

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 95922		8. PROJECT COST (\$000) 12,600						
9. COST ESTIMATES											
ITEM					UM	QUANTITY	UNIT COST	COST(\$000)			
PRIMARY FACILITY								11,317			
Consolidated Fire, Safety & Security Fac					SF	44,600	248.20	(11,070)			
Standby Generator					KW	45	585.89	(26)			
Sustainability/Energy Measures					LS	--	--	(221)			
SUPPORTING FACILITIES											
ESTIMATED CONTRACT COST								11,317			
CONTINGENCY (5.00%)								566			
SUBTOTAL								11,883			
SUPERVISION, INSPECTION & OVERHEAD (5.70%)								677			
TOTAL REQUEST								12,560			
TOTAL REQUEST (ROUNDED)								12,600			
INSTALLED EQT-OTHER APPROPRIATIONS								(0)			
10. Description of Proposed Construction Construct a 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 a small standard design Consolidated Fire, Safety and Security											

PREPARATION DATE: 10 JUN 2016 FY 2018 PROGRAM
FORM/PROJECT NUMBER: 95922
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.

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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