

<b>1. COMPONENT</b> Washington Headquarters Services		<b>FY 2009 MILITARY CONSTRUCTION PROGRAM</b>				<b>2. DATE</b> February 2008					
<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation, Arlington, Virginia 20301-1155			<b>4. COMMAND</b> Washington Headquarters Services			<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											N/A
b. END FY											N/A
<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										6,967	
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										6,967	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY				b. COST (\$000)		DESIGN START		STATUS COMPLETE			
(1) CODE	(2) PROJECT TITLE	(3) SCOPE									
811	PENTAGON ATHLETIC CENTER, PHASE II			6,967	6/08	4/10					
<b>9. FUTURE PROJECTS</b>  N/A											
<b>10. MISSION OR MAJOR FUNCTIONS</b> The Pentagon Athletic Center was designed and will be constructed within two phases. Phase I was completed in 2004. Phase II will be constructed in undeveloped space between the Mall Terrace and the Remote Delivery Facility, provided most but not all of the athletic requirements stipulated for this facility. It also provided for a visual information center. Replacing most of the functions provided by the former aged PAC, the main exterior entrance, additional locker areas, a corridor connection for the rear entrance, and general office space remain unconstructed at this time. Phase II of this project will complete these requirements and fulfill the replacement of the old facility. This second phase will be located adjacent to Phase I in an existing, unrenovated area designated as Basement Segment 3B. Like the previous phase, Phase II will also incorporate force protection, security, and environmental conservation measures. This Phase II addition will include heating, ventilation, and air conditioning throughout; fire protection; site and building utilities; and, limited site improvements. Supporting facilities include outside lighting, pavement, sidewalks, and access roads. The project program includes: administrative offices for approximately 8 to 10 personnel, shower/locker facilities (additional for both men and women), exterior main building entrance, corridor connection for the rear entrance, and building support spaces. This site lends itself to full compliance with UFC regulations. LEEDs certification will be pursued during the designing of this facility. Energy conservation and efficiency measures may include energy management control systems; lighting; and HVAC. Materials and finishes existing in Phase I of this project will be extended into Phase II where appropriate.											
<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 2009 MILITARY CONSTRUCTION PROJECT DATA		2. DATE February 2008	REPORT CONTROL SYMBOL DD-A&T(A)1610					
3. INSTALLATION AND LOCATION Pentagon Reservation, Arlington, Virginia 20301-1155		4. PROJECT TITLE PENTAGON ATHLETIC CENTER, PHASE II							
5. PROGRAM ELEMENT 0901598D8W	6. CATEGORY CODE 811	7. PROJECT NUMBER 2009-1	8. PROJECT COST (\$000) 6,967						
<b>9. COST ESTIMATES</b>									
<table border="1"> <thead> <tr> <th data-bbox="129 474 885 520">ITEM</th> <th data-bbox="885 474 974 520">U/M</th> <th data-bbox="974 474 1154 520">QUANTITY</th> <th data-bbox="1154 474 1326 520">UNIT COST (\$000)</th> <th data-bbox="1326 474 1490 520">COST (\$000)</th> </tr> </thead> </table>					ITEM	U/M	QUANTITY	UNIT COST (\$000)	COST (\$000)
ITEM	U/M	QUANTITY	UNIT COST (\$000)	COST (\$000)					
<b>PRIMARY FACILITY</b>									
<b>PENTAGON ATHLETIC CENTER</b>									
ADMINISTRATIVE OFFICE SPACES	TGSF	16,000	185	4,085					
LOCKER ROOMS (ADDITIONAL LOCKERS)	GSF	4,800	LS	1,663					
EXTERIOR MAIN BUILDING ENTRANCE	GSF	3,400	LS	448					
CORRIDOR CONNECTION FOR REAR ENTRANCE	GSF	2,400	LS	387					
CORRIDOR CONNECTION FOR REAR ENTRANCE	GSF	1,100	LS	178					
BUILDING SUPPORT SPACES	GSF	4,300	LS	1409					
<b>SUPPORTING FACILITIES</b>									
BUILDING FOUNDATION SYSTEM	LS	1	614	670					
SITE UTILITIES (ELECTRIC, WATER, SEWER, GAS & STEAM)	LS	1	263	295					
CIVIL CONDITIONS (SOIL TREATMENT/REMEDICATION)	LS	1	117	117					
PAVING, WALKS, CURBS & GUTTERS	LS	1	297	297					
SITE DEMOLITION	LS	1	199	199					
SITE IMPROVEMENTS	LS	1	143	143					
<b>ESTIMATED CONTRACT COST</b>									
DESIGN CONTINGENCY (13.2%)									
SUBTOTAL 1									
SUPERVISION, INSPECTION & OVERHEAD (6%)									
SUBTOTAL 2									
<b>TOTAL REQUEST</b>									
5,806									
767									
6,573									
394									
6,967									
<b>6,967</b>									
<b>EQUIPMENT/FURNISHINGS/MISCELLANEOUS</b>									
EXPENSES FROM OTHER APPROPRIATIONS									
(NON-ADD)									
2,000									
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>									
<p>The Pentagon Athletic Center was designed and will be constructed within two phases. Phase I was completed in 2004. Phase II will be constructed in undeveloped space between the Mall Terrace and the Remote Delivery Facility, provided most but not all of the athletic requirements stipulated for this facility. It also provided for a visual information center. Replacing most of the functions provided by the former aged PAC, the main exterior entrance, additional locker areas, a corridor connection for the rear entrance, and general office space remain unconstructed at this time. Phase II of this project will complete these requirements and fulfill the replacement of the old facility. This second phase will be located adjacent to Phase I in an existing, unrenovated area designated as Basement Segment 3B. Like the previous phase, Phase II will also incorporate force protection, security, and environmental conservation measures. This Phase II addition will include heating, ventilation, and air conditioning throughout; fire protection; site and building utilities; and, limited site improvements. Supporting facilities include outside lighting, pavement, sidewalks, and access roads. The project program includes: administrative offices for approximately 8 to 10 personnel, shower/locker facilities (additional for both men and women), exterior main building entrance, corridor connection for the rear entrance, and building support spaces. This site lends itself to full compliance with UFC regulations. LEEDs certification will be pursued during the designing of this facility. Energy conservation and efficiency measures may include energy management control systems; lighting; and HVAC. Materials and finishes existing in Phase I of this project will be extended into Phase II where appropriate.</p>									

