

FISCAL YEAR 2010 BUDGET ESTIMATE SUBMISSION

May 2009



CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE

This page intentionally left blank

**BUDGET ESTIMATE SUBMISSION FOR FY 2010
CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

<u>TABLE OF CONTENTS</u>	<u>PAGE NO</u>
APPROPRIATION LANGUAGE	1
APPROPRIATION JUSTIFICATION	2
PART I - PURPOSE AND SCOPE	
PART II - JUSTIFICATION OF FUNDS REQUIRED	
PART III - MILESTONES	
EXHIBITS	
FY 2010 Military Construction Project Data (DD Forms 1391)	9
FY 2010 Military Construction Program (DD Forms 1390)	17

**JUSTIFICATION OF FY 2010 BUDGET ESTIMATE SUBMISSION
CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

APPROPRIATION LANGUAGE

For expenses, not otherwise provided for, necessary for the construction of facilities and infrastructure upgrades to support destruction of the United States stockpile of lethal chemical agents and munitions in accordance with the provisions of Section 1412 of the National Defense Authorization Act, 1986 (50 U.S.C. 1521), \$146,541,000 to become available on October 1, 2009 and to remain available until September 30, 2014.

**JUSTIFICATION OF FY 2010 BUDGET ESTIMATE SUBMISSION
CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

APPROPRIATION JUSTIFICATION

(In Thousands of Dollars)	
FY 2010 Estimate	\$146,541
FY 2009 Budget	\$144,278
FY 2008 Actual	\$104,176

Part I – Purpose and Scope

This account provides funding for design and construction of full-scale chemical disposal facilities and associated projects to upgrade installation support facilities and infrastructures required to support the Assembled Chemical Weapons Alternatives (ACWA) portion of the Chemical Demilitarization Program. This account was established starting in FY 2005 to comply with Section 141 (b) of the FY 2003 National Defense Authorization Act.

Part II – Justification of Funds Required

The funds requested in this budget submission are required to carry out the Congressional mandate of public law 99-145 and support the commitments of this nation under the Chemical Weapons Convention (CWC). The Chemical Demilitarization Program is this nation's response to the mandate of public law and commitments under the CWC. The program has destroyed 60% of the U.S. stockpile of chemical weapons since entry-into-force of the CWC. All CWC treaty milestones have been met to date, including destruction of former production facilities in January 2007 and the CWC 45% destruction milestone in June 2007. The program has developed annual destruction goals to guide its progress toward destroying the entire U.S. chemical weapons stockpile as close as practical to the CWC 100% destruction deadline of April 2012.

This document provides justification for FY 2010 financial requirements in support of the ACWA portion of the Chemical Demilitarization Program. Requirements for this Program other than those addressed herein are budgeted in the Chemical Agents and Munitions Destruction appropriation.

The costs for facilities construction for each chemical disposal plant to be built are based on site-specific design criteria and depot infrastructure requirements. These requirements include planning, acquisition, construction and other supporting activities necessary to construct the destruction facilities.

Part III – Program Descriptions and Milestones

The Assembled Chemical Weapons Alternatives (ACWA) program is a separately managed part of the Chemical Demilitarization Program, responsible for implementing alternative (non-incineration) technologies for the destruction of the chemical weapons stockpile at the Pueblo Chemical Depot in Colorado and the Blue Grass Army Depot in Kentucky.

The Under Secretary of Defense for Acquisition, Technology and Logistics, or USD (AT&L), approved neutralization followed by bio-treatment as the technology for the destruction of the chemical weapons stockpile at Pueblo in July 2002 and neutralization followed by supercritical water oxidation as the destruction technology for the stockpile at Blue Grass in February 2003. A systems contract for the Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) was awarded in September 2002 to the Bechtel Pueblo Team. A systems contract for the Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) was awarded to the Bechtel Parsons Blue Grass Team in June 2003.

