONAL-TRUAX FIELD WISCONSIN								
5 PROJECT TITLE		500115111	7 PROI	ECT NUMBER				
MEDICAL READINESS FACILITY XGFG139001								
IMPACT IF NOT PROVIDED: Medical training and administration will continue to operate								
inefficiently in tight.	improperly configured and	l geographically separated spa	aces. The	EMEDS-CM				
mission will continue	e to struggle with integrating	ig their scheduling and training	g requirer	nents with those				
of the Medical Groun	b. Acute appointment and	scheduling conflicts will cont	inue due te	o the need for				
proper patient exami	nation rooms, adequate me	dical administrative and train	ing areas.	Difficulties				
complying with patie	ent privacy and Health Insu	rance Portability and Accoun	tability Ac	t (HIPPA) laws				
due to inadequate ad	ministrative areas will cont	inue to be very difficult. The	inefficien	t scheduling and				
seeing of patients wi	Il continue to keep 115 FW	members from their respective	ve units ar	id away from				
their required trainin	g activities for longer perio	ods of time. Medical staff wil	l continue	to be impeded				
by space constraints.	privacy concerns and havi	ng to wait for work space and	patient ro	oms to open				
before continuing wi	th scheduled exams. ADD	TIONAL: This project meets	the criter	ia/scope				
specified in Air Natio	onal Guard Handbook	<u> </u>						
32-1084. "Facility St	pace Standards" and is in c	ompliance with the installation	n developi	ment plan. An				
economic analysis ha	as been prepared comparing	the alternatives of new cons	truction re	evitalization				
leasing and status ou	o operation Based on the	net present values and benefit	s of the re	spective				
alternatives new cor	estruction was found to be t	the cost efficient over the life	of the proj	iect				
Antiterrorism/Force	Protection requirements ha	ve been considered in the dev	elonment	of this project				
This facility can be u	sed by other components of	ve been considered in the dev	vever the	scope of the				
project is based on A	ir National Guard requiren	pents Sustainable principles	to include	Life Cycle cost				
offective prestiese, y	ill ha integrated into the d	sign development and const	notion of	the project in				
effective practices, w	outive Order 12602 10 US	C 2802(a) and other applicable		d Executive				
Orders This project	is considered conitalization	he has a the following rule	from ANC					
New Construction	Is considered capitalization	h based on the following rule	Ifom ANC	JETL T/-00:				
New Construction.	inis project will allow for t	ne demonition of buildings 30	/ and 311	(0/2 SM)				
7,238 SF).								
CatCada		D - minere ent	A					
		Requirement A	Adequate					
1/1-450 RESERV	E COMPONENT MEDIC	ALIRNG 1,41/SM	0 SM	1,216 SM				
442-758 BASE S	UPPLY & EQUIPMENT	WHSE 316 SM	0 SM	0 SM				
		1 417 014 15 050 05						
RESERVE FORCES	MEDICAL (171450)	1,41/SM = 15,250SF						
MEDICAL STORAG	JE (442758)	316 SM = 3,400 SF						

1. COMPONENT	FY 2022 MILITARY CONSTRUCTION PROJECT DA	TA	2. DATE					
	(computer generated)		MAY 2021					
3. INSTALLATION A	ND LOCATION							
DANE COUNTY REGIONAL-TRUAX FIELD, WISCONSIN								
5. PROJECT TITLE 7. PROJECT NUMBER								
MEDICAL READINESS FACILITY XGFG139001								
12. SUPPLEMENTAL DATA:								
a. Estimated Design Data:								
 (1) Status: (a) Date Det (b) Parametri (c) Percent (0) * (d) Date 35% (e) Date Des (f) Type of I (g) Energy S 	sign Started ric Cost Estimates used to develop costs Complete as of Jan 2021 % Designed sign Complete Design Contract Study/Life-Cycle analysis was/will be performed	N Design-	AR 2019 No 100% FEB 2020 JAN 2021 Bid-Build YES					
(2) Basis:(a) Standard(b) Where D	l or Definitive Design - Design Was Most Recently Used -		No					
 (3) Total Cost (c) (a) Production (b) All Other (c) Total (d) Contract (e) In-House) = (a) + (b) or (d) + (e): on of Plans and Specifications or Design Costs		(\$000) 30 2,206 2,236 2,236 0					
(4) Contract Awa	ard (Month/Year)]	DEC 2022					
(5) Construction	Start		APR 2023					
(6) Construction	Completion		JUN 2023					
* Indicates comparables and the second secon	ompletion of Project Definition with Parametric Cost Estimate e to traditional 35% design to ensure valid scope and cost and e	which executability	у.					
b. Equipment associa	ted with this project will be provided from other appropriations	3:	N/A					
POINT OF CONTAC	CT: NGB/A4AD (240) 612-7005							