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<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation, Arlington, Virginia 20301-1155		<b>4. PROJECT TITLE</b> PENTAGON ATHLETIC CENTER, PHASE II		
<b>5. PROGRAM ELEMENT</b> 0901598D8W	<b>6. CATEGORY CODE</b> 811	<b>7. PROJECT NUMBER</b> 2009-1	<b>8. PROJECT COST (\$000)</b> 6,967	
<b>11. REQUIREMENT:</b> <b>23600 SF</b> <b>ADEQUATE:</b> <b>SUBSTANDARD: 6375 SF</b>  PROJECT: Construct Phase II of the Pentagon Athletic Center. Phase II will complete the full requirements for this facility.  REQUIREMENT: Due to existing conditions, the Pentagon Athletic Center was planned as a two-phased design and construction project. Only Phase I has been completed to date. Without the completion of this second phase, this center operates with some functions that are less than that provided under the old facility. Use of this facility is by paid membership. In addition, the military utilize this facility daily to maintain and support their annual physical fitness regiment and requirements. Because of the large population occupying and using the PAC throughout the day, loss of functional areas hamper safety and mission essential requirements. Completion of Phase II will aid in military readiness and employee retention and recruitment. A direct exterior access to the facility will increase security protection measures by limiting Pentagon access to non-badged and screened individuals who also use the PAC on a routine basis. Phase II will continue the enhancements in personnel safety, physical security, and environmental conservation.  CURRENT SITUATION: The Pentagon Athletic Center was designed and constructed within two phases. Phase I was completed in 2004. Phase II will be constructed in undeveloped space between the Mall Terrace and the Remote Delivery Facility, provided most but not all of the athletic requirements stipulated for this facility. It also provided for a visual information center. Replacing most of the functions provided by the former aged PAC, the main exterior entrance, additional locker areas, a corridor connection for the rear entrance, and general office space remain unconstructed at this time. Phase II of this project will complete these requirements and fulfill the replacement of the old facility. This second phase will locate adjacent to Phase I in an existing, unrenovated area designated as Basement Segment 3B. Like the previous phase, Phase II will also incorporate force protection, security, and environmental conservation measures.  IMPACT IF NOT PROVIDED: Delays in executing the second phase of the PAC will prevent a complete and useable replacement for the old facility. It will limit use of functional areas available to paid members, areas essential to a well rounded fitness program. Direct exterior access of this facility by those who only need to enter the PAC and not the Pentagon itself will continue. Improvements to quality of life, physical fitness, retention, and recruitment will be delayed. Incomplete services and activities will not meet the needs of the Pentagon tenants to the fullest extent possible. Temporary building tie-ins to the current structure will continue to be subjected to inclement weather which has caused internal damage in the past. Although stop gap measures have been provided to prevent further impacts, a long-term permanent solution is required.				

