

**FISCAL YEAR (FY) 2012  
BUDGET ESTIMATES**

**February 2011**



**CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

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**FISCAL YEAR (FY) 2012 BUDGET ESTIMATES  
CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

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**CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

**APPROPRIATION LANGUAGE**

**Fiscal Year 2012**

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), \$75,312,000 to become available on October 1, 2011 and to remain available until September 30, 2016.

**JUSTIFICATION OF FY 2012 BUDGET ESTIMATE SUBMISSION  
CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE**

**APPROPRIATION JUSTIFICATION**

(In Thousands of Dollars)	
FY 2012 Estimate	\$75,312
FY 2011 Budget	\$124,971
FY 2011 CR Adjustment	\$26,570
FY 2010 Actual	\$151,541

**Part I – Purpose and Scope**

This account provides funding for design and construction of full-scale chemical agent-destruction pilot plant 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 major milestones anticipated for the ACWA Program during FY 2011 are defined primarily for the construction phase as shown in Part III of this document.

This document provides justification for FY 2012 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, Defense appropriation.

The costs for facilities construction for each chemical agent-destruction pilot 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.

In 2008, Public Laws 110-116 and 110-181 mandated that the U.S. chemical weapons stockpile must be destroyed by the deadline established by the CWC and under no circumstances later than December 31, 2017. In response, DoD submitted the May 2009 Semi-Annual Report to Congress on progress toward destruction of the U.S. stockpile of lethal chemical agents and munitions. In that report, DoD stated its proposed plan to seek additional resources to (in part) “accelerate the ACWA program schedule toward completing destruction of an additional eight percent of the U.S. stockpile at Pueblo in 2017 and the remaining two percent of the U.S. stockpile at Blue Grass in 2021”.

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

#### **Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP):**

Stage 3 and Balance of Construction, Field Activities	January 2008 to FY 2012
- Agent Processing Building (APB) steelwork complete	December 2008
- Multipurpose Building construction complete	May 2009
- Enhanced Reconfiguration Building (ERB) steelwork complete	September 2009
- Prototype testing, Munitions Washout System (MWS) complete	
-- 155mm projectiles	August 2009
-- 105mm and 4.2inch projectiles/mortars	April 2010
- Complete construction, Control & Support Building	2nd Qtr FY 2011
- Complete construction, Laboratory	3rd Qtr FY 2011
- Complete construction, Biotreatment Area	1st Qtr FY 2012

**Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) (continued):**

- Complete construction, APB and ERB	3rd Qtr FY 2012
Systemization, award contract modification	December 2010
- Begin systemization, Biotreatment Reactors	1st Qtr FY 2012
- Begin systemization, Munitions Washout System	1st Qtr FY 2012
Systemization, Complete	4th Qtr FY15

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

Design Completion, Government Acceptance	July 2010
Main Plant and Balance of Construction, Field Activities	March 2008 to FY 2016
-Complete placement of Munitions Demilitarization Building (MDB) Horizontal concrete	July 2010
-Initiate construction, MDB vertical wall	September 2009
-Complete prototype testing, Metal Parts Treater	November 2009
-Complete prototype testing, Energetics Batch Hydrolyzer	March 2010
-Install Agent and Energetic Neutralization Reactor Systems	2nd Qtr FY 2011
-Install Energetics Batch Hydrolyzer	1st Qtr FY 2012
-Complete Laboratory Building	2nd Qtr FY 2012

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

The FY 2010, 2011, and 2012 resource levels required to support the following facilities are shown below:

<b>Locations/Facilities</b>	<b>FY 2010</b>	<b>FY 2011</b>	<b>FY 2012</b>
<b>Facilities Construction</b>	<b>Actual</b>	<b>Budget</b>	<b>Estimate</b>
KY, Blue Grass Chem Agent-Destruction Pilot Plant	59,041	59,402	59,974
CO, Pueblo Chem Agent-Destruction Pilot Plant	92,500	65,569	15,338
<b>Total Funded</b>	<b>151,541</b>	<b>124,971</b>	<b>75,312</b>