1. COMPONENT		FY 2022 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	TA	2.	DATE
		(comp	uter generat	ed)	0			MAX 2024
ANG							MAY 2021	
3. INSTALLATION AND LOCATION					4. PROJECT TITLE			
DANE COUNTY REGIONAL-TRUAX FIELD, WISCONSIN				<u>F-35:</u>	3-BAY SPE	CIALIZE	ED H	ANGAR
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUI	MBER	8. PROJ	ECT	COST(\$000)
52635E		211_170	YG	FG180(002		\$21	000
32033F 211-1/9 AOI				101090	002		φ 3 Ι	,000
		9. COST	ESTIMATI	£S		IDU	—	COST
ITEM					OUNTIT		Т т	COST (\$000)
			SM	2 880		1	(\$000)	
FUEL CELL (2111	79)	INOAK		SM	2,889	7.8	804	(6524)
WASHRACK (211	159)			SM	1.124	7,8	304	(8,772)
WEAPONS LOAD	TRA	INER (171875)		SM	929	7,8	304	(7,250)
SUPPORTING FACI	LITIE	S				,		5,203
DEMOLISH B414				SM	1,846	6	546	(1,193)
UTILITIES				LS				(500)
FIRE PROTECTIC)N	_		LS				(1,500)
SITE IMPROVEM	ENTS			LS				(400)
PAVEMEN IS COMMUNICATIO	MC							(500)
ENVIRONMENT A	AL RE	STORATION						(110)
SUSTAINABILITY AND ENERGY MEASURES			LS				375	
SUBTOTAL								28,124
CONTINGENCY (5%)							1,406	
TOTAL CONTRACT COST							29,530	
SUPERVISION, INS	PECT	ION AND OVERHEAD (6%)					1,772
TOTAL REQUEST	DOID							31,302
IOTAL REQUEST (.	ROUP	NDED)						31,000
10 Description of I	Drono	sed Construction: Cons	truct 3-Bay	/ Speci	alized Har	ngar to in	clud	e havs for
fuel cell maintenance	e enc	losed wash rack and w	eanons load	l crew	training ut	ilizing co	nve	ntional
design and construct	ion m	ethods to accommodate	the missio	n of th	e facility	Facilities	s wil	l be
designed as permane	ent co	nstruction in accordance	with the T	$D O U_1$	o fueinty. nified Faci	lities Crit	teria	(UFC)
1-200-01 General B	nildir	g Requirements and UF	FC 1-200-0	2 Hiol	n Performa	ince and S	Sust	ainable
Building Requirement	nts. T	he facility should be con	mpatible w	ith app	licable Do	D. Air Fo	orce.	and base
design standards. In	additi	on. local materials and	constructio	n techr	niques shal	ll be used	whe	ere cost
effective. This project	et will	l comply with DoD anti	terrorism/fe	orce pr	otection re	eauiremer	nts p	er unified
facilities criteria. Spe	ecial (Construction Requireme	ents include	instal	ing all req	uired pov	wer	and HVAC
to accommodate F-3	5 ope	rations (overhead infrar	ed radiant l	ieat an	d ducting/	power pa	nels	for
equipment to provide	e cool	ling air/power for aircra	ft). Install	fire pro	otection, fa	all protect	tion,	and
lightning protection	syster	ns adequate for F-35 op	erations. F	acility	will be a t	three-bay	fuel	l cell/wash
rack/weapons load tr	ainer	. Demolish Building 41	4. Constru	ction r	hasing sha	all enable	e con	tinued
maintenance of assig	ned a	ircraft.		1	C			
Air Conditioning: 17	'5 KW	V.						
11. REQUIREMEN	VT: 2	2,889 SM ADEQUAT	E: 0 SM	SUBS	TANDAR	D: 2,973	S SM	[
PROJECT: F-35 3-	Bay S	Specialized Hangar (New	w Mission)					
REQUIREMENT:	The 1	15th Fighter Wing (FW) has been	selecte	d as the pr	referred le	ocat	ion for
conversion to the F-	35.]	The F-35 mission at Tru	ax requires	a new	Fuel Cell/	'Wash Ra	ick/V	Weapons
Load Trainer to acc	ommø	odate the aircraft. All F	-35 indoor	spaces	(parking s	spaces) re	equir	re access to
power (270 VDC po	ower v	with the 28 VDC interlo	ck), provis	ion of	power pan	els (for e	quip	oment to
provide cooling air	for ai	rcraft avionics), overhea	d infrared/	radiant	heating, f	ire protec	ction	i, and
lightning protection in accordance with applicable regulations and codes.								