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<b>3. INSTALLATION AND LOCATION</b> Pentagon Reservation, Arlington, Virginia 20301-1155		<b>4. PROJECT TITLE</b> PENTAGON ATHLETIC CENTER, PHASE II	
<b>5. PROGRAM ELEMENT</b> 0901598D8W	<b>6. CATEGORY CODE</b> 811	<b>7. PROJECT NUMBER</b> 2009-1	<b>8. PROJECT COST (\$000)</b> 6,967

**12. Supplemental Data:**

**a. ESTIMATED DESIGN DATA:**

(1) STATUS:

(a) DATE DESIGN STARTED .....	Jun-08
(b) PERCENT COMPLETE AS OF JANUARY 2008.....	0%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....	Sep-08
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE.....	Apr-09
(e) PARAMETRIC COSTS TO DEVELOP COSTS .....	
(f) TYPE OF DESIGN CONTRACT.....	<u>DESIGN/BID/BUILD</u>
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.	

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN	<u>NOT APPLICABLE</u>
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>NOT APPLICABLE</u>

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e)

(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....	6%	0.402
(b) ALL OTHER DESIGN COSTS.....	5%	0.335
(c) TOTAL.....		0.737
(d) CONTRACT.....		0.737
(e) IN-HOUSE.....		0.000

COST OF REPRODUCTION OF PLANS AND SPECS.....	0.065
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(4) CONSTRUCTION CONTRACT AWARD DATE	<u>May-09</u>
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(5) CONSTRUCTION START	<u>Jun-09</u>
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(6) CONSTRUCTION COMPLETION DATE	<u>Apr-10</u>
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**b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS**

<u>EQUIPMENT NOMENCLATURE</u>	<u>FISCAL YEAR PROCURI APPROPRIATION APPROPRIA OR REQUESTED</u>	<u>COST (\$000)</u>
FURNITURE	FY 2009	0.350
RECREATION EQUIPMENT	FY 2009	0.975
MOVING EXPENSES		0.250
MISCELLANEOUS SERVICES		<u>0.425</u>

