

**Defense Threat Reduction Agency
 FY 2021 Military Construction, Defense-Wide
 (\$ in Thousands)**

<u>State/Installation/Project</u>	<u>Authorization Request</u>	<u>Approp. Request</u>	<u>New/ Current Mission</u>	<u>Page No.</u>
New Mexico				
Kirtland Air Force Base Administrative Building	46,600	46,600	C	79
Total	46,600	46,600		

1. COMPONENT DEF (DTRA)		FY 2021 MILITARY CONSTRUCTION PROGRAM				2. DATE February 2020				
3. INSTALLATION AND LOCATION KIRTLAND AFB, NM			4. COMMAND Defense Threat Reduction Agency			5. AREA CONSTRUCTION COST INDEX 0.93				
6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF 20170930										0
b. END FY 2022										0
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE (acre)									0.00	
b. INVENTORY TOTAL AS OF YYYYMMDD									0.00	
c. AUTHORIZATION NOT YET IN INVENTORY									0.00	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM									46,600.00	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM									0.00	
f. PLANNED IN NEXT THREE PROGRAM YEARS									0.00	
g. REMAINING DEFICIENCY									0.00	
h. GRAND TOTAL									46,600.00	
8. PROJECTS REQUESTED IN THIS PROGRAM										
a. CATEGORY			b. COST (\$000)		c. DESIGN STATUS					
(1) CODE	(2) PROJECT TITLE		(3) SCOPE				(1) START	(2) COMPLETE		
610811	Administrative Building		76,057 SF		46,600		MAR 2019	JUN 2020		
9. FUTURE PROJECTS										
N/A										
10. MISSION OR MAJOR FUNCTIONS										
DTRA enables DoD and the U.S. Government to prepare for and combat weapons of mass destruction and improvised threats and to ensure nuclear deterrence.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
					(\$000)					
A. Air Pollution					0					
B. Water Pollution					0					
C. Occupational Safety and Health					0					

1. COMPONENT DTRA	FY 2021 MILITARY CONSTRUCTION PROJECT DATA			2. Date FEB 2020
3. INSTALLATION AND LOCATION KIRTLAND AFB, NM		4. PROJECT TITLE: ADMINISTRATIVE BUILDING		
5. PROGRAM ELEMENT	6. CATEGORY CODE 610811	7. PROJECT NUMBER DTRA-01	8. PROJECT COST (\$000) 46,600	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES</u>				
ADMINISTRATIVE BUILDING (CC 610811)	SF	76,057	449	36,050 (34,150)
SUSTAINABILITY AND ENERGY FEATURES	LS	-	-	(750)
ANTITERRORISM (AT/FP) MEASURES	LS	-	-	(650)
BUILDING INFORMATION SYSTEMS	LS	-	-	(500)
<u>SUPPORTING FACILITIES</u>				
SITE PREPARATION AND IMPROVEMENTS	LS			5,387 (2,903)
UTILITIES	LS			(1,678)
BUILDING DEMOLITION AND REMEDIATION	LS			(806)
SUBTOTAL				41,437
CONTINGENCY (5.00%)				2,072
TOTAL CONTRACT COST				43,509
SUPERVISION, INSPECTION AND OVERHEAD (SIOH) (5.7%)				2,480
ENGINEERING DURING CONSTRUCTION				653
TOTAL REQUEST				46,642
TOTAL REQUEST (ROUNDED)				46,600
EQUIPMENT FROM OTHER APPROPRIATIONS				18,000
10. DESCRIPTION OF PROPOSED CONSTRUCTION:				
Construct a multi-story office building that will include open office seating, collaboration areas, private offices, meeting rooms, machine rooms, seismic lab, secure analysis area, and storage. The project includes a Sensitive Compartmented Information Facility located centrally in the building.				
Building Information Systems includes Energy Monitoring Control Systems (EMCS), Cyber Security Systems, and related systems.				
Site preparation includes standard clearing and grubbing, cut and fill, grading, environmental protection structures, and demolition of chain link fencing; and surrounding hardscape which is comprised of a concrete apron, sidewalks, and asphalt pavement. Site improvements will include storm drainage, curb and gutter, walkways, parking lots, and landscaping.				
Utilities include primary and secondary service connections for water, sewer, electrical, natural gas, and communications systems.				
Demolition consists of the existing Sandia Base Weapons Museum, building 20358 (FCI: 66) since the new facility will be constructed on this site. The demolition will include remediation of asbestos containing materials in the mastic of the tiles within the museum.				