Major Milestones for Assembled Chemical Weapons Alternatives Program are as follows:

Program Inception	1997
Criteria Development, Assessment, Demonstration of Alternatives	1997 to 2002
Received Pueblo Record of Decision and Technology Selection	July 2002
Received Blue Grass Record of Decision and Technology Selection	February 2003
10 USC Sec. 2433 Program Certification	January 2007
Revised Acquisition Program Baseline Approved	April 2007

Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP):

Systems Contract Award	September 2002
RCRA RD&D Permit Approval, Stage I	July 2004
RCRA RD&D Permit Approval, Stage II	June 2005
Trade Studies (Cost Reduction)	October 2004 to July 2005
Intermediate Re-Design Completion	February 2006
Stage 1B Permit Modification Approval	June 2006
Stage 2 Permit Modification Submittal and Approval	June 2006 to September 2006
Stage 3 Permit Modification Submittal and Approval	November 2006 to October 2008
Stage 1A & 1B Construction	October 2005 to October 2007
Stage 2 Construction, Start	May 2007
Final Design, Government Acceptance	May 2007
Temporary Authorization Approval (TAA, for Stage 3 Construction)	Various
Stage 3 and Balance of Construction ¹⁾	January 2008 to FY 2012
-Continue construction and equipment installation for main facilities, Agent Processing Building and Enhanced Reconfiguration Building	Throughout FY 2010
- Complete construction of the Control and Support Building	FY 2010
Continue Systemization Planning and Ramp-up	FY 2010

Note: 1) During FY 2010 construction activity will continue on the Agent Processing Building, Enhanced Reconfiguration Building, Agent Filter Area, and the Laboratory, Treaty Office, and ancillary facilities.

Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP):

Systems Contract Award	June 2003
RCRA RD&D Permit Application Approval	September 2005
Access Road & Earthwork Construction	May 2006 to May 2007
Site Fencing (Channelization)	September 2006 to April 2007
Final Process and Main Facilities Design, Government Acceptance	July 2008
Main Plant and Balance of Construction, Field Activities	March 2008 to FY 2016
-Placement of Munitions Demilitarization Building (MDB) horizontal concrete	October 2008 to 4th Qtr FY 2010
-Complete prototype testing on Metal Parts Treater	4th Qtr FY 2009
-Initiate MDB vertical wall construction	1st Qtr FY 2010
-Complete prototype testing on Energetics Batch Hydrolyzer	2nd Qtr FY 2010
Design Completion, Government Acceptance	4th Qtr FY 2010

**Funded Financial Summary
(In Thousands of Dollars)**

The FY 2008, 2009, and 2010 resource levels required to support the following facilities are shown below:

Locations/Facilities	FY 2008	FY 2009	FY 2010
Facilities Construction	Actual	Budget	Estimate
KY, Blue Grass Army Depot - Defense Access Road	0	12,000	0
KY, Blue Grass Chem Agent-Disposal Pilot Plant	69,017	67,218	54,041
CO, Pueblo Chem Agent-Disposal Pilot Plant	35,159	65,060	92,500
Total Funded	104,176	144,278	146,541

This page intentionally left blank

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2010
 MILITARY CONSTRUCTION
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION
-----	-----	-----	-----	-----	-----
Colorado	67608	Pueblo Chemical Depot (AMC) Chemical Demil Stockpile Fac Ph XI	0	92,500	C
		Subtotal Pueblo Chemical Depot	\$ 0	92,500	
		* TOTAL ChemD FOR Colorado	\$ 0	92,500	
Kentucky	67602	Lexington-Blue Grass Dep Act (AMC) Lexington-Blue Grass Depot Chemical Demil Stockpile Fac Ph X	0	54,041	C
		** TOTAL INSIDE THE UNITED STATES FOR ChemD	\$ 0	146,541	
		Total Cost of New Mission Projects	(0)	\$ 0	
		Total Cost of Current Mission Projects	(2)	\$ 146,541	
		Total Cost of other line items	(0)	\$ 0	
		Total Cost of FY 2010 ChemD Projects	(2)	\$ 146,541	

This page intentionally left blank

1. COMPONENT		FY 2010		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						MAY 2009	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE				
Pueblo Chemical Depot			Chemical Demil Stockpile Pac Ph XI				
Colorado							
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
		216		67608		Approp 92,500	
9. COST ESTIMATES							

