

<b>1. COMPONENT</b> Washington Headquarters Services		<b>FY 2011 MILITARY CONSTRUCTION PROGRAM</b>					<b>2. DATE</b> February 2010				
<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation, Arlington, Virginia 20301-1155 Site UID: 9405				<b>4. COMMAND</b> OSD/DAM			<b>5. AREA CONSTRUCTION COST INDEX</b> 1.02				
<b>6. PERSONNEL</b>		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF December 2007		7,689	1,915	11,988							
b. END FY 2011											
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE										1	
b. INVENTORY TOTAL AS OF										N/A	
c. AUTHORIZATION NOT YET IN INVENTORY										N/A	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM (1,000)										6,473	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM										N/A	
f. PLANNED IN NEXT THREE PROGRAM YEARS										N/A	
g. REMAINING DEFICIENCY										N/A	
h. GRAND TOTAL (1,000)										6,473	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY					b. COST (\$000)						
(1) CODE	(2) PROJECT TITLE	(3) SCOPE					DESIGN START	STATUS COMPLETE			
14113	PENTAGON METRO & CORRIDOR 8 SCREENING FACILITIES				6,473		11/10	05/12			
<b>9. FUTURE PROJECTS</b> N/A											
<b>10. MISSION OR MAJOR FUNCTIONS</b> The Pentagon Metro and Corridor 8 Screening Facilities will provide the Pentagon Force Protection Agency increased capability to screen visitors for potentially hazardous devices prior to entry into the Pentagon. In accordance with Homeland Security Presidential Directive (HSPD) 12, the Metro and Corridor 8 Screening Facilities will enhance the forms of identification and security used to gain access to secure facilities where there is a potential for terrorist attacks.											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
										(\$000)	
A. Air Pollution										0	
B. Water Pollution										0	
C. Occupational Safety and Health										0	

1. COMPONENT Washington Headquarters Services	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2010	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION Pentagon Reservation, Arlington VA Site UID: 9405		4. PROJECT TITLE Pentagon Metro & Corridor 8 Screening Facilities	
5. PROGRAM ELEMENT	6. CATEGORY CODE 14113	7. PROJECT NUMBER	8. PROJECT COST (\$000) 6,473

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITIES</b>				<b>3,395</b>
PENTAGON METRO ENTRANCE SCREENING FACILITY	SF	7,620	272	2,072
METRO FIXED EQUIPMENT	LS	1	382,000	382
PENTAGON CORRIDOR 8 SCREENING FACILITY	SF	2,690	347	935
CORRIDOR 8 FIXED EQUIPMENT	LS	1	5,000	5
<b>SUPPORTING FACILITIES</b>				
METRO BUILDING FOUNDATION SYSTEM	LS	1	113,000	113
METRO SITE UTILITIES (ELECTRIC, WATER, SEWER, STEAM)	LS	1	295,000	295
METRO CIVIL CONDITIONS	LS	1	29,000	29
METRO PAVING, WALKS, CURBS & GUTTERS	LS	1	62,000	62
METRO SITE IMPROVEMENTS / DEMOLITION (D)	LS	1	186,000	186
CORRIDOR 8 BUILDING FOUNDATION SYSTEM	LS	1	44,000	44
CORRIDOR 8 SITE UTILITIES (ELECTRICAL, WATER, SEWER, STEAM)	LS	1	130,000	130
CORRIDOR 8 CIVIL CONDITIONS	LS	1	32,000	32
CORRIDOR 8 PAVING, WALKS, CURBS & GUTTERS	LS	1	179,000	179
CORRIDOR 8 SITE IMPROVEMENTS / DEMOLITION (9)	LS	1	91,000	91
<b>ESTIMATED CONSTRUCTION COST</b>				<b>4,562</b>
Contingency 5%				228
Contractor's OH&P 20%				912
<b>ESTIMATED CONTRACT COST</b>				<b>5,702</b>
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				370
Design/Build Design Cost (7%)				399
TOTAL REQUEST				6,473
<b>TOTAL REQUEST (ROUNDED)</b>				<b>6,473</b>

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**

Project will replace two Pentagon temporary security checkpoints with three permanent screening buildings: two at the Metro entrance ( one building for Visitors and one for Employees) and another building at the Corridor 8 entrance. The current temporary screening facilities were not designed as permanent architectural solutions to the increased screening requirements that were implemented post 911 at the Pentagon. The permanent screening buildings will enhance security and also integrate visually with the exterior of the Pentagon.