<b>1. COMPONENT</b> Washington Headquarters Services		<b>FY 2009 MILITARY CONSTRUCTION PROGRAM</b>					<b>2. DATE</b> February 2008				
<b>3. INSTALLATION AND LOCATION</b> Raven Rock Mountain Complex (RRMC)				<b>4. COMMAND</b> OSD/DAM		<b>5. AREA CONSTRUCTION COST INDEX</b> 0.89					
<b>6. PERSONNEL</b>		(1) PERMANENT			(2) STUDENTS			(3) SUPPORTED			(4) TOTAL
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF											
b. END FY											
<b>7. INVENTORY DATA (\$000)</b>											
a. TOTAL ACREAGE											
b. INVENTORY TOTAL AS OF											
c. AUTHORIZATION NOT YET IN INVENTORY											
d. AUTHORIZATION REQUESTED IN THIS PROGRAM											15,572
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM											
f. PLANNED IN NEXT THREE PROGRAM YEARS											
g. REMAINING DEFICIENCY											
h. GRAND TOTAL											15,572
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>											
a. CATEGORY				b. COST (\$000)		DESIGN START		STATUS COMPLETE			
(1) CODE	(2) PROJECT TITLE	(3) SCOPE									
811	Construction of West Power Plant			15,572	06/07	11/08					
								Anticipates 3 Years for Construction			
<b>9. FUTURE PROJECTS</b>  N/A											
<b>10. MISSION OR MAJOR FUNCTIONS</b> Construction: RRMC requires 2N redundant infrastructure systems for HVAC and Emergency Power. The East and West Power Plants each provide 1N of the required HVAC cooling and emergency generator power to the RRMC facility. This cooling and power are required for the facility to meet its mission in the event of a lockdown situation. Based on the projected loads the existing East and West Power Plants must be upgraded to continue to meet the mission and maintain the 2N requirement.											
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>											
											(\$000)
D. Air Pollution											0
E. Water Pollution											0
F. Occupational Safety and Health											0

<b>1. COMPONENT</b> Washington Headquarters Services	<b>FY 2009 MILITARY CONSTRUCTION  PROJECT DATA</b>		<b>2. DATE</b> February 2008	<b>REPORT CONTROL  SYMBOL</b> DD-A&T(A)1610
<b>3. INSTALLATION AND LOCATION</b> Raven Rock Mountain Complex (RRMC)		<b>4. PROJECT TITLE</b> Raven Rock West Power Plant		
<b>5. PROGRAM ELEMENT</b> 0901598D8W	<b>6. CATEGORY CODE</b> 811	<b>7. PROJECT NUMBER</b> 2009-2	<b>8. PROJECT COST (\$000)</b> 15,572	
<b>9. COST ESTIMATES</b>				
09 Finishes				
11 Equipment				
13 Special Construction				15,572
15 Mechanical				
16 Electrical				
Design Cost				
<b>SUBTOTAL</b>	-			<b>15,572</b>
Contingency	-			0
<b>ESTIMATED CONTRACT COST</b>	-			<b>15,572</b>
Supervision, Inspection & Overhead	-			0
<b>TOTAL REQUEST</b>	-			<b>15,572</b>
<b>TOTAL REQUEST ROUNDED</b>	-			<b>15,572</b>
<b>EQUIPMENT FUNDED FROM OTHER APPROPRIATIONS</b>	N/A			
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>				
<p>The work included in this project will allow the facility to continue to support the Continuity of Operations (COOP) planning for the Office of the Secretary of Defense and the Joint Staff, and provide for the 2N redundancy requirement based on the future anticipated facility loads. The work will begin after a temporary Power Plant has been installed, tested and accepted by the client. Once the temporary Power Plant has been accepted, the existing West Power Plant will be removed. Testing for and removing any asbestos and lead-containing materials will then take place. After all abatement procedures have been completed, all remaining equipment and materials will be removed from the cavern. The cavern will then be enlarged to allow for the installation of larger fuel storage tanks. Once the rock excavation is completed the contractors will begin building out the new Power Plant that will include the installation of new generators, fuel tanks, chillers, pumps, air handling units (AHUs), direct digital controls (DDCs), a heat exchanger, boiler, sprinkler suppression system, and miscellaneous infrastructure support. After construction completion the entire new West Power Plant will be rigorously tested to insure that it meets the facilities requirements. Once testing is completed and the Power Plant has been accepted by the facility, the temporary Power Plant will be reconfigured to provide 2N redundancy.</p>				

