

**Washington Headquarters Services
 FY 2023 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>
Virginia				
Pentagon				
Commercial Vehicle Inspection Facility	18,000	18,000	C	107
Total	18,000	18,000		

1. COMPONENT Washington Headquarters Services		FY 2023 MILITARY CONSTRUCTION PROGRAM				2. DATE March 2022				
3. INSTALLATION AND LOCATION Pentagon, Arlington, VA			4. COMMAND OSD/DA&M/WHS			5. AREA CONSTRUCTION COST INDEX 1.08				
6. PERSONNEL	(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
b. AS OF 30 Sep 2020										27,488
b. END FY 2022										27,488
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										18,000.00
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										18,000.00
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					
14113	Commercial Vehicle Inspection Facility	7,992 SF	18,000	FEB 2020	NOV 2021					
9. FUTURE PROJECTS*										
61050	Security and Pedestrian Access Facility (RRMC)	23,076 SF	\$28,000	NOV 2021	MAY 2023					
14113	Metro Entrance Pedestrian Access Control Point	10,400 SF	\$33,800	OCT 2022	MAY 2024					
*Only the first increment is shown for incrementally funded projects. Cost indicates the future authorization request.										
10. MISSION OR MAJOR FUNCTIONS										
Commercial Vehicle Inspection Facility provides efficient, effective, and secure screening of vehicles, which increases deterrence and the protection of Pentagon tenants and police officers from threats.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES										
			(\$000)							
A. Air Pollution			0							
B. Water Pollution			0							
C. Occupational Safety and Health			0							

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1. COMPONENT WHS	FY 2023 MILITARY CONSTRUCTION PROJECT DATA			2. Date March 2022
3. INSTALLATION AND LOCATION Pentagon Reservation, Arlington, Virginia		4. PROJECT TITLE: Commercial Vehicle Inspection Facility		
5. PROGRAM ELEMENT 0901584D8W	6. CATEGORY CODE 14113	7. PROJECT NUMBER 97665	8. PROJECT COST (\$000) 18,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES</u>				8,137
COMMERCIAL VEHICLE INSPECTION FACILITY (CC 14113)	SF	2,500	1706.15	(4,265)
INSPECTION CANOPY (CC 14179)	SF	4,700	418.30	(1,966)
MEMORIAL RESTROOM BUILDING (CC 73075)	SF	792	1767.04	(1,399)
BUILDING INFORMATION SYSTEMS	LS			(507)
<u>SUPPORTING FACILITIES</u>				7,287
SITE PREPARATION	LS			(588)
ELECTRIC SERVICES	LS			(987)
WATER & SEWER SERVICES	LS			(237)
COMMUNICATIONS SERVICES	LS			(332)
SITE IMPROVEMENTS	LS			(4,173)
STORMWATER MANAGEMENT	LS			(697)
POST-CONSTRUCTION CONTRACT AWARD SERVICES	LS			(273)
SUBTOTAL				15,424
CONTINGENCY (5%)				771
TOTAL CONTRACT COST				16,195
SUPERVISION, INSPECTION AND OVERHEAD (SIOH) (5.7%)				923
DESIGN/BUILD- DESIGN COST (4%)				648
TOTAL REQUEST				17,766
TOTAL REQUEST (ROUNDED)				18,000
EQUIPMENT FROM OTHER APPROPRIATIONS				700
10. DESCRIPTION OF PROPOSED CONSTRUCTION:				
Construct a ballistic resistant commercial vehicle inspection facility with control room where personnel will be screened and vehicles inspected by security personnel prior to accessing the Pentagon Remote Delivery Facility. Included are kennels, fire protection, intrusion detection, and other anti-terrorism and force protection measures.				
Construct an inspection canopy structure to include an under vehicle inspection system that is adjacent to the commercial vehicle inspection facility.				
Construct a Memorial restroom building to replace the existing temporary trailer restroom.				
Building information systems include energy monitoring control systems, cyber security systems, and related systems.				
Site preparation includes site clearing, utility removal, and grading.				