The screening buildings will provide increased physical separation between the Pentagon Police officers and the Pentagon visitors. The visitor screening facilities will provide three lanes to accommodate the large capacity of pedestrians using the Metro entrance and also decrease the risk to the officers conducting the screening.

The project will include: removal of the temporary buildings; new construction; civil and foundation work; and utility connections.

Following this new construction, the permanent screening buildings will: integrate with the Pentagon exterior; increase screening capacity and increase protection of the Pentagon Police officers while conducting the screening.

1. COMPONENT Washington Headquarters Services	<b>FY 2011 MILITARY CONSTRUCTION PROJECT DATA (Continuation)</b>	2. DATE February 2010	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION Pentagon Reservation, Arlington VA Site UID: 9405		4. PROJECT TITLE Pentagon Metro and Corridor 8 Screening Facilities	
5. PROGRAM ELEMENT	6. CATEGORY CODE 14113	7. PROJECT NUMBER	8. PROJECT COST (\$000) 6,473
11. REQUIREMENT: <span style="margin-left: 200px;">ADEQUATE:</span> <span style="margin-left: 200px;">SUBSTANDARD: X</span> <hr/> <b>PROJECT:</b> Construction of permanent screening buildings at the Pentagon Metro and Corridor 8 Entrances. <b>REQUIREMENT:</b> This work is required to replace temporary checkpoints with permanent screening buildings. <b>CURRENT SITUATION:</b> The existing prefabricated screening facilities were provided as a temporary solution to the increased security requirements post 911 on the Pentagon Reservation. The new buildings will provide a permanent architectural solution for the Pentagon screening requirements. <b>IMPACT IF NOT PROVIDED:</b> The Pentagon main entrances will continue to have a temporary/ under construction look. An extension from the National Capital Planning Commission will be requested for the temporary screening facilities. The increased security for the officers conducting the screening will not be implemented. The increased security for the Pentagon occupants will not be implemented. <b>ADDITIONAL:</b> All applicable codes will be integrated into this project.			
12. Supplemental Data: a. ESTIMATED DESIGN DATA: (1) STATUS: (a) DATE DESIGN STARTED _____ <span style="float: right;"><u>NOV 2010</u></span> (b) PERCENT COMPLETE AS OF JANUARY 2011 _____ <span style="float: right;"><u>15%</u></span> (c) DATE DESIGN EXPECTED TO BE 35% COMPLETE _____ <span style="float: right;"><u>FEB 2011</u></span> (d) DATE DESIGN EXPECTED TO BE 100% COMPLETE _____ <span style="float: right;"><u>MAY 2011</u></span> (e) PARAMETRIC COSTS TO DEVELOP COSTS _____ <span style="float: right;"><u>YES</u></span> (f) TYPE OF DESIGN CONTRACT _____ <span style="float: right;"><u>MODIFIED DESIGN/BUILD</u></span> (g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN. (2) BASIS: (a) STANDARD OR DEFINITIVE DESIGN <span style="float: right;"><u>NOT APPLICABLE</u></span> (b) WHERE DESIGN WAS MOST RECENTLY USED <span style="float: right;"><u>NOT APPLICABLE</u></span> (3) TOTAL DESIGN COST (c)=(a)+(b)+(e) (a) PRODUCTION OF PLANS AND SPECIFICATIONS _____ <span style="float: right;"><u>422 K</u></span> (b) ALL OTHER DESIGN COSTS _____ <span style="float: right;"><u>0 K</u></span> (c) TOTAL _____ <span style="float: right;"><u>422 K</u></span> (d) CONTRACT _____ <span style="float: right;"><u>0 K</u></span> (e) IN-HOUSE _____ <span style="float: right;"><u>0 K</u></span> COST OF REPRODUCTION OF PLANS AND SPECIFICATIONS _____ <span style="float: right;"><u>2K</u></span> (4) CONSTRUCTION AWARD DATE <span style="float: right;"><u>MAY 2011</u></span> (5) CONSTRUCTION START <span style="float: right;"><u>MAY 2011</u></span> (6) CONSTRUCTION COMPLETION DATE <span style="float: right;"><u>MAY 2012</u></span> b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROCURED FROM OTHER APPROPRIATIONS: O&M - \$1.218M for IM&T and FURNITURE			