<b>1. COMPONENT</b> Washington Headquarters Services	<b>FY 2009 MILITARY CONSTRUCTION          PROJECT DATA (Continuation)</b>		<b>2. DATE</b> February 2008	<b>REPORT CONTROL          SYMBOL</b> DD-A&T(A)1610																																																			
<b>3. INSTALLATION AND LOCATION</b> Raven Rock Mountain Complex (RRMC)		<b>4. PROJECT TITLE</b> Raven Rock West Power Plant																																																					
<b>5. PROGRAM ELEMENT</b> 0901598D8W	<b>6. CATEGORY CODE</b> 811	<b>7. PROJECT NUMBER</b> 2009-2	<b>8. PROJECT COST (\$000)</b> 15,572																																																				
<b>11. REQUIREMENT:</b> <span style="margin-left: 200px;"><b>ADEQUATE:</b></span> <span style="margin-left: 200px;"><b>SUBSTANDARD: X</b></span>  <p><b>PROJECT:</b> Construction for the following: A new temporary power plant (chillers/emergency generators) will be installed to allow for the required 2N redundancy for the RRMC facility during the renovation period. Once the temporary plant has been installed and tested, the existing West Power Plant will be removed (existing generators, pumps, piping, fuel tanks, chillers, AHU's, etc...). A new West Power Plant (chillers, AHU's, boilers, piping, emergency generators, fuel tanks, pumps, etc...) will be designed and installed that will provide 1N power and cooling capacity to the RRMC facility. When commissioning and acceptance of the West Power Plant is complete, the diesel generators and all associated infrastructure of the temporary power plant will be relocated as part of the East Power Plant renovation.</p> <p><b>REQUIREMENT:</b> This work is required to meet 2N redundancy requirements in support of the Joint Chiefs' mission.</p> <p><b>CURRENT SITUATION:</b> The existing West Power Plant does not have the required capacity to support the mission based on the projected future facility loads.</p> <p><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.</p> <p><b>ADDITIONAL:</b> N/A</p>																																																							
<b>12. Supplemental Data:</b>  A. Design Data: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">1. Status</td> <td></td> <td></td> </tr> <tr> <td>    (a) Date Design Started</td> <td></td> <td style="text-align: right;">Jun 07</td> </tr> <tr> <td>    (b) Parametric Cost Estimated Used to Develop Costs (Yes/No)</td> <td></td> <td style="text-align: right;">NO</td> </tr> <tr> <td>    (c) Percent Completed as of January 2008 :</td> <td></td> <td style="text-align: right;">35%</td> </tr> <tr> <td>    (d) Date Design completed:</td> <td></td> <td style="text-align: right;">NOV 08</td> </tr> <tr> <td>    (f) Type of Construction Contract:</td> <td></td> <td style="text-align: right;">Design/Build</td> </tr> <tr> <td>2. Basis</td> <td></td> <td></td> </tr> <tr> <td>    (a) Standard or Definitive Construction:</td> <td></td> <td style="text-align: right;">NO</td> </tr> <tr> <td>    (b) Date Construction Design was Most Recently Used:</td> <td></td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)</td> <td></td> <td></td> </tr> <tr> <td>    (a) Production of Plans and Specifications</td> <td></td> <td style="text-align: right;">N/A</td> </tr> <tr> <td>    (b) All Other Design Costs</td> <td></td> <td style="text-align: right;">400</td> </tr> <tr> <td>    (c) Total</td> <td></td> <td style="text-align: right;">15,572</td> </tr> <tr> <td>    (d) Contract</td> <td></td> <td style="text-align: right;">15,572</td> </tr> <tr> <td>    (e) In-House</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>4. Construction Contract Award</td> <td></td> <td style="text-align: right;">Jan 09</td> </tr> <tr> <td>5. Design Complete</td> <td></td> <td style="text-align: right;">Aug 10</td> </tr> </table>					1. Status			(a) Date Design Started		Jun 07	(b) Parametric Cost Estimated Used to Develop Costs (Yes/No)		NO	(c) Percent Completed as of January 2008 :		35%	(d) Date Design completed:		NOV 08	(f) Type of Construction Contract:		Design/Build	2. Basis			(a) Standard or Definitive Construction:		NO	(b) Date Construction Design was Most Recently Used:		N/A	3. Total Cost (c) = (a)+(b) or (d)+(e) (\$000)			(a) Production of Plans and Specifications		N/A	(b) All Other Design Costs		400	(c) Total		15,572	(d) Contract		15,572	(e) In-House		0	4. Construction Contract Award		Jan 09	5. Design Complete		Aug 10
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<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							16,401	
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							16,401	
<b>8. PROJECTS REQUESTED IN THIS PROGRAM</b>								
a. CATGEGORY				b. COST (\$000)				
(1) CODE	(2) PROJECT TITLE	(3) SCOPE				DESIGN START	STATUS COMPLETE	
811	PFFA HAZARDOUS MATERIAL RESPONSE FACILITY AND CBRNE HEADQUARTERS			16,401		11/08	5/11	
<b>9. FUTURE PROJECTS</b> N/A								
<b>10. MISSION OR MAJOR FUNCTIONS</b> Construct a new facility at the Heating Refrigeration Plant (HRP) to include heating, ventilation, and air conditioning throughout; fire protection; site and building utilities; site improvements; UPS system; and security measures. Supporting facilities include surface parking adjacent to the building, outside lighting, pavement, sidewalks, and access roads. Hazardous waste remediation and other environmental conditions required to accommodate the new facility will be provided. This facility will house three divisions: CBRN Lab, Hazardous Material Response, and Training and Equipment. The project program includes: administrative offices for 59 personnel, CBRN Lab, training rooms, building support spaces, shower/locker facility for lab personnel and contractors in support of the mission, and bulk/refrigeration storage and vaults for testing/sampling supplies and equipment for rapid response activities. The facility is to be constructed of a steel framework and panels; this facility will be minimally visible from the roadway and from the main Pentagon campus. The footprint of the Pentagon Solar Farm will serve as the footprint of this new structure. The Solar Farm will be relocated on grillage atop this new facility. The CBRN Lab will be self contained units and fully accredited by the National Institute of Health (NIH) and Center for Disease Control (CDC). The North Entry Gate will require a complete redesign to allow for efficient passage of delivery trucks entering the site and emergency vehicles leaving the site. The building will contain two "service alleys" located over underground utilities to remain. This provides covered loading/unloading zones for multiple vehicles. Operation and maintenance manuals will be provided at the conclusion of this project. 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. LEEDs certification will be pursued during the designing of this facility. Energy conservation and efficiency measures may include energy management control systems; lighting; solar powered battery backup; and HVAC								
<b>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</b>								
				(\$000)				
G. Air Pollution				0				
H. Water Pollution				0				
I. Occupational Safety and Health				0				