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY				
Agent Processing Bldg	m2 (SF)	5,096 (	54,850)	254,268
Enhanced Reconfiguration Bldg	m2 (SF)	3,328 (	35,825)	(81,911)
Access Road	km (MI)	9.33 (	5.80)	(58,212)
Control & Support / Maintenance	m2 (SF)	1,765 (	19,000)	(16,907)
Multi-Purpose Bldg	m2 (SF)	2,546 (	27,400)	(21,664)
Total from continuation page				
SUPPORTING FACILITIES				
Electric Service	LS	--	--	109,880
Water, Sewer, Gas	LS	--	--	(43,215)
Steam And/or Chilled Water Dist	LS	--	--	(19,691)
Paving, Walks, Curbs & Gutters	LS	--	--	(14,220)
Storm Drainage	LS	--	--	(11,294)
Site Imp (17,946) Demo (	LS	--	--	(1,293)
Information Systems	LS	--	--	(17,946)
				(2,221)
ESTIMATED CONTRACT COST				
CONTINGENCY (5.00%)				
SUBTOTAL				
364,148				
SUPV, INSP & OVERHEAD (5.70%)				
DESIGN/BUILD - DESIGN COST				
TOTAL REQUEST (ROUNDED)				
483,908				
INSTALLED BQT-OTHER APPROP				
484,000				
10. Description of Proposed Construction				
Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations. This Chem Demil facility is currently authorized at \$484.0 million. The FY2010 budget request is for Increment XI (PN 67608, \$92.5 million). Increment I (PN 17700, \$0 appropriation), Increment II (PN 40658, \$10.7 million) was approved in FY 2001; Increment III (PN 47261, \$11.0 million) was approved in FY 2002; Increment IV (PN 47846, \$38.0 million) was approved in FY 2003; Increment V (PN 51026, \$69.767 million, original appropriation of \$88.388 million as reduced by \$18.621 million due to reprogramming for an approved Defense Access Road (DAR) project) was approved in FY 2004, Increment VI (PN 57496 \$44.792 million) was approved in FY 2005; Increment VII (PN 58386, \$0) the FY2006 Increment received no funding; Increment VIII (PN 66244 \$41.836 million) was approved in FY 2007; Increment IX (PN 67606 \$29.438 million, original appropriation of \$35.159 million as reduced by \$5.721 million due to reprogramming far an approved DAR project) was approved in FY 2008; and Increment X (PN 67607 \$65.060 million) was approved in FY 2009. This project will provide for the design and construction of a toxic chemical munitions demilitarization (Demil) complex based on the Neutralization followed by Biotreatment Process approved in the Acquisition Decision Memorandum dated 16				

1. COMPONENT		FY 2010		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						MAY 2009	
3. INSTALLATION AND LOCATION							
Pueblo Chemical Depot, Colorado							
4. PROJECT TITLE				5. PROJECT NUMBER			
Chemical Demil Stockpile Fac Ph XI				67608			
9. COST ESTIMATES (CONTINUED)							
Item	UM (M/E)	QUANTITY	Unit Cost	Cost (\$000)			
<u>PRIMARY FACILITY (CONTINUED)</u>							
Bio Treatment Area	m2 (SF)	11,317 (	121,915)	1,412	(15,976)		
Utility Building	m2 (SF)	696.77 (	7,500)	16,596	(11,564)		
Access Control Point	m2 (SF)	942.78 (	10,148)	4,789	(4,515)		
Process support Bldg	m2 (SF)	3,763 (	40,500)	985.54	(3,708)		
Lab/Lab Filter Bldg	m2 (SF)	687.48 (	7,400)	4,922	(3,384)		
Process support Bldg Mods	m2 (SF)	613.16 (	6,600)	4,162	(2,552)		
Entry Control Facility	m2 (SF)	232.26 (	2,500)	11,302	(2,625)		
Agent Filter Area	m2 (SF)	4,045 (	43,545)	532.17	(2,153)		
Water Recovery/Brine Reduction	m2 (SF)	713.50 (	7,680)	2,582	(1,842)		
Munitions Storage Magazine	m2 (SF)	185.81 (	2,000)	3,617	(672)		
Munitions Storage Magazine	m2 (SF)	185.81 (	2,000)	3,617	(672)		
Munition Body Storage Bldg	m2 (SF)	867.90 (	9,342)	771.99	(3,486)		
IDS Installation	LS	--	--	--	(593)		
Building Information Systems	LS	--	--	--	(593)		
Total				54,412			
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>							
Jul 02. The work is being executed under a design-build cost reimbursement contract. Work includes an energetics processing building with blast containment, an agent processing building, a control building, a process auxiliary building, a personnel and maintenance facility with change rooms, a utility building, maintenance storage, and a medical treatment area; a process support and administrative building; a chemical analysis laboratory; a waste storage building; a biotreatment area; and entry control facilities. Special features include blast doors, fire protection, a cascading heating, ventilation, air conditioning (HVAC) system with airlocks for agent containment, special air filtration, special personnel protective clothing area, toxic chemical resistive coatings and surfaces, explosion-proof electrical fixtures, and an intrusion detection system (IDS). Supporting facilities include utilities; electric service with an electrical substation; standby electric generators; security fencing and lighting; paving and surfacing, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by a central system; air conditioning will be provided by self-contained units.							
11. REQ:	NONE	ADQT:	NONE	SUBSTD:	NONE		
PROJECT: Construct a toxic chemical agent munitions demilitarization facility. (New Mission)							
REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at							