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2012  
 MILITARY CONSTRUCTION  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			NEW/ CURRENT
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	MISSION
		-----	-----	-----
Colorado	Pueblo Chemical Depot (AMC)			
67610	Chemical Demil Stockpile Fac Ph XIII	0	15,338	C
		-----	-----	
Subtotal Pueblo Chemical Depot		\$ 0	15,338	
* TOTAL ChemD FOR Colorado		\$ 0	15,338	
Kentucky	Blue Grass Army Dep Act (AMC)			
	Blue Grass Army Depot			
67605	Chemical Demil Stockpile Fac Ph XII	0	59,974	C
** TOTAL INSIDE THE UNITED STATES FOR ChemD		\$ 0	75,312	
Total Cost of New Mission Projects		(0)	\$ 0	
Total Cost of Current Mission Projects		(2)	\$ 75,312	
Total Cost of other line items		(0)	\$ 0	
Total Cost of FY 2012 ChemD Projects		(2)	\$ 75,312	

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1. COMPONENT		FY 2012		MILITARY CONSTRUCTION PROJECT DATA		2. FISCAL YEAR	
ARMY						FY 2011	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE				
Pueblo Chemical Depot Colorado			Chemical Demil Stockpile Pac Ph XIII				
5. PROGRAM ELEMENT		6. OBJECT CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)			
		216	67610	Auth	Approp	15,338	
9. COST ESTIMATES							
PRIMARY FACILITY	ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)		
Agent Processing Bldg		m2 (SP)	5,096 (	54,850)	16,075	254,348	
Enhanced Reconfiguration Bldg		m2 (SP)	3,328 (	35,825)	16,012	(81,911)	
Access Road		km (MI)	9.33 (	5.80)	1812111	(53,292)	
Control & Support / Maintenance		m2 (SP)	1,765 (	19,000)	12,273	(16,907)	
Multi-Purpose Bldg		m2 (SP)	2,546 (	27,400)	8,313	(21,664)	
Total from continuation page						(59,412)	
<b>SUPPORTING FACILITIES</b>							
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)	
<b>ESTIMATED CONTRACT COST</b>						364,228	
<b>CONTINGENCY (5.00%)</b>						18,211	
<b>SUBTOTAL</b>						382,439	
<b>SUPV, INSP &amp; OVERHEAD (5.70%)</b>						21,799	
<b>DESIGN/BUILD - DESIGN COST</b>						79,777	
<b>TOTAL REQUEST</b>						484,015	
<b>TOTAL REQUEST (ROUNDED)</b>						484,000	
<b>INSTALLED EQT-OTHER APPROP</b>						(472,000)	
10. Description of Proposed Construction Construct a Chemical Agent Destruction Pilot Plant facility complex using incremental appropriations. This complex is currently authorized \$484.0 million. The FY2012 budget request is for Increment XIII (PN 67610, \$15.338 million). Increment I (PN 17700, \$0 appropriation and \$261.0 million authorization) was approved in FY 1997, FY 2000, and FY 2003; 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 for an approved DAR project) was approved in FY 2008; Increment X (PN 67607 \$65.060 million) was approved in FY 2009; Increment XI (PN 67608 \$92.500 million) was approved in FY 2010, and Increment XII (PN 67609 \$65.569 million) was requested in FY 2011. FY12 is the last incremental funding year to meet the							

1. COMPONENT ARMY	PY 2012	MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2011
3. INSTALLATION AND LOCATION Pueblo Chemical Depot, Colorado			

4. PROJECT TITLE Chemical Demil Stockpile Fac Ph XIII	5. PROJECT NUMBER 67610
--	----------------------------

9. COST ESTIMATES (CONTINUED)		UNIT	COST
Item	UM (M/E)	QUANTITY	(\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>			
Bio Treatment Area	m2 (SP)	11,317 ( 121,815)	1,412 (15,976)
Utility Building	m2 (SP)	696.77 ( 7,500)	16,596 (11,564)
EDT/EDS Area	m2 (SP)	5,110 ( 55,000)	978.55 (5,000)
Access Control Point	m2 (SP)	942.78 ( 10,148)	4,789 (4,515)
Process Support Bldg	m2 (SP)	3,763 ( 40,500)	985.54 (3,708)
Lab/Lab Filter Bldg	m2 (SP)	687.48 ( 7,400)	4,922 (3,384)
Process Support Bldg Mods	m2 (SP)	613.16 ( 6,600)	4,162 (2,552)
Entry Control Facility	m2 (SP)	232.26 ( 2,500)	11,302 (2,625)
Agent Filter Area	m2 (SP)	4,045 ( 43,545)	532.17 (2,153)
Water Recovery/Brine Reduction	m2 (SP)	713.50 ( 7,680)	2,582 (1,842)
Munitions Storage Magazine	m2 (SP)	185.81 ( 2,000)	3,617 (672)
Energetics Storage Magazine	m2 (SP)	185.81 ( 2,000)	3,617 (672)
Munition Body Storage Bldg	m2 (SP)	867.90 ( 9,342)	771.99 (670)
IDS Installation	LS	--	-- (3,486)
Building Information Systems	LS	--	-- (593)
		Total	59,412