<b>1. COMPONENT</b> Washington Headquarters Services		<b>FY 2011 MILITARY CONSTRUCTION PROGRAM</b>				<b>2. DATE</b> February 2010		
<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation, Arlington, Virginia 20301-1155			<b>4. COMMAND</b> OSD/DAM			<b>5. AREA CONSTRUCTION COST INDEX</b> 1.02		
<b>6. PERSONNEL</b>		<b>(1) PERMANENT</b>		<b>(2) STUDENTS</b>		<b>(3) SUPPORTED</b>		<b>(4) TOTAL</b>
		<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	
a. AS OF								
b. END FY								
<b>7. INVENTORY DATA (\$000)</b>								
a. TOTAL ACREAGE							N/A	
b. INVENTORY TOTAL AS OF							N/A	
c. AUTHORIZATION NOT YET IN INVENTORY							N/A	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM							4,923	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM							N/A	
f. PLANNED IN NEXT THREE PROGRAM YEARS							N/A	
g. REMAINING DEFICIENCY							N/A	
h. GRAND TOTAL							4,923	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>								
a. CATGEGORY				b. COST (\$000)		DESIGN START		STATUS COMPLETE
(1) CODE	(2) PROJECT TITLE	(3) SCOPE						
14113	Secure Access Lane – Remote Vehicle Screening Facility			4,923		02/10		12/11
								Anticipates 1.0 Year for Construction
<b>9. FUTURE PROJECTS</b> N/A								
<b>10. MISSION OR MAJOR FUNCTIONS</b>  Project Description: Permanent replacement for temporary facility that provides initial screening for trucks entering the Pentagon. A new permanent shelter for the truck screening area shall be provided, based upon a concept previously prepared. Shall meet all SAL functional requirements to include a permanent security booth and work area for staff; restrooms and decontamination shower facilities, and a kennel for trained canines. IT and secure communications shall be provided by WHS, but pathways within the structure are a part of the scope. Anti-terrorism/force protection measures will be incorporated in accordance with criteria prescribed in the current UFC regulations. This site lends itself to full compliance with the UFC regulations. LEED certification will be pursued during design of this facility. Energy conservation and efficiency measures may include energy management control systems, highly efficient HVAC and lighting, as well as alternative energy.								
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>								
				(\$000)				
A. Air Pollution				0				
B. Water Pollution				0				
C. Occupational Safety and Health				0				

<b>1. COMPONENT</b> Washington Headquarters Services	<b>FY 2011 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> February 2010	<b>REPORT CONTROL SYMBOL</b> DD-A&T(A)1610
<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation, Arlington, Virginia 20301-1155		<b>4. PROJECT TITLE</b> Secure Access Lane – Remote Vehicle Screening Facility	
<b>5. PROGRAM ELEMENT</b>	<b>6. CATEGORY CODE</b> 14113	<b>7. PROJECT NUMBER</b> TBD	<b>8. PROJECT COST (\$000)</b> 4,923

**9. COST ESTIMATES**

<b>PRIMARY FACILITY</b>				<b>1,445</b>
TRUCK SHELTER SUPERSTRUCTURE & ENCLOSURE	LS	1	353	353
SHELTER COVERINGS & INSTALLATION	LS	1	344	344
RETAINING WALL FOR CANOPY & BERM	LS	1	217	217
ENCLOSURE (CMU walls, protective windows, doors, and fencing)	LS	1	473	473
INTERIOR	LS	1	58	58
<b>SECONDARY FACILITIES</b>				<b>1,475</b>
BUILDING FOUNDATION SYSTEM	LS	1	55	55
EQUIPMENT & FURNISHINGS	LS	1	12	12
SERVICES (plumbing, water, waste, drainage, HVAC, elec.)	LS	1	328	328
SITE MECHANICAL UTILITIES	LS	1	93	93
SITE ELECTRICAL UTILITIES	LS	1	36	36
SITE PREPARATION	LS	1	156	156
SITE IMPROVEMENTS	LS	1	796	795
<b>ESTIMATED CONTRACT COST</b>				<b>2,920</b>
SECURE SITE ADJUSTMENT (5%)				146
SUBTOTAL 1				3,066
GENERAL CONDITIONS (15%)				460
SUBTOTAL 2				3,526
INDIRECTS & RESERVES (2%)				71
SUBTOTAL 3				3,597
OVERHEAD & FEE (15%)				530
SUBTOTAL 4				4,137
CONTINGENCY/ESCALATION (19%)				786
SUBTOTAL 5				4923
<b>TOTAL REQUEST</b>				<b>4,923</b>