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE MAY 2009
3. INSTALLATION AND LOCATION Pueblo Chemical Depot, Colorado		
4. PROJECT TITLE Chemical Demil Stockpile Fac Ph XI	5. PROJECT NUMBER 67608	

REQUIREMENT: (CONTINUED)

Pueblo Chemical Depot in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile and the Army has submitted an implementation plan which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Projectiles containing lethal chemical agents are stored in igloos at the installation and some currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with congressional mandate and Chemical Weapons Convention treaty requirements for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the health of depot employees and the environment will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Anti-terrorism/force protection measures have been designed as required. This project is mandated by Congress and is exempt from preparation of an economic analysis.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:		MAY 2003
(a) Date Design Started.....		100.00
(b) Percent Complete As of January 2009.....		JUN 2005
(c) Date 35% Designed.....		APR 2007
(d) Date Design Complete.....		NO
(e) Parametric Cost Estimating Used to Develop Costs		
(f) Type of Design Contract: Design-build		
(2) Basis:		
(a) standard or definitive Design: NO		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		1,654
(b) All other Design Costs.....		994
(c) Total Design Cost.....		2,648
(d) Contract.....		478
(e) In-house.....		2,170
(4) Construction Contract Award.....		SBP 2002

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		MAY 2009
3. INSTALLATION AND LOCATION		
Pueblo Chemical Depot, Colorado		
4. PROJECT TITLE	5. PROJECT NUMBER	
Chemical Demil Stockpile Fac Ph XI	67608	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (continued)		
(5) Construction Start.....		OCT 2005
(6) Construction Completion.....		MAR 2012
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested Cost (\$'000)
Process Equipment	CAMD	2008 207,555
Process Equipment	CAMD	2009 83,086
Process Equipment	CAMD	2010 79,281
Process Equipment	CAMD	2011 73,124
Process Equipment	CAMD	2012 28,954
TOTAL		472,000

1. COMPONENT		2. DATE		
FY 2010		MILITARY CONSTRUCTION PROJECT DATA		MAY 2009
ARMY				
3. INSTALLATION AND LOCATION		4. PROJECT TITLE		
Lexington-Blue Grass Depot		Chemical Demil Stockpile Pac Ph X		
Kentucky				
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
	216	57602	Approp 54,041	
9. COST ESTIMATES				
ITEM	DN (W/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Munitions Disposal Bldg	m2 (SF)	8,996 (96,720)	12,585	(113,083)
Control and support Bldg	m2 (SF)	3,437 (37,000)	7,720	(26,538)
Filter Area	m2 (SF)	3,608 (38,840)	958.85	(3,460)
Access Control Bldg	m2 (SF)	110.37 (1,188)	14,089	(1,555)
Container Handling Bldg	m2 (SF)	1,823 (19,624)	1,765	(3,218)
Total from Continuation page				(105,127)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	104,360
Water, Sewer, Gas	LS	--	--	(35,741)
Steam And/or Chilled Water Dist	LS	--	--	(9,780)
Paving, Walks, Curbs & Gutters	LS	--	--	(971)
Storm Drainage	LS	--	--	(12,117)
Site Imp(31,803) Demo()	LS	--	--	(4,338)
Information Systems	LS	--	--	(31,803)
				(9,610)
ESTIMATED CONTRACT COST				357,341
CONTINGENCY (5.00%)				17,867
SUBTOTAL				375,208
SUPV, INSP & OVERHEAD (5.70%)				21,387
DESIGN/BUILD - DESIGN COST				95,228
TOTAL REQUEST				491,823
TOTAL REQUEST (ROUNDED)				492,000
INSTALLED EQT-OTHER APPROP				(1,586,000)
10. Description of Proposed Construction Construct a Chemical Agent Destruction Pilot Plant facility using incremental appropriations which are split over more than one fiscal year. This Chemical Agent Destruction Pilot Plant is currently authorized at \$492.0 million. The FY2010 budget request is for increment X PN 67602 (\$54.041 million). Previous appropriations are as follows: FY2000, Increment I, PN 21994 (\$0); FY2002 Increment II, PN 40845 (\$3.0 million); FY2003, Increment III, PN 47847 (\$10.3 million); FY2004 Increment IV, PN 50552 (\$16.22 million); FY2005 Increment V, PN 51027 (\$37.094 million); FY2006, Increment VI, PN 58391 (\$0) (FY06 RDT & B funds (\$46.8 million) were authorized by congress for MILCOM design and construction activities for FY2006 only); FY2007 Increment VII, PN 58392 (\$89.157 million); FY2008, Increment VIII, PN 59800 (\$69.017 million); FY2009 Increment IX PN 59801 (\$67.218 million). This project will provide for the design and construction of toxic chemical munitions demilitarization (demil) complex based on neutralization followed by supercritical water oxidation (SCWO). The work is being executed under a performance based design-build cost reimbursement contract. Work includes a munitions demilitarization building (MDB) with blast containment areas, an adjoining control and support building, and a corridor connecting the munitions container handling building; MDB filters; SCWO				