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
 authorized program amount of \$484.0 million. 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 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 lab; a waste storage building; a biotreatment area; and entry control facilities. Special features include blast doors, fire protection, a cascading heating, ventilation, a/c (HVAC) system with airlocks for agent containment, special air filtration, special personnel protective clothing area, toxic chemical resistive coatings and surfaces, explosion-proof elect fixtures, and an intrusion detection system (IDS). Supporting facilities include utilities; elect service with an elect substation; standby elect generators; security fencing and lighting; paving and surfacing, walks, curbs and gutters; storm drainage; information sys; and site improvements. Heating will be provided by a central system; a/c provided by self-contained units.

11. REQ:	NONE	ADDT:	NONE	SUBSTD:	NONE
PROJECT:	Construction a toxic chemical agent munitions demilitarization				



1. COMPONENT ARMY	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE FEB 2011
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3. INSTALLATION AND LOCATION

Pueblo Chemical Depot, Colorado

4. PROJECT TITLE

Chemical Demil Stockpile Pac Ph XIII

5. PROJECT NUMBER

67610

PROJECT: (CONTINUED)

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 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:

(a) Date Design Started.....	MAY 2003
(b) Percent Complete As Of January 2011.....	100.00
(c) Date 35% Designed.....	JUN 2005
(d) Date Design Complete.....	APR 2007
(e) Parametric Cost Estimating Used to Develop Costs	NO
(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

1. COMPONENT	2. DATE	
ARMY	FY 2012	FEB 2011
3. INSTALLATION AND LOCATION		
Pueblo Chemical Depot, Colorado		
4. PROJECT TITLE	5. PROJECT NUMBER	
Chemical Demil Stockpile Fac Ph XIII	67610	
12. SUPPLEMENTAL DATA: (continued)		
A. Estimated Design Data: (Continued)		
(4) Construction Contract Award.....	SEP 2002	
(5) Construction Start.....	OCT 2005	
(6) Construction Completion.....	MAR 2012	
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment	Procuring	Fiscal Year
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated Or Requested</u>
Process Equipment	CAMD	2008
Process Equipment	CAMD	2009
Process Equipment	CAMD	2010
Process Equipment	CAMD	2011
Process Equipment	CAMD	2012
	TOTAL	472,000
		Cost (\$'000)
		207,555
		83,086
		79,281
		73,124
		28,954

1. COMPONENT		FY 2012 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
ARMY					FEB 2011
3. INSTALLATION AND LOCATION		4. PROJECT TITLE			
Blue Grass Army Depot Kentucky		Chemical Demil Stockpile Pac ph XII			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$'000)		
	216	67605	Auth Approp		59,974
9. COST ESTIMATES					
ITEM	UN (M/E)	QUANTITY	UNIT COST	COST (\$'000)	
<b>PRIMARY FACILITY</b>					
Munitions Disposal Bldg	m2 (SF)	8,986 ( 96,720)	24,959	451,491 (224,272)	
Control and Support Bldg	m2 (SF)	3,437 ( 37,000)	12,457	(42,820)	
Filter Area	m2 (SF)	3,608 ( 38,840)	1,291	(4,658)	
Access Control Bldg	m2 (SF)	110.37 ( 1,188)	32,305	(3,565)	
Container Handling Bldg	m2 (SF)	1,823 ( 19,624)	5,834	(10,637)	
Total from Continuation page (165,539)					
<b>SUPPORTING FACILITIES</b>					
Electric Service	LS	--	--	112,607 (38,567)	
Water, Sewer, Gas	LS	--	--	(10,554)	
Steam And/or Chilled Water Dist	LS	--	--	(1,047)	
Paving, Walks, Curbs & Gutters	LS	--	--	(13,073)	
Storm Drainage	LS	--	--	(4,680)	
Site Imp(34,315) Demo( )	LS	--	--	(34,315)	
Information Systems	LS	--	--	(10,371)	
<b>ESTIMATED CONTRACT COST</b>					
CONTINGENCY (5.00%)					
SUBTOTAL					
SUPV, INSP & OVERHEAD (5.70%)					
DESIGN/BUILD - DESIGN COST					
TOTAL REQUEST					
TOTAL REQUEST (ROUNDED)					
INSTALLED BGT-OTHER APPROP					
(1,317,274)					
10. Description of Proposed Construction Construct a Chemical Agent Destruction Pilot Plant facility complex using incremental appropriations. The FY2012 budget request is for Increment XII PN 67605 (\$59.974 million). Previous appropriations are as follows: FY2000, Increment I, PN 21994 (\$0); FY2002 Increment II, PN 40845 (\$4.315 million); FY2003, Increment III, PN 47847 (\$10.3 million); FY2004 Increment IV, PN 50552 (\$16.632 million); FY2005 Increment V, PN 51027 (\$37.094 million); FY2006, Increment VI, PN 58391 (\$0) (FY06 RDTF funds (\$46.8 million) were authorized by Congress for MILCON 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); FY2010 Increment X PN 67602 (\$59.041 million), and Increment XI (PN 67604 \$59.402 million) was requested in FY2011. Anticipated future year increments are as follows: \$79,842 million for FY13, \$92.323 million for FY14, \$90.416 million for FY15, and finally \$11.269 million for FY16 which is expected to be the final funding increment. 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					