<b>1. COMPONENT</b> Washington Headquarters Services	<b>FY 2009 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> February 2008	<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> PFPA HAZARDOUS MATERIAL RESPONSE FACILITY AND CBRNE HEADQUARTERS	
<b>5. PROGRAM ELEMENT</b> 0901598D8W	<b>6. CATEGORY CODE</b> 811	<b>7. PROJECT NUMBER</b> 2009-3	<b>8. PROJECT COST (\$000)</b> 16,401
<b>9. COST ESTIMATES</b>			
ITEM	U/M	QUANTITY	UNIT COST (\$000)
<b>PRIMARY FACILITY</b>			
<b>PENTAGON FORCE PROTECTION AGENCY (PFPA) HAZARDOUS MATERIAL RESPONSE FACILITY</b>	<b>TGSF</b>	<b>25,550</b>	<b>1</b> <b>12,314</b>
CBRN ADMINISTRATIVE	GSF	6,913	1      3335
HAZARDOUS MATERIAL RESPONSE DIVISION	GSF	8684	1      4184
TRAINING AND EQUIPMENT DIVISION	GSF	2895	1      1394
BUILDING SUPPORT SPACES	GSF	7058	1      3401
<b>SUPPORTING FACILITIES</b>			
BUILDING FOUNDATION SYSTEM	LS	1	406      406
SITE UTILITIES (ELECTRIC, WATER, SEWER, GAS & STEAM)	LS	1	164      164
CIVIL CONDITIONS (SOIL TREATMENT/REMEDICATION)	LS	1	125      125
PAVING, WALKS, CURBS & GUTTERS	LS	1	315      315
SITE DEMOLITION	LS	1	191      191
SITE IMPROVEMENTS	LS	1	152      152
<b>ESTIMATED CONTRACT COST</b>			
DESIGN CONTINGENCY (13.2%)			<b>13,667</b>
SUBTOTAL 1			<u>1,805</u>
SUPERVISION, INSPECTION & OVERHEAD (6%)			15,472
SUBTOTAL 2			<u>928</u>
<b>TOTAL REQUEST</b>			<b>16,401</b>
<b>EQUIPMENT/FURNISHINGS/MISCELLANEOUS EXPENSES FROM OTHER APPROPRIATIONS</b>			
			(NON-ADD)      1,500
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>			
<p>Construct a new facility at the Heating Refrigeration Plant (HRP) to include heating, ventilation, and air conditioning throughout; fire protection; site and building utilities; site improvements; UPS system; and security measures. Supporting facilities include surface parking adjacent to the building, outside lighting, pavement, sidewalks, and access roads. Hazardous waste remediation and other environmental conditions required to accommodate the new facility will be provided. This facility will house three divisions: CBRN Administration, Hazardous Material Response, and Training and Equipment. The project program includes: administrative offices for 59 personnel, CBRN administration, training rooms, building support spaces, shower/locker facility for lab personnel and contractors in support of the mission, and bulk/refrigeration storage and vaults for testing/sampling supplies and equipment for rapid response activities. The facility is to be constructed of a steel framework and panels; this facility will be minimally visible from the roadway and from the main Pentagon campus. The footprint of the Pentagon Solar Farm will serve as the footprint of this new structure. The Solar Farm will be relocated on grillage atop this new facility. The North Entry Gate will require a complete redesign to allow for efficient passage of delivery trucks entering the site and emergency vehicles leaving the site. The building will contain two "service alleys" located over underground utilities to remain. This provides covered loading/unloading zones for multiple vehicles. Operation and maintenance manuals will be provided at the conclusion of this project. 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. LEEDs certification will be pursued during the designing of this facility. Energy conservation and efficiency measures may include energy management control systems; lighting; solar powered battery backup; and HVAC.</p>			