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<p>AT/FP measures will be in accordance with DoD Minimum Anti-Terrorism Standards for Buildings. Features will include facility access control, setbacks, blast resistant exterior, Intrusion Detection Systems (IDS), and progressive collapse requirements.</p> <p>Department of Defense principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate to include storm water management features.</p> <p>Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria.</p> <p>Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.</p>			
<p>11. REQUIREMENT: 76,057 SF ADQT: 0 SF SUBSTD: 100,589 SF</p> <p>PROJECT: Construct a facility to consolidate DTRA operations into a modern facility at Kirtland AFB.</p> <p>REQUIREMENT:</p> <p>DTRA personnel at Kirtland AFB perform the following activities; nuclear inspections, nuclear surety, and nuclear logistics; research and development; security, information technology, engineering, logistics, facilities, human resources, contracting, and finance operations. These organizations collaborate and perform secure/classified work in support of research and testing operations for the Air Force and Sandia Laboratories which are located on Kirtland AFB. Direct working relationships and collaboration with these mission partners is essential to mission success.</p> <p>Eglin AFB currently hosts DTRA personnel that will be relocated to Kirtland AFB in order to consolidate operations.</p> <p>CURRENT SITUATION:</p> <p>DTRA occupies three 1950s era dormitories that were converted to office use in 1972. The buildings are physically separated requiring travel by vehicle in order for personnel to meet. This requires additional time, costs, and inefficiency in day-to-day operations. These buildings do not meet antiterrorism and force protection standards.</p> <p>The age of the buildings as well as the mechanical, electrical, and plumbing systems have introduced new and significant maintenance issues. They require structural repairs, and the HVAC, roofing, fire alarm and protection systems are functionally obsolete and are at various stages of failure. Two catastrophic events have occurred with the steam system within the last two years and closed one of the buildings for 30+ days. These three buildings will be returned to Kirtland AFB for other uses.</p> <p>Eglin AFB currently supports 25 DTRA personnel. DTRA personnel at Kirtland AFB currently perform the same function. The group at Eglin AFB will be relocated to Kirtland AFB to consolidate this function in one location. The facility will be returned to Eglin AFB for other uses.</p>			

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<p>IMPACT IF NOT PROVIDED: DTRA operations will continue to be interrupted due to failing building components and incur increasing unplanned expenditures to repair facilities well past their useful life.</p> <p>JOINT USE CERTIFICATION: The DTRA Chief of Engineering & Facilities certifies that this project has been considered for joint use potential. Unilateral construction is recommended. While others may be able to use this facility, the project is scoped based on DTRA requirements.</p>																																															
<p>12. Supplemental Data:</p> <p>A. Estimated Execution Data:</p> <table> <tr> <td>(1) Acquisition Strategy:</td> <td>Design/Bid/Build</td> </tr> <tr> <td>(2) Design Data:</td> <td></td> </tr> <tr> <td>(a) Design or Request for Proposal (RFP) Started:</td> <td>MAR 2019</td> </tr> <tr> <td>(b) Percent of Design Completed as of January 2020:</td> <td>65%</td> </tr> <tr> <td>(c) Design or RFP Complete:</td> <td>JUN 2020</td> </tr> <tr> <td>(d) Total Design Cost (\$000):</td> <td>3,112</td> </tr> <tr> <td>(e) Energy Study and/or Life Cycle Analysis performed:</td> <td>Yes</td> </tr> <tr> <td>(f) Standard or definitive design used:</td> <td>Yes</td> </tr> <tr> <td>(3) Construction Data:</td> <td></td> </tr> <tr> <td>(a) Contract Award:</td> <td>FEB 2021</td> </tr> <tr> <td>(b) Construction Start:</td> <td>APR 2021</td> </tr> <tr> <td>(c) Construction Complete:</td> <td>FEB 2023</td> </tr> </table> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th><u>Equipment Nomenclature</u></th> <th><u>Procuring Appropriation</u></th> <th><u>FY Appropriated of Requested</u></th> <th><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furnishings</td> <td>O&M</td> <td>2023</td> <td>4,000</td> </tr> <tr> <td>IT Infrastructure</td> <td>PDW</td> <td>2023</td> <td>4,000</td> </tr> <tr> <td>IT Infrastructure</td> <td>O&M</td> <td>2023</td> <td>4,000</td> </tr> <tr> <td>Security Equipment</td> <td>O&M</td> <td>2023</td> <td>6,000</td> </tr> </tbody> </table> <p>Engineering & Facilities Division Telephone: (571) 616-6403</p>				(1) Acquisition Strategy:	Design/Bid/Build	(2) Design Data:		(a) Design or Request for Proposal (RFP) Started:	MAR 2019	(b) Percent of Design Completed as of January 2020:	65%	(c) Design or RFP Complete:	JUN 2020	(d) Total Design Cost (\$000):	3,112	(e) Energy Study and/or Life Cycle Analysis performed:	Yes	(f) Standard or definitive design used:	Yes	(3) Construction Data:		(a) Contract Award:	FEB 2021	(b) Construction Start:	APR 2021	(c) Construction Complete:	FEB 2023	<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>FY Appropriated of Requested</u>	<u>Cost (\$000)</u>	Furnishings	O&M	2023	4,000	IT Infrastructure	PDW	2023	4,000	IT Infrastructure	O&M	2023	4,000	Security Equipment	O&M	2023	6,000
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