1. COMPONENT	FY 2012	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			FEB 2011
3. INSTALLATION AND LOCATION			
Blue Grass Army Depot, Kentucky			
4. PROJECT TITLE		5. PROJECT NUMBER	
Chemical Demil Stockpile Pac Ph XII		67605	

9. COST ESTIMATES (CONTINUED)			
Item	UM (M/E)	QUANTITY	Unit Cost (\$000)
<b>PRIMARY FACILITY (CONTINUED)</b>			
Utility Bldg	m2 (SF)	2,341 (	19,649 (46,002)
SCWO Bldg	m2 (SF)	2,471 (	22,853 (56,465)
Hydrolysate Storage Tank Area	m2 (SF)	2,775 (	5,097 (14,143)
Standby Diesel Generator Area	m2 (SF)	557.42 (	5,499 (3,065)
Personnel Maintenance Bldg	m2 (SF)	1,417 (	5,358 (7,591)
Personnel Support Bldg	m2 (SF)	2,165 (	2,157 (4,669)
Entry Control Facility	m2 (SF)	129.60 (	30,603 (3,966)
Modular Laboratory Bldg	m2 (SF)	704.20 (	9,181 (6,465)
Lab Filter Area	m2 (SF)	92.90 (	22,688 (2,108)
Maintenance Bldg	m2 (SF)	2,606 (	1,721 (4,486)
Gas Mask Storage Bldg	m2 (SF)	232.26 (	1,637 (380)
Badging Facility	m2 (SF)	139.35 (	4,101 (572)
Toxic Maintenance Bldg / Vehicl	m2 (SF)	1,073 (	4,660 (5,000)
Warehouse	m2 (SF)	2,601 (	1,214 (3,157)
Above Ground Magazines	m2 (SF)	2,230 (	615.70 (1,373)
Igloos - Below Ground Magazines	m2 (SF)	1,115 (	1,386 (1,545)
IDS Installation	LS	--	-- (3,689)
Building Information Systems	LS	--	-- (863)
Total			165,539

**DESCRIPTION OF PROPOSED CONSTRUCTION:** (CONTINUED)

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 process building, hydrolysate 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 2012 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY				FEB 2011
3. INSTALLATION AND LOCATION				
Blue Grass Army Depot, Kentucky			5. PROJECT NUMBER	
Chemical Demil Stockpile Pac Ph XII				67605
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)				
lighting; paving, walks, curbs and gutters; storm drainage; information systems; fuel storage; and site improvements.				
11. REQ:	NONE	ADDT:	NONE	SUBSTD:
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 2011.....	100.00		
	(c) Date 35% Designed.....			
	(d) Date Design Complete.....	JUN 2010		
	(e) Parametric Cost Estimating Used to Develop Costs	NO		
	(f) Type of Design Contract: Design-build			
(2) Basis:				