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<p><b>11. REQUIREMENT:</b>      <b>25550 SF</b>      <b>ADEQUATE:</b>      <b>SUBSTANDARD:</b></p> <p><b>** CURRENT SPACE LOCATIONS ARE IN LEASED FACILITIES WHOSE 10-YEAR TERM AGREEMENT IS NOT RENEWABLE BEYOND 2010</b></p> <p>PROJECT: Construct a permanent Pentagon Force Protection Agency (PFFA) Hazardous Material Response Facility on the Pentagon.</p> <p>REQUIREMENT: This facility shall house all elements of the PFFA Hazmat Response Team presently located in leased facilities, at FB2, and at a temporary, constrained site on the Pentagon Reservation. The current Hazmat facility locations are under lease agreements that expire in 2010 or are impacted by Congressional mandates stipulating facility termination in 2010. Collocation of these three sites and its functions will greatly improve responsiveness to and support of the DOD mission, personnel, property, and force protection measures. The replacement facility for this organization must be within immediate travel distance of the Pentagon (no greater than a 5-minute response time to any incident location), and under secure conditions. Collocation of functions will also support consolidation of shared functions such as training, communications, and storage. A site of approximately .50 acre has been designated for this project, its structures, and supporting facilities. The existing Pentagon Solar Farm will be relocated to the roof of this new facility. Solar energy will be tapped to recharge emergency batteries used during a threat incident. Other means to utilize solar power will be explored during design development to reduce energy usage.</p> <p>CURRENT SITUATION: In February 1995, when construction of the Pentagon basement began, the PFFA HazMat Facility was temporarily located to the bridges under the River Terrace, to FB2, and to a leased location at 1440 Eads Street, Arlington, Virginia, in a warehouse owned by the Cafritz Corporation. This space was secured by the General Services Administration (GSA) for a ten-year lease. The owner has informed GSA that the lease can no longer be renewed beyond 2010. The functions of this facility are housed in three separate locations. Consolidation of functions will realize greater efficiencies in responsiveness to an incident. A move onto Federal property would provide a long-term, permanent, more secure solution for this facility. The mission of this facility has dramatically increased over the past two-years to include support to off campus sites tied to the Reservation. As outlined in all major agency guidelines, policies, and procedures, this facility fully supports any chemical, biological, or other threat incident to the Reservation and it personnel.</p> <p>IMPACT IF NOT PROVIDED: Due to a lease termination occurring in 2010, permanent accommodations for the Hazmat Response Team must occur. In addition, a portion of this facility is located at FB2 which will be demolished prior to 2010 per a Congressional mandate. Long-term temporary conditions will adversely affect the quality and responsiveness to emergency conditions. Providing critical threat analysis during an emergency or disaster will be hindered. Because existing space on the Reservation is unavailable for this function, other accommodations must be sought for a permanent facility. Reduction in travel time and collocation with the organizations this facility serves is paramount. Immediate response, recovery, and sustainment of support activities is necessary to maintain the safety of its occupants. Hence, a response time of no greater than 5 minutes must occur. The facility requires a site that will maintain high security conditions as noted at the Pentagon Reservation. The nature of this operation, if compromised, could result in significant impacts to the people, environment and neighboring sites. Continued use of inefficiently located facilities will result in less than optimal use of energy, resources, and manpower assets.</p> <p>FACILITY MISSION: PFFA is responsible for providing force protection, security, HAZMAT response, and law enforcement, as required for the people, facilities, infrastructures and other resources at the Pentagon Reservation and for DOD activities on DOD-occupied facilities not under the jurisdiction of a military department within the NCR. This includes the planning, preparation, and implementation of all protective measures against terrorist attacks and threats. HRD conducts CBRN Response Team Operations in support of crisis management, involving the Reservation and designated facilities within the National Capital Region. CBRN Response Team operations include on-scene hazard evaluation to confirm or deny the presence of chemical, biological, radiological or nuclear material. HRD conducts CBRN detection, field verification, mitigation, decontamination and CBRN survey operations during National Security events. HRD conducts CBRN Special Events security support for Honor Cordons, Full Honor Ceremonies, major events both on and off the Pentagon Reservation, and emergency response deployment operations in support of the Office of the Secretary of Defense.</p>				