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**

Construct a new Vehicle Screening Facility at the Secure Access Lane to include heating, ventilation, and air conditioning; fire protection; site and building utilities; site improvements; UPS system; and security measures. The project program includes: long-span structure (covering 3 traffic lanes) with at least 18' vertical clearance, administrative offices for personnel with direct view of arriving vehicles, kennel for 6 canines, access/parking for 6 police vehicles, as well as restrooms and decontamination shower. The facility is planned to be constructed of reinforced concrete and should be minimally visible from the surrounding area; alternate building systems may be explored. Existing paved infrastructure will be reutilized; additional supporting facilities include adjacent surface parking, access road, relocated bike path, sidewalks, and exterior lighting. Anti-terrorism/force protection measures will be incorporated in accordance with criteria prescribed in the current UFC regulations. LEED certification will be pursued in the design of this facility. Energy conservation and efficiency measures may include energy management control systems, highly efficient HVAC and lighting systems, as well as alternative energy.



1. COMPONENT Washington Headquarters Services	<b>FY 2011 MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE February 2010	REPORT CONTROL SYMBOL DD-A&T(A)1610
3. INSTALLATION AND LOCATION Pentagon Reservation, Arlington, Virginia 20301-1155	4. PROJECT TITLE Secure Access Lane – Remote Vehicle Screening Facility		
5. PROGRAM ELEMENT	6. CATEGORY CODE 14113	7. PROJECT NUMBER TBD	8. PROJECT COST (\$000) 4,923

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

1. Status:
  - (a) Date Design Started: 02/10
  - (b) Parametric Cost Estimate Used to Develop Costs (Yes/No): Yes
  - (c) Percent Complete as of January, 2010: 0%
  - (d) Date 35 Percent Complete: 06/10
  - (e) Date Design Complete: 11/10
  - (f) Type of Design Contract: Design/Bid/Build
  
2. Basis:
  - (a) Standard or Definitive Design: No
  - (b) Date Design was Most Recently Used: NA
  
3. Total Cost (c) = (a) + (b) or (d) + (e)
  - (a) Production of Plans and Specifications: \$0.301M
  - (b) All other Design Costs: 0
  - (c) Total: \$.0200M
  - (d) Contract: \$.0501M
  - (e) In-house: 0
  
4. Contract Award: 12/10
5. Construction Start: 1/11
6. Construction Complete: 12/11

B. Equipment associated with this project which will be provided from other appropriations.

<b>1. COMPONENT</b> Washington Headquarters Services		<b>FY 2011 MILITARY CONSTRUCTION PROGRAM</b>				<b>2. DATE</b> February 2010					
<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation (Raven Rock Mountain Complex)			<b>4. COMMAND</b> Washington Headquarters Services			<b>5. AREA CONSTRUCTION COST INDEX</b> 1.02					
<b>6. PERSONNEL</b>		<b>(1) PERMANENT</b>		<b>(2) STUDENTS</b>			<b>(3) SUPPORTED</b>			<b>(4) TOTAL</b>	
		<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>	<b>CIVILIAN</b>	<b>OFFICER</b>	<b>ENLISTED</b>		<b>CIVILIAN</b>
a. AS OF											
b. END FY											
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE									N/A		
b. INVENTORY TOTAL AS OF									N/A		
c. AUTHORIZATION NOT YET IN INVENTORY									N/A		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM									51,928		
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM									N/A		
f. PLANNED IN NEXT THREE PROGRAM YEARS									N/A		
g. REMAINING DEFICIENCY									N/A		
h. GRAND TOTAL									51,928		
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY				b. COST (\$000)		DESIGN START		STATUS COMPLETE			
(1) CODE	(2) PROJECT TITLE		(3) SCOPE								
81160	Power Plant Modernization – Phase III		1 EA		51,928		02/2010		01/2011		
<b>9. FUTURE PROJECTS</b>											
FY15 Power Plant Modernization, Phase IV											
<b>10. MISSION OR MAJOR FUNCTIONS</b>											
<p>Modernize the site's West Power Plant facility. The project will allow the facility to support Continuity of Operations Planning (COOP) for the US Government, Office of the Secretary of Defense (OSD) and the Joint Staff (JS), and provide for the 2N redundancy requirement based on future anticipated facility mission loads. This work constitutes the third phase of a multi-phase effort to modernize the facility's power plants.</p>											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
(\$000)											
A. Air Pollution		0									
B. Water Pollution		0									
C. Occupational Safety and Health		0									