1. COMPON	ENT					2. DATE					
		FY 2022 MILITARY	CONSTRU	CTION PROJECT DA	ATA	MAY 2021					
ANG	ATION		computer gen	erated)							
5. INSTALLATION AND LOCATION											
DANE COUNTY REGIONAL-TRUAX FIELD, WISCONSIN											
5. PROJECT	7. PROJ	ECT NUMBER									
F-35: 3-BAY	SPECIAL	IZED HANGAR	11 1	• • 11		GFG189002					
CURRENT	<u>CURRENT SITUATION</u> : The existing fuel cell and corrosion control hangar (Building 414) cannot										
used for we	support r anons loa	-55 operations due to its o	d for other	functions to support	II. EXISUI the new r	ng spaces being					
Current faci	ilities can	not support F-35 mainten	ance onera	tional and training i	requireme	nts					
IMPACT IF	F NOT PH	ROVIDED: Unable to ad	equately ma	aintain F-35 aircraft	and train	mission crews.					
Mission ess	ential tra	ining and certifications ca	annot be doi	ne at Truax. No wor	karounds	are available to					
provide a pi	roperly co	onfigured maintenance sp	ace at the ir	nstallation. Accept r	isk to F-3	5 beddown due					
to inadequa	te faciliti	es.		-							
ADDITION	I <u>AL</u> : Thi	s project meets the criteri	ia/scope spe	cified in Air Nationa	al Guard I	Handbook					
32-1084, "F	Facility Sp	pace Standards" and is in	compliance	with the installation	n developr	nent plan.					
Antiterroris	m/Force	Protection requirements h	ave been co	onsidered in the deve	elopment	of this project.					
This facility	$7 \operatorname{can} \operatorname{be} u$	ised by other components	on an "as a	vailable" basis; how	ever, the	scope of the					
project is ba	ased on A	ir National Guard require	ements. Sus	stainable principles,	to include	Life Cycle cost					
effective pr	with Evo	outive Order 12602 10 U		and other applicabl		d Executive					
Orders Th	is project	is considered capitalizati	on based or	the following rule f	From ANC	$FTI 17_06$					
New Constr	ns project	The following buildings w	vill be demo	lished as a result of	this proje	$et \cdot 414 (1.846)$					
SM / 19.87.	5)	the following buildings v		nished us a result of	uns proje						
	,										
CatCode				Requirement A	dequate	Substandard					
171-875	MUNIT	IONS LOAD CREW TRA	AINING	929 SM	0 SM	1,127 SM					
211-159	AIRCRA	AFT CORROSION CON		1,124 SM	0 SM	/11 SM					
211-179	FUEL S	YSIEM MAINIENANC	E DOCK	836 SM	0 SM	1,136 SM					
FUEL CEL	L (21117	9)	836	SM = 9000SF							
WASHRAG	CK (2111)	59)	1.124 S	M = 12,100 SF							
WEAPONS	LOAD	(171875)	929 S	M = 10,000 SF							
		()		,							

1. COMP	1. COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA 2. DATE								
(computer generated) MAY 2									
3. INSTALLATION AND LOCATION									
DANE COUNTY REGIONAL-TRUAX FIELD, WISCONSIN									
5. PROJECT TITLE 7. PROJECT NUMBER									
F-35: 3-BA	AY SPECIAL	IZED HANGAR	XG	FG189002					
12. SUI	PPLEMENTA	L DATA:							
a. Esti	mated Design	Data:							
(1)	Status:								
(1)	(a) Date De	sign Started		FEB 2019					
	(b) Parametr	ic Cost Estimates used to develop costs		No					
	(c) Percent (Complete as of Jan 2021		65%					
*	(d) Date 35%	6 Designed		JUL 2020					
	(e) Date Des	sign Complete	ļ	MAY 2021					
	(f) Type of I	Design Contract	Design	-Bid-Build					
	(g) Energy S	Study/Life-Cycle analysis was/will be performed	C	No					
(2)	Basis:								
	(a) Standard	or Definitive Design -		No					
	(b) Where D	esign Was Most Recently Used -							
(3)	Total Cost (c	(a) = (a) + (b) or (d) + (e):		(\$000)					
	(a) Production	on of Plans and Specifications		1,364					
	(b) All Othe	r Design Costs		753					
	(c) Total	-		2,117					
	(d) Contract			2,117					
	(e) In-House			0					
(4)	Contract Awa	ard (Month/Year)		DEC 2022					
(5)	Construction	Start		JAN 2022					
(6)	Construction	Completion		JUN 2023					
	* Indicates construction * Indicates construct	ompletion of Project Definition with Parametric Cost Estimate v e to traditional 35% design to ensure valid scope and cost and ex	vhich xecutabili	ty.					
b. Equi	pment associa	ted with this project will be provided from other appropriations:		N/A					
POINT	OF CONTAC	T:NGB/A4AD							
		(240) 612-7005							