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12 SUPPLEMENTAL DATA

a. ESTIMATED DESIGN DATA:

(1) STATUS:

(a) DATE DESIGN STARTED .....	<u>Nov-08</u>
(b) PERCENT COMPLETE AS OF JANUARY 2007.....	<u>15%</u>
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....	<u>Jun-09</u>
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE.....	<u>Oct-09</u>
(e) PARAMETRIC COSTS TO DEVELOP COSTS .....	<u>DESIGN/BUILD</u>
(f) TYPE OF DESIGN CONTRACT.....	
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.	

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN	<u>NOT APPLICABLE</u>
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>NOT APPLICABLE</u>

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e)

(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....	6%	<u>0.984</u>
(b) ALL OTHER DESIGN COSTS.....	5%	<u>0.820</u>
(c) TOTAL.....		<u>1.804</u>
(d) CONTRACT.....		<u>0.000</u>
(e) IN-HOUSE.....		<u>0.000</u>
COST OF REPRODUCTION OF PLANS AND SPECS.....		<u>0.050</u>

(4) CONSTRUCTION CONTRACT AWARD DATE Jul-09

(5) CONSTRUCTION START Aug-09

(6) CONSTRUCTION COMPLETION DATE May-11

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

<u>EQUIPMENT NOMENCLATURE</u>	<u>FISCAL YEAR PROCUREMENT APPROPRIATION OR REQUESTED</u>	<u>COST (\$000)</u>
FURNITURE	FY 2010	0.500
LAB EQUIPMENT	FY 2010	0.200
MOVING EXPENSES		0.500
MISCELLANEOUS SERVICES		<u>0.300</u>
TOTAL		1.500