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<p>Electrical services include primary and secondary service connections, adjacent standby generator, transformer, automatic switchgear, site lighting, security equipment, conduits to serve active vehicle barriers, and emergency power connections.</p> <p>Water and sewer services include potable water main connections, lines for use with distribution and fire suppression, and sanitary sewer services.</p> <p>Communications include cabling connections to existing sources, manhole and underground system, and distribution to surveillance and life safety equipment.</p> <p>Site improvements include roadways, sidewalks, parking lots, inspection canopy signals, built-in active vehicle barriers with signals, under vehicle inspection system, fencing and gates, concrete equipment pads, landscaping and signage.</p> <p>Storm water management includes retention structures, drain boxes, piping, drainage basins, and outfalls. Low Impact Development features will be included utilizing best management practices.</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: 7,992 SF ADQT: 0 SF SUBSTD: 0 SF</p> <p><u>PROJECT:</u> Construct a commercial vehicle inspection facility, inspection canopy, and Memorial restroom.</p> <p><u>REQUIREMENT:</u> Provide permanent structures to increase vehicle and personnel screening capabilities for vehicles requiring access to the Pentagon Remote Delivery Facility.</p> <p>The Pentagon Reservation is required to conduct commercial vehicle screening while providing a safe working environment for security personnel and K-9s. The project will construct the necessary inspection area and operational space for personnel to complete their daily functions. Additionally, this project follows guidance for constructing permanent buildings in lieu of temporary facilities.</p> <p>The Memorial restroom will provide a permanent replacement for the temporary restroom facility.</p> <p><u>CURRENT SITUATION:</u> Following the Pentagon terrorist attack on September 11, 2001, the Pentagon constructed a new secure access lane with temporary facilities to search/inspect all construction and delivery vehicles. This initial access lane was emergency construction and since its inception, the existing screening facility and control booth structures were constructed with materials and in methods typical of short-term temporary use which resulted in significant degradation over the past 20 years.</p>			

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<p>Immediately to the east of the current temporary vehicle inspection facility is the 9/11 Memorial Site, which is open to the public, and receives thousands of visitors each year. The 9/11 Memorial restroom consists of a temporary trailer that serves visitors to the Memorial site without having to enter the Pentagon Building.</p> <p>This facility is not located in a 100-year flood plain.</p> <p>IMPACT IF NOT PROVIDED: In its current state, the temporary inspection facility does not meet all operational and safety needs. Security fleet vehicles share the same entrance as the vehicles being screened, presenting risks during heightened threat level operations or in the event of emergencies. Operationally, the functions performed by the K-9s, the officers and the control booth operator are not efficient. Lack of kennel space limits the amount of time the K-9s can perform their mission during excessive weather conditions due to the less than optimal environment. The officers booth lacks proper heating and cooling, and there is no on-site restroom facility for security personnel. The current temporary facility also lacks dedicated equipment storage space for both the officers' and K-9 equipment.</p> <p>The existing restroom facility is a temporary trailer that requires regular pumping. This facility was provided as a temporary solution to the lack of restroom facilities for the 9/11 Memorial Site. If not provided, the nearest restroom facilities would either be inside the Pentagon Building itself (requiring screening to enter), or the Pentagon City Fashion Center, approximately 0.5 miles from the Memorial.</p>				
12. SUPPLEMENTAL DATA:				
A. Estimated Execution Data:				
(1) Acquisition Strategy:		Design/Build		
(2) Design Data:				
(a) Design or Request for Proposal (RFP) Started:		FEB 2020		
(b) Percent of Design Completed as of January 2022:		35%		
(c) Design or RFP Complete:		NOV 2021		
(d) Total Design Cost (\$000):		\$667		
(e) Energy Study and/or Life Cycle Analysis performed:		No		
(f) Standard or Definitive Design Used:		No		
(3) Construction Data:				
(a) Contract Award:		DEC 2022		
(b) Construction Start:		SEP 2023		
(c) Construction Complete:		SEP 2025		
B. Equipment associated with this project which will be provided from other appropriations:				
<u>Equipment</u>	<u>Procuring</u>	<u>FY Appropriated</u>	<u>Cost</u>	
<u>Nomenclature</u>	<u>Appropriation</u>	<u>of Requested</u>	<u>(\$000)</u>	
FFE	PRMRF	2025	\$150	
Security Equipment	PRMRF	2025	\$550	