1. COMPONENT				2. DATE			
ANG	ANG MILITARY CONSTRUCTION						
3. INSTALLATION A	AND LOCATION			4. AREA C			
Cheyenne Re	gional Airport, Cheyenne, V	WY		1.01			
5. FREQUENCY AN	ID TYPE OF UTILIZATION						
Two unit trainin by technician/A	g assemblies per month; 15 GR/Title 5 civilians; and for t	annual training days p raining.	er person p	ber year; c	laily use		
6. OTHER ACTIVE/	GUARD/RESERVE INSTALLATIONS W	/ITHIN 15 MILES RADIUS					
One AFB , one Team.	Army National Guard Armory	y , one Naval Reserve	e Center, an	id one Civ	il Support		
7. PROJECTS REQ	UESTED IN THIS PROGRAM						
CATEGORY <u>CODE</u>	PROJECT TITLE	<u>SCOPE</u>	COST <u>\$(000)</u>	<u>DESIGI</u> START	<u>N STATUS</u> COMPLETE		
214-425 Combi Comp	ined Vehicle Maintenance & ASE lex	2,815 SM (30,300 SF)	13,400	Mar 19	Jan 22		
8. STATE RESERVI The Board recomme	E FORCES FACILITIES BOARD RECO ndations are: Unilateral Construction Ap	MMENDATION		<u>3/19/2018</u>			
				(Build)			
9. LAND ACQUISIT	ION REQUIRED		(Nu	0 mber of Acres	3)		
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS				COST		
	PROJECT TITLE		<u>SCOF</u>	<u>PE</u>	<u>\$(000)</u>		

1. COMPONENT						2. D/	2. DATE	
ANG	MILITARY CONSTRUCTION						AY 2021	
3. INSTALLATION A	ND LOCATION							
Cheyenne Reg	jional Airport,	Cheyenne	e, WY					
11. PERSONNEL ST	RENGTH AS OF 06	6-Oct-20						
		PERMA	NENT		GUARI	D/RESERV	E	
	TOTAL	OFFICER	<u>ENLISTED</u>	<u>CIVILIAN</u>	TOTAL	OFFICER	ENLISTED	
AUTHORIZED	532	63	455	14	1249	198	1051	
ACTUAL	472	50	408	14	1200	189	1011	
12. RESERVE UNIT	DATA							
UNIT DESIG	<u>GNATION</u>				AUTHORIZED	STRENGT	<u>ACTUAL</u>	
153	AMXS				60		54	
153	AW				45		45	
153	CACS				202		172	
153	CES				98		86	
153	CF				36		34	
153	CPTF				12		11	
153	FSS				57		52	
153	LRS				122		110	
153	MDG				64		66	
153	MOF				22		14	
153	MSG				13		12	
153	MXG				18		15	
153	MXS				152		116	
152	06				12		12	
153	00				13		12	
153	033				47		47	
153	SES				74		08	
153	STHU				34		32	
153	STUFLI				3		5	
187	AES				94		83	
187	AS				94		83	
243	ATCS				86		72	
		Tota	als		1346		1189	
13. MAJOR EQUIPM	ENT AND AIRCRAF	T						
T	YPE				AUTHORIZED		ACTUAL	
C-130H					8		8	
Vehicles					119		119	
Vehicle Equ	ivalents				345		345	
ASE Equipr	nent				272		254	

