

1. COMPONENT Army		FY 2018 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 10 JUN 2016 10 JUN 2016				
3. INSTALLATION AND LOCATION Fort Example CONUS				4. PROJECT TITLE Consolidated Fire, Safety and Security Facility					
5. PROGRAM ELEMENT		6. CATEGORY CODE 730 10	7. PROJECT NUMBER 95918		8. PROJECT COST (\$000) 11,600				
9. COST ESTIMATES									
ITEM					UM	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY								10,458	
Consolidated Fire, Safety & Security Fac					SF	40,800	250.67	(10,227)	
Standby Generator					KW	45	585.89	(26)	
Sustainability/Energy Measures					LS	--	--	(205)	
SUPPORTING FACILITIES									
ESTIMATED CONTRACT COST								10,458	
CONTINGENCY (5.00%)								523	
SUBTOTAL								10,981	
SUPERVISION, INSPECTION & OVERHEAD (5.70%)								626	
TOTAL REQUEST								11,607	
TOTAL REQUEST (ROUNDED)								11,600	
INSTALLED EQT-OTHER APPROPRIATIONS								(0)	
10. Description of Proposed Construction Construct an extra-small standard design Consolidated Fire, Safety and Security Headquarters Facility. This facility will include apparatus bays: residential areas: administration areas: file, supply, records and evidence storage areas: detention, interview and processing areas: information systems: fire protection and alarm systems: Intrusion Detection System (IDS) installation: and Energy Monitoring Control Systems (EMCS) connection. Sustainability and energy enhancement measures are included. Supporting facilities include site development, utilities and connections, lighting, paving, parking, walks, curbs and gutters, storm drainage, information systems, landscaping and signage. Heating and air conditioning will be provided by [self contained system OR connection to the existing energy plant OR etc.]. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.									
11. REQ:		NONE		ADQT:		NONE		SUBSTD:	NONE
PROJECT: Construct an extra-small standard design Consolidated Fire, Safety and Security									

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PROJECT: (CONTINUED)  
Headquarters Facility.

ADDITIONAL:

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

ESTIMATED CONSTRUCTION START:	MAR 2018	INDEX:	2885
ESTIMATED MIDPOINT OF CONSTRUCTION:	OCT 2018	INDEX:	2918
ESTIMATED CONSTRUCTION COMPLETION:	MAY 2019	INDEX:	2952

PREPARATION DATE: 10 JUN 2016 FY 2018 PROGRAM  
FORM/PROJECT NUMBER: 95918  
PROJECT TITLE: Consolidated Fire, Safety and Security Facility  
INSTALLATION: Fort Example  
LOCATION: CONUS

## **GENERAL JUSTIFICATION DATA**

### **Remarks and/or Preparer Notes for Standard Facilities**

1. This facility requires a storage room for sensitive arms, ammunition, and explosives. As required by AR 190-11, walls will be of 8 inches of concrete reinforced with No. 4 reinforcing bars at 9 inches on center in each direction in each face of the wall. Ceilings and roofs will be of reinforced concrete, and the thinnest portion may not be less than 6 inches. Reinforcing shall be at least No. 4 bars. Floors, if on grade, will be a minimum of 6-inch thick concrete reinforced with 6 inches by 6 inches, W4 by W4 welded wire fabric or equivalent steel reinforcing bars.
2. Confirm that costs for performing LEED certified commissioning are covered.
3. Consider including costs for performing test wells on the project site prior to design in order to validate if using ground source heat pumps would be viable for the project. Ground source heat pumps can provide a facility with a very energy efficient HVAC operation if the ground conditions are applicable. The only way to determine the capability of the ground conditions is to perform test wells at the site. Test wells performed at other areas of a base are not typically sufficient to validate the use of ground source heat pump at a particular project site.

PREPARATION DATE: 10 JUN 2016 FY 2018 PROGRAM  
 FORM/PROJECT NUMBER: 95918  
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 INSTALLATION: Fort Example  
 LOCATION: CONUS

**FURNISHINGS AND EQUIPMENT**

**Information Systems Equipment**

Item Description	Total Proc Cost Appr (\$000) FY	Proc Appr	Est Delivery Date	Proc Status	Est Instl	
					Cost Instl (\$000) FY	Instl Appr
1 Info Sys - ISC	0	2019	OPA			
2 Info Sys - PROP	0	2019				

**Totals by Appropriation Type (\$000)**

Total OMA/OMN/3400/OM DHP: 0  
 Installed Equipment - Other Appropriations: 0  
 Total Related Furniture & Equipment Amount: 0