FISCAL YEAR (FY) 2009
BUDGET ESTIMATES

February 2008

CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE

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PROGRAM ASSESSMENT

Chemical Demilitarization

The Chemical Demilitarization Program destroys the U.S. stockpile of chemical weapons. The United States has an obligation to destroy all such weapons under the Chemical Weapons Convention (CWC), which was entered into in 1997.

PERFORMING

Adequate

- **The program has destroyed over 15,552 tons overall since entry-into-force of the CWC.** All CWC treaty milestones have been met to date, including the destruction of former production facilities in January 2007 and the CWC 45% destruction milestone in June 2007.

- **The program has an excellent safety record.** Nonetheless, community concerns had delayed construction of plants. This resulted in increased costs and delayed the destruction of the chemical stockpile.

- **The program has developed annual destruction goals to guide its progress toward destroying the entire U.S. chemical weapons stockpile as close as practicable to the CWC 100% destruction deadline of April 2012.**

We are taking the following actions to improve the performance of the program:

- Expediting disposal of secondary waste by assessing alternative technologies or using off-site treatment to reduce cost, shorten schedules, make better use of equipment, and improve processing.

- Incentivizing the contractor to meet the extended CWC 100% destruction milestone with high safety and environmental standards, complete closure sooner and collaboratively reduce program risk

- Implementing and tracking performance measures, such as number of chemical agent exposures and releases, tons and percentage of treaty-declared chemical agent destroyed, program-wide recordable incidence rate and cost per ton of agent destroyed.

- Maintaining an Integrated Risk Management Program that stresses early risk identification, mitigation planning, and execution to minimize impacts on cost, schedule, performance, and safety.

This Chemical Demilitarization Program FY 2009 President's budget submission was formulated to achieve the long-term outcome of compliance with the Chemical Weapons Convention. Additionally, the budget request provides the necessary resources to support activities required to meet the program annual performance objectives of no chemical releases and zero exposures to ensure achieving the outcome of worker, public and environmental safety.

DEPARTMENT OF THE ARMY
BUDGET ESTIMATE SUBMISSION FOR FY 2009
CHEMICAL AGENTS AND MUNITIONS DESTRUCTION

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JUSTIFICATION OF FY 2009 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), $134,278,000 to become available on October 1, 2008 and to remain available until September 30, 2013.

JUSTIFICATION OF FY 2009 BUDGET ESTIMATE SUBMISSION
CHEMICAL DEMILITARIZATION CONSTRUCTION, DEFENSE

APPROPRIATION JUSTIFICATION

	(In Thousands of Dollars)
FY 2009 Estimate	$134,278
FY 2008 Budget	$104,176
FY 2007 Actual	$131,000

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 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. This document provides justification for FY 2009 financial requirements in support 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
Path Forward Redesign Concepts Approved	July 2005
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
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 4th Qtr FY 2008
Stage 1A Construction, Field Activities	October 2005 to June 2007
Stage 1B Construction Activities	August 2006 to October 2007
Stage 2 Construction, Field Activities Start	May 2007
Final Design, Government Acceptance	May 2007

Temporary Authorization Approval (TAA) for Stage 3 Construction[1]	1st Qtr FY 2008
Stage 3 and Balance of Construction, Field Activities[2]	2nd Qtr FY 2008 to FY 2013
Start Systemization Planning	3rd Qtr FY 2009

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

Systems Contract Award	June 2003
RCRA RD&D Permit Application Approval	September 2005
Begin Intermediate Design Effort	October 2004
Design Considerations (Cost Reduction)	January 2005 to December 2005
Intermediate Re-Design Completion	May 2006
On-Post Access Road & Earthwork Construction	May 2006 to May 2007
Final Process and Main Facilities Design, Government Acceptance	3rd Qtr FY 2008
Site Fencing (Channelization)	September 2006 to April 2007
Main Plant and Balance of Construction, Field Activities[3]	FY 2008 to FY 2015

[1] The Colorado Department of Public Health and Environment (CDPHE), the approving authority for the TAA has indicated its willingness to approve a temporary authorization request to allow Stage 3 construction to begin prior to approval of the Stage 3 permit modification request.

[2] During FY 2009 construction activity will continue on the Agent Processing Building (APB), Energetics Processing Building (ERB), and Control and Support Building (CSB). These are the key facilities required for disassembly and treatment of assembled chemical weapons at Pueblo Chemical Depot, CO.

[3] Horizontal construction of the Main Demilitarization Building (MDB) is scheduled for 2nd Qtr FY 2008 to 3rd Qtr FY 2009. Construction of the Control and Support Building (CSB) and MDB vertical construction are scheduled to start during 3rd Qtr FY 2009. The MDB and CSB along with the Supercritical Water Process Building (SPB) are the key facilities required for disassembly and treatment of assembled chemical weapons at Blue Grass Army Depot, KY.