1. COMPONENT		FY 2022 MILITARY CO	NSTRUCTI	ON PR	OJECT DA	ТА	2.	DATE	
(computer generated) MAY 2021						MAY 2021			
ANG			t						
3. INSTALLATION AND LOCATION					4. PROJECT TITLE				
CUEVENNE DECION	AT	AIDDODT WYOMING		COMBINED VEHICLE MAINTENANCE &					
5 PROGRAM ELEME	AL I	6 CATEGORY CODE	7 PROJEC	T NI IN	/BER		FCT	COST(\$000)	
J. I KOOKAWI ELEWIE	111	0. CATEGORT CODE	7. I KOJEC	INUP	IDEK	6. I KOJI		COST(\$000)	
52276F		214-425	DPE	EZ0190	00		\$13	,400	
		9 COST	ESTIMATE	S					
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Lornontil			UNI	Г	COST	
ITEM				U/M	QUANTIT	Y COS	T	(\$000)	
VEHICLE MAINTEN	ANC	E/AGE FACILITY		SM	2,815			10,112	
VEHICLE MAINTE	ENA	NCE SHOP (214425)		SM	502	4,3	606	(2,162)	
VEHICLE MAINTE	ENA	NCE ADMIN (610121)		SM	177	4,3	606	(762)	
REFUELING MAIN	VTEN	NANCE SHOP (214467)		SM	139	4,3	606	(599)	
VEHICLE OPS HEA		D PARKING (214426)		SM	260	3,4	98	(909)	
AIRCRAFT SUPPO	RT F	EOUIP (218712)		SM	994 994	1,0	04 06	(1,400)	
SUPPORTING FACIL	ITIE	S		LS	774	т,-	000	1.704	
PAVEMENTS				LS				(450)	
UTILITIES				LS				(423)	
SITE IMPROVEME	ENTS			LS				(300)	
COMMUNICATION	N SU	PPORT		LS	1 504			$\begin{pmatrix} 121 \end{pmatrix}$	
DEMOLITION SUSTAINADILITY A	ו תוא	ENIED CV MEASUDES		SM	1,524	4	.69	(410)	
SUBTOTAL		ENERGI MEASURES		LS				12046	
CONTINGENCY (5%))							602	
TOTAL CONTRACT	COS	Т						12,648	
SUPERVISION, INSP	ECT	ION AND OVERHEAD (6%)					759	
TOTAL REQUEST								13,407	
TOTAL REQUEST (R	OUN	NDED)						13,400	
10 Description of D		and Constructions Cons	truat a aam	hinad	uahiala mu	intonono	0.01	d Airoraft	
Support Equipment (A SE)	facility utilizing conve	ntional desi	on and	l construct	tion meth	e an	to	
accommodate the mis	sion	of the facility Facility	es will be d	gii ain esime	d as perm	anent con	ous	ction in	
accordance with the I		Unified Facilities Criter	ia (LIFC) 1.	-200-0	1 General	l Ruilding	suu Rei	uirements	
and UFC 1-200-02. H	igh 1	Performance and Sustai	nable Build	ing Re	auirement	ts. The fa	, nei	v should be	
compatible with appli	cabl	e DoD. Air Force, and b	ase design	standa	rds. In ad	dition. lo	cal r	naterials and	
construction technique	es sh	all be used where cost e	effective. T	his pro	oject will d	comply w	ith I	DoD	
antiterrorism/force pro	otect	ion requirements per un	ified facilit	ies crit	teria.	1 2			
Air Conditioning: 263	3 KW	Λ.							
11. REQUIREMEN	T: 2	,815 SM ADEQUAT	E: 0 SM	SUBS	TANDAR	D: 2,635	SM	PROJECT:	
Combined Vehicle M	laint	enance and Aircraft Sup	port Equip	ment (Complex				
(Current Mission)									
REQUIREMENT: T	The 1	53th Airlift Wing (AW)) requires a	safe, e	efficient, a	nd propei	ly c	onfigured	
facilities to support v	vehic	le and Aircraft Support	Equipment	(ASE)	maintena	nce in su	ppor	t of its 8 PAA	
C-130 airlift mission. The facilities shall take advantage of the similarity in function to incorporate					corporate				
efficiencies between	efficiencies between the two requirements. Where possible, the facilities shall combine like functions						ke functions		
such as administrative, shop, and mechanical areas into combined spaces.									
CURRENT SITUAT	ION	: The 153 AW facilitie	s that suppo	ort veh	icle and A	SE maint	enar	nce are wholly	
inadequate for their p	purpo	ose. Vehicle maintenan	ce facilities	are ov	er betwee	n 45 and	50 y	rears old and	
nave excessive maint	tenar	nce costs. All building of	components	withii	n the facility	ues (HV)	AC,	electrical,	
the current maintenant	ac) a	re at the end of their use	The addit	ion of	the $242\pi^{-1}$		re u	hatrol	
Squadron has dreating	nce r	equirements of the wing	z. The addit		u = 243 r d	AIT I TAII		ulted in a	
Squauron has drastic	ally	mereased the number of	venicies as	signe	i io ine da	se and na	s res	sulted III a	