1. COMPONENT Washington Headquarters Services	FY 2011 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 2010	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION Pentagon Reservation (Raven Rock Mountain Complex )		4. PROJECT TITLE Power Plant Modernization – Phase Three	
5. PROGRAM ELEMENT	6. CATEGORY CODE 81160	7. PROJECT NUMBER	8. PROJECT COST (\$000) 51,928

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST (\$000)	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>43,521</b>
<b>RRMC WEST POWER PLANT</b>	<b>LS</b>	<b>1</b>	<b>1</b>	<b>43,521</b>
GENERATORS	LS	1	1	(22,880)
CHILLERS	LS	1	1	(3,060)
FIRE SUPPRESSION	LS	1	1	(914)
MECHANICAL (INSIDE 5' LINE)	LS	1	1	(7,029)
ELECTRICAL (INSIDE 5' LINE)	LS	1	1	(2,245)
BRIDGE CRANE CONSTRUCTION	LS	1	1	(374)
MISCELLANEOUS PLANT CONSTRUCTION	LS	1	1	(4,756)
EXCAVATION	LS	1	1	(363)
COMMISSIONING FACILITY	LS	1	1	(1,900)
<b>SUPPORTING FACILITIES</b>				<b>804</b>
BUILDING FOUNDATION SYSTEM	LS	1	0	0
SITE UTILITIES (ELECTRIC, WATER, SEWER, GAS & STEAM)	LS	1	0	0
CIVIL CONDITIONS (SOIL TREATMENT/REMEDIATION)	LS	1	0	0
PAVING, WALKS, CURBS & GUTTERS	LS	1	0	0
SITE DEMOLITION	LS	1	1	804
SITE IMPROVEMENTS	LS	1	0	0
<b>ESTIMATED CONTRACT COST</b>				<b>44,326</b>
CONTINGENCIES (10%)				4,433
SUBTOTAL 1				48,759
SUPERVISION, INSPECTION & OVERHEAD (6.5%)				3,169
SUBTOTAL 2				51,928
TOTAL REQUEST				51,928
<b>TOTAL REQUEST</b>				<b>51,928</b>

**10. DESCRIPTION OF PROPOSED CONSTRUCTION**  
 Modernize the site's West Power Plant facility. The project will allow the facility to support Continuity of Operations Planning (COOP) for the Office of the Secretary of Defense (OSD) and the Joint Staff (JS), and provide for the 2N redundancy requirement based on future anticipated facility mission loads. This work constitutes the third phase of a multi-phase effort to modernize the facility's power plants.

Current electrical power generation capacity is inadequate to meet mission requirements; this third phase (see other phase descriptions below) of plant modernization will enlarge the power plant and furnish and install additional generators and associated equipment and infrastructure to meet mission requirements.

The project will include: Selective demolition; abatement of hazardous materials; rock excavation and enlargement of the power plant facility; epoxy rock anchors in existing excavation; generators sized to meet mission power requirements; utility support for generators, including new combustion air piping, exhaust piping (including blast valve), fuel oil piping, and cooling water; paralleling switchgear; a new generator controls system; larger chillers and associated pumps sized to meet mission cooling loads; air handling units to cool the plant and condition outside air; temperature controls; water heater with heat recovery; aqueous film forming foam (AFFF) fire suppression system; fire detection; repair of exhaust shaft bulkhead; IT cabling; replacement of under floor utilities; air compressors, dryer, and receivers; temporary utilities; upgrade industrial water pumps; replace bridge crane; and construction of a new control room with associated controls and SCADA. The modernized plant will be tested and all operational characteristics will be verified.

In Phase Two, the facilities fuel oil storage was upgraded to provide additional storage capacity.