1. COMPONENT	FY 2010	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			MAY 2009

3. INSTALLATION AND LOCATION		Lexington-Blue Grass Depot, Kentucky	
4. PROJECT TITLE	Chemical Demil Stockpile Fac Ph X	5. PROJECT NUMBER	67602

9. COST ESTIMATES (CONTINUED)			
Item	UM (M/E)	QUANTITY	Unit Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>			
Utility Bldg	M2 (SF)	2,341 (	25,200) 10,134 (23,725)
SCWO Bldg	M2 (SF)	2,471 (	26,596) 9,542 (23,577)
Hydrolyzate Storage Tank Area	M2 (SF)	2,775 (	29,869) 930.43 (2,582)
Standby Diesel Generator Area	M2 (SF)	557.42 (	6,000) 2,898 (1,610)
Personnel Maintenance Bldg	M2 (SF)	1,417 (	15,250) 3,125 (4,428)
Personnel Support Bldg	M2 (SF)	2,165 (	23,300) 1,561 (3,380)
Entry Control Facility	M2 (SF)	129.60 (	1,395) 7,562 (980)
Modular Laboratory Bldg	M2 (SF)	704.20 (	7,580) 6,258 (4,407)
Lab Filter Area	M2 (SF)	92.90 (	1,000) 6,146 (571)
Maintenance Bldg	M2 (SF)	2,606 (	28,049) 1,845 (4,809)
Gas Mask Storage Bldg	M2 (SF)	232.26 (	2,500) 1,727 (401)
Badging Facility	M2 (SF)	139.35 (	1,500) 7,241 (1,009)
Non-contaminated Rocket Facilit	M2 (SF)	929.03 (	10,000) 14,736 (13,690)
Toxic Maintenance Bldg / Vehicle	M2 (SF)	1,091 (	11,744) 3,259 (3,556)
Warehouse	M2 (SF)	2,601 (	28,000) 1,997 (5,195)
Above Ground Magazines	M2 (SF)	2,230 (	24,000) 1,606 (3,581)
Igloos - Below Ground Magazines	M2 (SF)	1,115 (	12,000) 2,390 (2,664)
Fire Station	M2 (SF)	557.42 (	6,000) 1,912 (1,066)
BGAD Office Space	M2 (SF)	557.42 (	6,000) 1,433 (799)
IDS Installation	LS	--	-- (2,550)
Building Information Systems	LS	--	-- (547)
Total			105,127