1. COMPONENT				2. DATE					
	FY 2022 MILITARY CONSTRUCTION PROJECT DATA								
ANG	(com	outer generated)		MAY 2021					
3. INSTALLATION A	ND LOCATION								
CHEVENNE DECIONAL AIDDODT WAVONING									
CHEYENNE REGION	AL AIRPORT, WYOMING								
5. PROJECT IIILE	ECT NUMBER								
COMBINED VEHICLE MAINTENANCE & ASE COMPLEX DPEZ019000									
severe space deficit.	The facilities available do no	ot provide adequate space for	r day-to-d	ay operations or					
wartime training requ	uirements. Bays are too shor	t and narrow to accommodat	e the larg	er vehicles that					
are now assigned. M	laintenance activities must be	e performed, at times, outside	e in what	is sometimes					
inclement weather, e	xtremely high winds or subze	ero temperatures. The admir	nistrative	areas are small					
and poorly configure	d, have inadequate ventilatio	n, and no accommodations f	or female	members. The					
ASE facility is in a s	imilar condition; it is 40 year	s old, undersized, with failin	g building	g components.					
Plumbing, exterior d	oors, and the roof are all faili	ng. Additionally, the mainte	enance bay	ys are poorly					
configured and too si	mall to support equipment te	sting, driving numerous worl	karounds.	Moreover, the					
facility is sited too cl	ose to the installation bound	ary fence and a major 4-lane	road whi	ch puts the					
mechanics who work	ad travel distances and delay	iny, the ASE facility is shed	away Iroi	n the Highline					
IMPACT IF NOT PI	OVIDED: Vehicle and ASI	s. E-maintenance functions will	continue	to operate in					
substandard undersi	<u>zed</u> and dilanidated facilities	Vehicles and equipment w	vill continu	ue to deteriorate					
due to a lack of main	tenance driven by inadequate	e facilities. The substandard	facilities	will continue to					
deteriorate, escalatin	g poor readiness, working co	nditions and increased risk to	b personn	el and aircraft.					
resulting in negative	mission impact and day-to-d	ay preparation for AEF taski	ngs.	,					
ADDITIONAL: Thi	s project meets the criteria/so	cope specified in Air Nationa	ıl Guard H	Iandbook					
32-1084, "Facility Sp	pace Standards" and is in con	npliance with the installation	developr	nent plan. The					
following buildings v	will be demolished as a result	t of this project: 21 (372 SM	/ 4,000 S	F), 23 (564 SM /					
6,064 SF), and 24 (5	88 SM / 6,336 SF) for a total	of 1,524 SM (16,400 SF). S	Sustainabl	e principles, to					
include Life Cycle co	ost effective practices, will be	e integrated into the design, o	levelopm	ent and					
construction of the p	roject in accordance with Exe	ecutive Order 13693, 10 USC	C 2802(c)	and other					
applicable laws and I	Executive Orders. The new f	acility number will be 42, ar	Ind the RP $2ET + 17$	UID 1s 1298601.					
This project is consid	lered capitalization based on	the following rule from ANO	JEIL I/-	.06:					
New Construction.									
CatCode		Requirement A	dequate	Substandard					
214-425 VEHICI	LE MAINTENANCE SHOP	502 SM	0 SM	326 SM					
214-426 VEHICI	LE OPERATIONS HEATED	PRKN 260 SM	0 SM	260 SM					
214-428 VEHICI	LE OPERATIONS PARKING	G SHE 743 SM	0 SM	712 SM					
214-467 REFUEI	LING VEHICLE SHOP	139 SM	0 SM	93 SM					
218-712 AIRCRA	AFT SUPPORT EQUIPMEN	T (ASE) 994 SM	0 SM	1,007 SM					
610-121 VEHICI	LE OPERATIONS ADMIN	177 SM	0 SM	238 SM					
VEHICLE MAINTE	NANCE SHOP (214425)	502 SM = 5,400 SF							
VEHICLE MAINTE	NANCE ADMIN (610121)	1 / / SM = 1,900 SF							
KEFUELING MAIN	(1ENANCE SHOP (214467))	139 SM = 1,500 SF							
VEHICLE OPS HEA	$\frac{120}{214420}$	200 SIVI - 2,000 SF 743 SM - 8 000 SF							
AIRCRAFT SUPPO	$\frac{11100}{\text{RT FOUIP}(218712)}$	$994 \text{ SM} = 10\ 700 \text{ SF}$							
DEMOLITION	KI LYON (210/12)	1.524 SM = 16400 SF							
		-, 20,100 01							
1									

