

1. Component NSA/CSS DEFENSE	FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2. Date April 2009
3. Installation and Location Utah National Guard Facility, Camp Williams, Utah		4. Project Title Utah Data Center-Site	
5. Program Element NIP 0301011G	6. Category Code 141	7. Project Number	8. Project Cost (\$000) 121,500

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
PRIMARY FACILITIES				
Vehicle Inspection Facility	LS			<u>96,374</u>
Primary Electrical Service	LS			(9,390)
Site Utilities (water, sewer, storm water)	LS			(52,580)
Site Security Perimeter Control (Antiterrorism/Force Protection)	LS			(22,354)
General Conditions	LS			(6,800)
				(5,250)
SUPPORTING FACILITIES				
Site Improvements/Demolition	LS			<u>13,100</u>
Interim Visitor Control /Vehicle Inspection Center	LS			(6,500)
Construction Security-Information Assurance	LS			(3,850)
				(2,750)
TOTAL CONSTRUCTION COST				
Contingency (~5%)				<u>109,474</u>
SUBTOTAL				5,474
SIOH (5.70%)				<u>114,948</u>
Total Project Request				6,552
				<u>121,500</u>
TOTAL PROJECT COST (ROUNDED)				
				<u>121,500</u>
Equipment & Utilities Provided From Other Appropriations				(0)
Planning and Design (separate from project)				(60,000)
Total Project and Planning and Design				<u>(181,500)</u>

10. DESCRIPTION OF PROPOSED CONSTRUCTION: This project provides the basic utility infrastructure and secures the site perimeter in preparation for the construction of a data center facility. These funds will provide utilities to include water and sanitary sewer with connection fees as required. It will also provide storm water management to mitigate environmental damage. Primary electrical service for a data center facility will be provided. Existing communications hut, access road, and training area will be relocated. U.S. Government and local support services will be provided. Security measures for this project include but are not limited to perimeter security with fencing; an interim Visitor Control and Vehicle Inspection Center for use during construction, and a Vehicle Inspection Facility. Physical and Technical Security of the construction site will be assured. The site will be surveyed for unexploded ordinance and remediation action taken as required.

This project will be designed in accordance with the Uniform Federal Accessibility Standards (UFAS)/Americans with Disabilities Act (ADA) Accessibility Guidelines, and Antiterrorism Force Protection (ATFP) standards. Unified Facilities Criteria (UFC) to be an integral part of design consideration.

Selection of the Utah National Guard property on Camp Williams, Utah, for the data center was based on a detailed process that incorporated 'must have' and 'desired' parameters to determine the optimum site for a data center.

Contingency level based on site security requirements during construction, and volatility in construction materials and labor.

11. REQUIREMENT: 200 ACRES ADEQUATE: None SUBSTANDARD: 200 ACRES

PROJECT: Construct primary electrical service; water, sewer, and storm water infrastructure; security facilities; a vehicle inspection facility; and secure site for construction of a 65MW technical data center capacity.

REQUIREMENT: This project is required to provide site preparation for a 65 MW technical data center capacity supporting mission operations. The project will include the following:

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<p>(1) Site Planning (a) Design goal will be sustainable site characteristics, water and energy efficiency, and local materials and resources usage.</p> <p>(2) Facilities (a) Vehicle Inspection Facility. (b) Site perimeter security requirements related to Antiterrorism Force Protection (ATFP) and information assurance. (c) Interim construction Visitor Control Center and Vehicle Inspection Facility.</p> <p>CURRENT SITUATION: No current data processing capability exists at the planned location.</p> <p>IMPACT IF NOT PROVIDED: Current and anticipated mission requirements will not be met without completion in the specified time frame.</p> <p>ADDITIONAL:</p>			
<p>/s/ _____ Jeffrey P. Rutt, P.E. Technical Director, I&L</p>			
12. SUPPLEMENTAL DATA:			
(a) Status			
(i) Date Design Started		Nov 2008	
(ii) Percent Completed as of Feb 2009		35%	
(iii) Date Design Completed		6/2009	
(iv) Type of Design Contract:		Integrated Design-Bid-Build	
(b) Basis			
(i) Standard or Definitive Design:		No	
(ii) Date Design was Most Recently Used:		N/A	
(c) Contract Award		8/2009	
(d) Construction Start		9/2009	
(e) Construction Complete		5/2010	