1. COMPONENT Washington Headquarters Services	<b>FY 2011 MILITARY CONSTRUCTION PROJECT DATA (Continuation)</b>	2. DATE February 2010	REPORT CONTROL SYMBOL																														
3. INSTALLATION AND LOCATION Pentagon Reservation (Raven Rock Mountain Complex )	4. PROJECT TITLE Power Plant Modernization – Phase Three																																
5. PROGRAM ELEMENT	6. CATEGORY CODE 81160	7. PROJECT NUMBER	8. PROJECT COST (\$000) 51,928																														
<b>11. REQUIREMENT: ADEQUATE: SUBSTANDARD: X</b> <b>PROJECT:</b> Construction for the following: New power plant and associated infrastructure, including fire suppression, lighting, power, controls, etc. <b>REQUIREMENT:</b> This work is required to meet 2N redundancy requirements in support of the mission. <b>CURRENT SITUATION:</b> The existing power plant does not have the required capacity to support the mission based on the projected future facility loads. Identified capacity is classified <b>IMPACT IF NOT PROVIDED:</b> The facility's emergency power and HVAC systems will not be able to support the RRMC in the event of a complex lockdown. <b>ADDITIONAL:</b> All applicable codes will integrated into this project.																																	
<b>12. Supplemental Data:</b> b. ESTIMATED DESIGN DATA: (1) STATUS: <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) DATE DESIGN STARTED _____</td> <td style="text-align: right;"><u>NOV 2010</u></td> </tr> <tr> <td>(b) PERCENT COMPLETE AS OF JANUARY 2010 _____</td> <td style="text-align: right;"><u>15%</u></td> </tr> <tr> <td>(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE _____</td> <td style="text-align: right;"><u>FEB 2011</u></td> </tr> <tr> <td>(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE _____</td> <td style="text-align: right;"><u>APR 2011</u></td> </tr> <tr> <td>(e) PARAMETRIC COSTS TO DEVELOP COSTS _____</td> <td style="text-align: right;"><u>MODIFIED DESIGN/BUILD</u></td> </tr> <tr> <td>(f) TYPE OF DESIGN CONTRACT _____</td> <td></td> </tr> <tr> <td>(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.</td> <td></td> </tr> </table> (2) BASIS: <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) STANDARD OR DEFINITIVE DESIGN</td> <td style="text-align: right;"><u>NOT APPLICABLE</u></td> </tr> <tr> <td>(b) WHERE DESIGN WAS MOST RECENTLY USED</td> <td style="text-align: right;"><u>NOT APPLICABLE</u></td> </tr> </table> (3) TOTAL DESIGN COST (c)=(a)+(b)+(e) <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) PRODUCTION OF PLANS AND SPECIFICATIONS 3.5% _____</td> <td style="text-align: right;"><u>1.9 M</u></td> </tr> <tr> <td>(b) ALL OTHER DESIGN COSTS 3.0% _____</td> <td style="text-align: right;"><u>1.6 M</u></td> </tr> <tr> <td>(c) TOTAL _____</td> <td style="text-align: right;"><u>0.0 M</u></td> </tr> <tr> <td>(d) CONTRACT _____</td> <td style="text-align: right;"><u>0.0 M</u></td> </tr> <tr> <td>(e) IN-HOUSE _____</td> <td style="text-align: right;"><u>0.0 M</u></td> </tr> <tr> <td>COST OF REPRODUCTION OF PLANS AND SPECIFICATIONS _____</td> <td style="text-align: right;"><u>3.7 M</u></td> </tr> </table> (4) CONSTRUCTION AWARD DATE <u>APR 11</u> (5) CONSTRUCTION START <u>APR 11</u> (6) CONSTRUCTION COMPLETION DATE <u>AUG 13</u> b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROCURED FROM OTHER APPROPRIATIONS: none				(a) DATE DESIGN STARTED _____	<u>NOV 2010</u>	(b) PERCENT COMPLETE AS OF JANUARY 2010 _____	<u>15%</u>	(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE _____	<u>FEB 2011</u>	(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE _____	<u>APR 2011</u>	(e) PARAMETRIC COSTS TO DEVELOP COSTS _____	<u>MODIFIED DESIGN/BUILD</u>	(f) TYPE OF DESIGN CONTRACT _____		(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.		(a) STANDARD OR DEFINITIVE DESIGN	<u>NOT APPLICABLE</u>	(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>NOT APPLICABLE</u>	(a) PRODUCTION OF PLANS AND SPECIFICATIONS 3.5% _____	<u>1.9 M</u>	(b) ALL OTHER DESIGN COSTS 3.0% _____	<u>1.6 M</u>	(c) TOTAL _____	<u>0.0 M</u>	(d) CONTRACT _____	<u>0.0 M</u>	(e) IN-HOUSE _____	<u>0.0 M</u>	COST OF REPRODUCTION OF PLANS AND SPECIFICATIONS _____	<u>3.7 M</u>
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