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

process building, hydrolyzate storage tank area, a utility building with steam boilers and chilled water equipment; bulk chemical storage area, a personnel and maintenance facility with change rooms, maintenance storage, and medical treatment area; a combination maintenance/warehouse building; personnel support building, gas mask storage building, chemical analysis laboratory with filter system, entry control facility, treaty compliance office building, access road and access control point, access control building, badge building, munitions storage magazines, toxic maintenance building, munitions transportation equipment storage building, and a fire station. Features include blast containment doors and gates, room entrance airlocks, fire detection and suppression systems, cascade heating, ventilation, and air conditioning (HVAC), charcoal and HEPA air filtration systems, protective clothing area, toxic chemical resistive coatings and surfaces, and explosion-proof electrical components, and an intrusion detection system (IDS). Supporting facilities include utilities; electric service with an electrical substation; standby electric generators; security fencing and

1. COMPONENT	FY 2010	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			MAY 2009
3. INSTALLATION AND LOCATION			
Lexington-Blue Grass Depot, Kentucky			
4. PROJECT TITLE		5. PROJECT NUMBER	
Chemical Demil Stockpile Fac Ph X		67602	

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
lighting; paving, walks, curbs and gutters; storm drainage; information systems; fuel storage; and site improvements.

11. REQ: NONE ADQ'T: NONE SUBSTD: NONE

PROJECT: Design and construct an Assembled Chemical Weapons Alternatives approved toxic chemical agent munitions demilitarization facility. (New Mission)

REQUIREMENT: This project is required to demilitarize and dispose of the toxic chemical agents and munitions stored at the Blue Grass Army Depot (BGAD) Chemical Activity in a safe, environmentally acceptable manner. The Army submitted an implementation plan to Congress in March 1988 in response to a specific request which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Rockets and projectiles containing lethal chemical agents are stored in igloos at the installation. Some of these munitions are currently deteriorating at an accelerated rate. These munitions are of no strategic value but they must be safely stored and inspected so that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

IMPACT IF NOT PROVIDED: If the Chemical Agent Destruction Pilot Plant project is not provided, the Army will not comply with the congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to accumulate. The threat to the health of Depot employees and to the environment will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. This project is mandated by Congress and is exempt from preparation of an economic analysis. Joint Use Certification: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	SEP 2003
(b) Percent Complete As of January 2009.....	85.00
(c) Date 35% Designed.....	JUN 2010
(d) Date Design Complete.....	NO
(e) Parametric Cost Estimating Used to Develop Costs	
(f) Type of Design Contract: Design-build	

(2) Basis:

1. COMPONENT	FY 2010	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			MAY 2009
3. INSTALLATION AND LOCATION			
Lexington-Blue Grass Depot, Kentucky			
4. PROJECT TITLE		5. PROJECT NUMBER	
Chemical Demol Stockpile Fac Ph X		67602	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(a) Standard or Definitive Design: NO			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)			
(a) Production of Plans and Specifications.....			
(b) All Other Design Costs.....			
(c) Total Design Cost..... 0			
(d) Contract.....			
(e) In-house.....			
(4) construction contract Award..... APR 2006			
(5) construction start..... MAY 2006			
(6) construction completion..... SBP 2016			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated Or Requested</u>	<u>(\$000)</u>
Process Equipment	CAMD	2008	167,152
Process Equipment	CAMD	2009	122,010
Process Equipment	CAMD	2010	156,440
Process Equipment	CAMD	2011	175,517
Process Equipment	CAMD	2012	964,881
TOTAL			1,586,000

1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROGRAM				2. INTR MAY 2009			
3. INSTALLATION AND LOCATION Pueblo Chemical Depot Colorado		4. COMMAND US Army Materiel Command		5. AREA CONSTRUCTION COST INDEX 0.94					
6. PERSONNEL STRENGTH: PERMANENT STUDENTS SUPPORTED									
OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL									
A. AS OF 30 SEP 2009		1	1	317	0	0	0	994	1,213
B. END FY 2014		1	1	317	0	0	0	1,802	2,121
7. INVENTORY DATA (\$000)									
A. TOTAL AREA.....		9,257 ha		(23,121 AC)					
B. INVENTORY TOTAL AS OF 30 SEP 2008.....					1,786,578				
C. AUTHORIZATION NOT YET IN INVENTORY.....					786,756				
D. AUTHORIZATION REQUESTED IN THIS PROGRAM.....					0				
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....					0				
F. PLANNED IN NEXT THREE YEARS.....					0				
G. REMAINING DEFICIENCY.....					0				
H. GRAND TOTAL.....					2,573,334				
8. PROJECT APPROPRIATIONS REQUESTED IN THIS PROGRAM:									
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		ESTIM STATUS			
216		Chemical Demil Stockpile Pac Ph XI		92,500		05/2003 04/2007			
TOTAL				92,500					
9. FUTURE PROJECT APPROPRIATIONS:									
CATEGORY		PROJECT TITLE		COST (\$000)					
A. INCLUDED IN THE FOLLOWING PROGRAM (FY 2011) :		216		Chemical Demil Stockpile Pac Ph XII		46,829			
TOTAL				46,829					
B. PLANNED NEXT THREE PROGRAM YEARS : FY12 (\$11,794K)									
C. DEFERRED SUSTAINMENT, RESTORATION, AND MINERIALIZATION (SRM) :		N/A							
10. MISSION OR MAJOR FUNCTIONS:									
The mission of the Pueblo Chemical Depot is safe and secure storage, monitoring, and destruction of the chemical stockpile, and preparation of depot closure.									