1. COMP	1. COMPONENTFY 2022 MILITARY CONSTRUCTION PROJECT DATA2. DATE								
(computer generated) MAY 202									
A 3. INSTA	3. INSTALLATION AND LOCATION								
CHEYENNE REGIONAL AIRPORT. WYOMING									
5. PROJECT TITLE 7. PROJECT NUMBER									
COMBINED VEHICLE MAINTENANCE & ASE COMPLEX DPEZ019000									
12. SU	PPLEMENTA	AL DATA:							
a. Est	imated Design	n Data:							
(1)	Status: (a) Date De (b) Paramet (c) Percent (c) (d) Date 35% (e) Date Des (f) Type of 1 (g) Energy S	sign Started ric Cost Estimates used to develop costs Complete as of Jan 2021 6 Designed sign Complete Design Contract Study/Life-Cycle analysis was/will be performed	Desigr	MAR 2019 No 35% SEP 2020 JAN 2022 a-Bid-Build No					
(3)	Basis: (a) Standard (b) Where D	l or Definitive Design - Design Was Most Recently Used -		NO N/A					
(4)	Total Cost (c (a) Production (b) All Other (c) Total (d) Contract (e) In-House) = (a) + (b) or (d) + (e): on of Plans and Specifications r Design Costs		(\$000) 324 162 486 486					
(5)	Contract Awa	ard (Month/Year)		FEB 2022					
(6)	Construction	Start		MAR 2022					
(7)	Construction	Completion		JUN 2023					
	* Indicates constraints comparable	ompletion of Project Definition with Parametric Cost Estimate w e to traditional 35% design to ensure valid scope and cost and ex	hich ecutabili	ty.					
b. Equi	pment associa	ted with this project will be provided from other appropriations:		N/A					
DODIT									
POINT	OF CONTAC	(240) 612-7005							

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DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2022

APPROPRIATION:MILITARY CONSTRUCTIONAIR NATIONALPROGRAM 313:GUARD PLANNING AND DESIGN\$18,402,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for project planning and design of the construction requirements for the Air National Guard

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Planning and Design will provide for establishing project construction design of the facilities and for fully evaluating each designed project in terms of technical adequacy and estimated costs.

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1. COMPONENT	COMPONENT FY 2022 MILITARY CONSTRUCTION PROJECT DATA 2					2. DATE			
ANG		(comput	ter generated)				MAY 2021		
3. INSTALLATION AND LOCATION 4. PROJECT TITLE									
VARIOUS LOCATIO	ONS		PI AN	NING AN	D DE9	SIGN			
5. PROGRAM ELEN	6. CATEGORY CODE	7. PROJECT NU	MBER	8.1	PROJE	CT COST (\$000)			
52276F		061 000	PAYZ220	005		18 402			
522701		961-000 9. COST	ESTIMATES	505			10,402		
		ITEM	11/14			UNIT	COST (\$000)		
PLANNING AND I	DESIC	ПЕМ ЗN (Р-313)		QUANTI		COST	18.402		
SUBTOTAL							18,402		
TOTAL CONTRAC	CT CO	ST					18,402		
TOTAL REQUEST							18,402		
10. Description of	f Prop	osed Construction: The	funds requested	will prov	vide f	or the a	architectural and		
engineering servic	es neo	cessary to fully evaluate	each project's te	chnical a	dequa	icy and	l estimated cost,		
and complete final	l desig	in of facilities. In addition	n, the funds are	required	to pre	pare w	Vorking drawings,		
National Guard (A	NG)	Military Construction (N	III CON) Progr	projects i ams	.0 00 1	menuae			
			in Leon () Hogh	anns.					
11. REQUIREME	NT:	As Required							
PROJECT: Plann	ing ar	nd Design							
REQUIREMENT:	The	ANG requires planning	and design fund	s for proj	ects t	hat are	to be included		
in future MILCON	v prog	rams. The FY 2022 desi	ign funds are ne	eded to c	omple	ete the	design for those		
projects that are to	be in $1 \cdot 1$	cluded in the FY 2022 N $(1 - FY)^{2022}$	IILCON progra	m and to $\frac{1}{2}$	begin	the de	sign for those		
projects to be inclu	ided 1	n the FY 2023 program.	Funds also pro	vide for d	lesign	of the	FY 2022		
CURPENT SITU		ruction program.	a dagian manar	in EV 20	122 + 2		a the design		
milestones for the		022 and EV 2023 MIL C	N Programs	mondat	$\frac{1}{2}$	Dopor	tment of Defense		
(DOD) Instruction	ГІ 2 1225	$\frac{1}{2}$ and $\frac{1}{1}$ $\frac{1}{2}$	JN Flograms, a	s manuale	eu by	Depai	unent of Defense		
(DOD) Instruction	DRO	VIDED: The ANG will	not he shle to et	factively	admi	nistorf	future veor		
MILCON program	ns In	sufficient design funds w	vill translate into	late desi	aunn	mnleti	ion later		
construction starts	high	er construction costs, and	d the inability to	meet Do	D and	d Cons	ressionally		
mandated execution	on rate	es, and degrade the opera	tional mission a	nd trainir	ig by	the de	lavs in		
construction comp	letion	l.			-8 -)				