1. COMPONENT	PY 2012	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			FEB 2011

3. INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4. PROJECT TITLE

Chemical Demil Stockpile Fac Ph XII

5. PROJECT NUMBER

67605

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..... SEP 2016

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year	Appropriated Cost	
			Or Requested	(\$000)
Process Equipment	CAMD	2008		167,152
Process Equipment	CAMD	2009		122,010
Process Equipment	CAMD	2010		156,440
Process Equipment	CAMD	2011		143,675
Process Equipment	CAMD	2012		727,997
TOTAL				1,317,274

1. COMPONENT		FY 2012 MILITARY CONSTRUCTION PROGRAM				2. DATE	
ARMY						FEB 2011	
3. INSTALLATION AND LOCATION		4. COMMAND		5. ARRA CONSTRUCTION COST INDEX			
Pueblo Chemical Depot Colorado		US Army Materiel Command		0.96			
6. PERSONNEL STRENGTH:							
		PREVAILANT	STUDENTS		SUPPORTED		
		OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL	OFFICER	ENLIST CIVIL
A. AS OF 10 AUG 2010		1	1	345	0	0	0
B. END FY 2016		1	1	348	0	0	0
		1	1	348	0	0	1
							987
							1,338
7. INVENTORY DATA (\$000)							
A. TOTAL ARRA.....		9,357 ha		(23,121 AC)			
B. INVENTORY TOTAL AS OF 30 JUN 2010.....				1,513,686			
C. AUTHORIZATION NOT YET IN INVENTORY.....				1,754,756			
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.....				3,268,442			
8. PROJECT APPROPRIATIONS REQUESTED IN THIS PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		MISSION STATUS	
OIR NUMBER						START COMPLETE	
216		67610 Chemical Depot Stockpile Pac Ph XIII		15,338		05/2003 04/2007	
		TOTAL		15,338			
9. OTHER PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST (\$000)			
OIR							
A. INCLUDED IN THE FOLLOWING PROGRAM (FY 2013) :		NONE					
B. PLANNED NEXT THREE PROGRAM YEARS :		NONE					
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (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.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
A. AIR POLLUTION				0		(\$000)	
B. WATER POLLUTION				0			
C. OCCUPATIONAL SAFETY AND HEALTH				0			

1. COMPONENT		FY 2012 MILITARY CONSTRUCTION PROGRAM				2. DATE	
ARMY						FEB 2011	
3. INSTALLATION AND LOCATION		4. COMMAND		5. AREA CONSTRUCTION			
Blue Grass Army Depot Kentucky		US Army Materiel Command		COST INDEX			
				0.91			
6. PERSONNEL STRENGTH:							
		PERSONNEL	STUDENTS	SUPPORTED		TOTAL	
A. AS OF 10 AUG 2010		5	44	689	0	0	24
B. END FY 2016		5	44	604	0	0	24
							100
							356
							1,133
7. IMMINENT DATA (\$000)							
A. TOTAL AREA.....		5,906 ha		(14,594 AC)		1,167,518	
B. IMMINENT TOTAL AS OF 30 JUN 2010.....							
C. AUTHORIZATION NOT YET IN IMMINENT.....							
D. AUTHORIZATION REQUESTED IN THIS PROGRAM.....							
E. AUTHORIZATION INCLUDED IN FILLING PROGRAM.....							
F. PLANNED IN NEXT THREE YEARS.....							
G. REMAINING DEFICIENCY.....							
H. GRAND TOTAL.....						1,247,518	
B. PROJECT APPROPRIATIONS REQUESTED IN THIS PROGRAM:							
OUTSIDE PROJECT							
OOIE NUMBER	PROJECT TITLE	COST (\$000)	DESIGN STATUS	START COMPLETE			
216	Chemical Demol Stockpile Pac In XII	63,690	09/2003	06/2010			
TOTAL		63,690					
9. FUTURE PROJECT APPROPRIATIONS:							
OUTSIDE							
OOIE	PROJECT TITLE	COST (\$000)					
A. INCLUDED IN THE FOLLOWING PROGRAM (FY 2013) :							
216	Chemical Demol Stockpile Pac In XIII	79,842					
TOTAL		79,842					
B. PLANNED NEXT THREE PROGRAM YEARS :							
		262,581					
C. DEFERRED ESTABLISHMENT, RESTORATION, AND REHABILITATION (SRM) :							
		N/A					
10. MISSION OR MAJOR FUNCTIONS:							
To operate a multi-purpose depot actively providing for the receipt, storage, issue and maintenance (OWNERS) of assigned commodities; provide installation support to attached organizations; and operate such other facilities as may be assigned.							

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