DD FORM 1390
1 DEC 76

PREVIOUS EDITIONS MAY BE USED INTERMEDIATELY
UNTIL EXHAUSTED

PAGE NO.

1. COMPONENT NAME	FY 2010 MILITARY CONSTRUCTION PROGRAM	2. DATE MAY 2009
INSULATION AND LOCATION: Pueblo Chemical Depot, Colorado		
11. CONTAMINATING POLLUTION AND SAFETY DEFICIENCIES: A. AIR POLLUTION B. WATER POLLUTION C. OCCUPATIONAL SAFETY AND HEALTH (\$000) 0 0 0		

DD FORM 1390C
1 FEB 76

PREVIOUS EDITIONS MAY BE USED INTERMITTENTLY
UNTIL EXHAUSTED

PAGE NO.

1. COMPONENT NAME		FY 2010 MILITARY CONSTRUCTION PROGRAM			2. DATE MAY 2009	
3. INSTALLATION AND LOCATION Lexington-blue Grass Depot Kentucky		4. COMMAND US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX 0.91	
6. PERSONNEL STRENGTH:						
		PERMANENT	STUDENTS	SUPPORTED	TOTAL	
		OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL				
A. AS OF 30 SEP 2008	8	168	685	0	0	16
B. END FY 2014	17	430	564	0	0	16
						80
						489
						1,596
7. INVENTORY DATA (\$000)						
A. TOTAL AREA.....		5,966 ha	(14,594 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2008.....				1,142,237		
C. AUTHORIZATION NOT YET IN INVENTORY.....				0		
D. AUTHORIZATION REQUESTED IN THIS PROGRAM.....				0		
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....				0		
F. PLANNED IN NEXT THREE YEARS.....				0		
G. REMAINING DEFICIENCY.....				0		
H. GRAND TOTAL.....				1,142,237		
8. PROJECT APPROPRIATIONS REQUESTED IN THIS PROGRAM:						
CATEGORY PROJECT		PROJECT TITLE	COST (\$000)	DESIGN STATUS	START COMPLETE	
	216	Chemical Demil Stockpile Pac Pn X	54,041	09/2003	06/2010	
		TOTAL	54,041			
9. FUTURE PROJECT APPROPRIATIONS:						
CATEGORY		PROJECT TITLE	COST (\$000)			
A. INCLUDED IN THE FOLLOWING PROGRAM (FY 2011) :						
	216	Chemical Demil Stockpile Pac Pn XI	30,000			
		TOTAL	30,000			
B. PLANNED NEXT THREE PROGRAM YEARS : FY12 - FY14 (\$90,000K)						
C. EXPENSED STIPENDIUM, REGISTRATION, AND MERGERSATION (SRM) :						
N/A						
10. MISSION OR MAJOR FUNCTIONS:						
To operate a multi-purpose depot actively providing for the receipt, storage, issue and maintenance (OMSB) of assigned commodities; provide installation support to attached organizations; and operate such other facilities as may be assigned.						

1. COMPONENT AREA	FY 2010 MILITARY CONSTRUCTION PROGRAM	2. DATE MAY 2009								
INSULATION AND LOCATION: Lexington-Blue Grass Depot, Kentucky										
11. ONSITE/NEARBY POLLUTION AND SAFETY DEFICIENCIES: <table style="margin-left: 20px;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

DD FORM 1390C
1 FEB 76

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNLESS EXHAUSTED

PAGE NO.