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DEPARTMENT OF THE AIR FORCE AIR NATIONAL GUARD

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2022

APPROPRIATION:MILITARY CONSTRUCTIONAIR NATIONAL GUARDPROGRAM 341:UNSPECIFIED MINOR CONSTRUCTION\$29,068,000

PART I -- PURPOSE AND SCOPE

The funds estimated in this program are to provide financing for new construction and alteration projects having cost estimates over \$2,000,000 but not exceeding \$6,000,000, adjusted by area cost factor, which are not otherwise authorized by law.

PART II -- JUSTIFICATION OF FUNDS REQUESTED

The funds required for Unspecified Minor Construction will finance projects for which the urgency is such that they could not be included in the regular Military Construction Program for the Air National Guard, and such that they exceed the minor construction authorization limit in the Operation and Maintenance Appropriation. THIS PAGE INTENTIONALLY LEFT BLANK

1. COMPONENT	FY 2022 MILITARY CONSTRUCTION PROJECT DATA						2. DATE	
(computer generated)							MAV 2021	
ANG 3 INSTALLATION AND LOCATION 4 PROJECT TITLE							WIA 1 2021	
VARIOUS LOCATIONS UNSPECIFIED MINOR CONSTRUCTION								
5. PROGRAM ELEN	PE / PRC	. PROJECT NUMBER 8. PI			. РКОЛ	ECT COST (\$000)		
52276F 962-000			PAYZ220006			29,068		
9. COST ESTIMATES								
	ITFM		U/M	OUANTI	TY	UNIT	COST (\$000)	
UNSPECIFIED MINOR CONSTRUCTION (P-341)			LS	Quinti	11	0051	29.068	
SUBTOTAL							29,068	
TOTAL CONTRACT COST							29,068	
TOTAL REQUEST						29,068		
10. Description of Proposed Construction: Provides funding for unspecified minor construction								
projects not otherwise authorized by law and having a funded cost more than \$2,000,000 and equal to								
or less than \$6,000,000. Projects include construction, alteration, or conversion of permanent or								
temporary facilities. The Secretary of the Air Force has the authority to approve projects of this nature								
under the provisions of 10 U. S. Code, 18233a and 10 U. S. Code, 2805.								
11 REOUREMENT: As Required								
PROJECT: Unspecified Minor Construction Program								
REQUIREMENT: This program provides the means of accomplishing projects costing over								
\$2,000,000, but not exceeding \$6,000,000. The requested funds are not a percent of the budget. but are								
based on historical trends and known requirements. These projects generally address functional space								
shortfalls or urgent	t new mission beddowns.		1 0	C			•	
CURRENT SITUATION: Because of new weapons systems equipment mission and personnel								
growth the Air National Guard has a number of instances where functional space shortfalls exist								
Many drive new construction requirements in the \$2,000,000 to \$6,000,000 range. These functional								
space shortfalls cause degradation of mission accomplishment. costly workarounds. and accelerated								
failure of valuable	mission equipment.	I	,			,		
IMDACT IE NOT	DDOVIDED. Unabla to a	doquately	aunn ort n	ningion of	0.001/0	raiona	and haddowns	
IVITACI IF NOT PROVIDED: Unable to adequately support mission conversions and beddowns.								
Functional space s	normans will continue. Ivi	ore expens		arounus	w III I		oc used.	

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