Funded Financial Summary
(In Thousands of Dollars)

The FY 2007, 2008, and 2009 resource levels required to support the following facilities are shown below:

Locations/Facilities Facilities Construction	FY 2007 Actual	FY 2008 Budget	FY 2009 Estimate
KY, Blue Grass Army Depot - Defense Access Road	0	0	12,000
KY, Blue Grass Chem Agent-Disposal Pilot Plant	89,164	69,017	57,218
CO, Pueblo Chem Agent-Disposal Pilot Plant	41,836	35,159	65,060
Total Funded	131,000	104,176	134,278

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2009
MILITARY CONSTRUCTION
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION
Colorado		Pueblo Chemical Depot (AMC)			
	67607	Ammunition Demil Pac Incr X	0	65,060	N
		Subtotal Pueblo Chemical Depot	$ 0	65,060	
		* TOTAL ChemD FOR Colorado	$ 0	65,060	
Kentucky		Blue Grass Army Depot (AMC)			
	59801	Ammunition Demil Pac Incr IX	0	57,218	N
	64265	Defense Access Road - US 25	12,000	12,000	N
** TOTAL INSIDE THE UNITED STATES FOR ChemD			$ 12,000	134,278	

Total Cost of New Mission Projects	(3)	$ 134,278
Total Cost of Current Mission Projects	(0)	$ 0
Total Cost of other line items	(0)	$ 0
Total Cost of FY 2009 ChemD Projects	(3)	$ 134,278

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1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Pueblo Chemical Depot Colorado	Ammunition Demil Fac Incr X

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
78007A	216	67607	Auth Approp 65,060

9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				254,268
Agent Processing Bldg	m2 (SF)	5,096 (54,850)	16,075	(81,911)
Enhanced Reconfiguration Bldg	m2 (SF)	3,328 (35,825)	17,490	(58,212)
Access Road	km (MI)	9.33 (5.80)	1812111	(16,907)
Control & Support / Maintenance	m2 (SF)	1,765 (19,000)	12,273	(21,664)
Multi-Purpose Bldg	m2 (SF)	2,546 (27,400)	8,313	(21,162)
Total from Continuation page				(54,412)
SUPPORTING FACILITIES				109,880
Electric Service	LS	--	--	(43,215)
Water, Sewer, Gas	LS	--	--	(19,691)
Steam And/Or Chilled Water Dist	LS	--	--	(14,220)
Paving, Walks, Curbs & Gutters	LS	--	--	(11,294)
Storm Drainage	LS	--	--	(1,293)
Site Imp(17,946) Demo( )	LS	--	--	(17,946)
Information Systems	LS	--	--	(2,221)
ESTIMATED CONTRACT COST				364,148
CONTINGENCY PERCENT (5.00%)				18,207
SUBTOTAL				382,355
SUPV, INSP & OVERHEAD (5.70%)				21,794
DESIGN/BUILD - DESIGN COST				79,759
TOTAL REQUEST				483,908
TOTAL REQUEST (ROUNDED)				484,000
INSTALLED EQT-OTHER APPROP				(333,000)

10. Description of Proposed Construction

Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations. This Chem Demil Facility requires an authorization increase of $223.0 million above the current approved authorization of $261.0 million for a new total authorization of $484.0 million. The FY2009 budget request is for Increment X (PN 67607, $65.060 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 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, and Increment IX (PN 67606 $35.159 million) was approved in FY 2008. 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 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION

Pueblo Chemical Depot, Colorado

4. PROJECT TITLE	5. PROJECT NUMBER
Ammunition Demil Pac Incr X	67607

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Bio Treatment Area	m2	(SF)	11,317	(121,815)	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)
Energetics Storage Magazine	m2	(SF)	185.81	(2,000)	3,617	(672)
Munition Body Storage Bldg	m2	(SF)	867.90	(9,342)	771.99	(670)
IDS Installation	LS		--		--	(3,486)
Building Information Systems	LS		--		--	(593)
					Total	54,412

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

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	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		23 JAN 2008

3.INSTALLATION AND LOCATION

Pueblo Chemical Depot, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demil Fac Incr X	67607

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:

(a) Date Design Started	MAY 2003
(b) Percent Complete As Of January 2008	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

(4) Construction Contract Award: SEP 2002

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION	
Pueblo Chemical Depot, Colorado	
4. PROJECT TITLE	**5. PROJECT NUMBER**
Ammunition Demil Fac Incr X	67607

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... OCT 2005

(6) Construction Completion..... MAY 2013

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	2007	71,000
Process Equipment	CAMD	2008	76,000
Process Equipment	CAMD	2009	72,000
Process Equipment	CAMD	2010	64,000
Process Equipment	CAMD	2011	50,000
		TOTAL	333,000

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Blue Grass Army Depot Kentucky	Ammunition Demil Fac Incr IX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
78007A	216	59801	Auth Approp 57,218

9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				252,981
Munitions Disposal Bldg	m2 (SF)	8,986 (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)	14,090	(1,555)
Container Handling Bldg	m2 (SF)	1,823 (19,624)	1,765	(3,218)
Total from Continuation page				(105,127)
SUPPORTING FACILITIES				104,360
Electric Service	LS	--	--	(35,740)
Water, Sewer, Gas	LS	--	--	(9,780)
Steam And/Or Chilled Water Dist	LS	--	--	(971)
Paving, Walks, Curbs & Gutters	LS	--	--	(12,117)
Storm Drainage	LS	--	--	(4,338)
Site Imp(31,804) Demo( )	LS	--	--	(31,804)
Information Systems	LS	--	--	(9,610)
ESTIMATED CONTRACT COST				357,341
CONTINGENCY PERCENT (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				(436,000)

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 requires an authorization increase of $212.675 million above the current authorization of $279.325 million for a new total authorization of $492.0 million. The FY2009 budget request is for increment IX PN 59801 ($57.218 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 & E 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). 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

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4. PROJECT TITLE	5. PROJECT NUMBER
Ammunition Demil Fac Incr IX	59801

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Utility Bldg	m2	(SF)	2,341	(25,200)	10,134	(23,725)
SCWO Bldg	m2	(SF)	2,471	(26,596)	9,542	(23,577)
Hydrolysate Storage Tank Area	m2	(SF)	2,775	(29,869)	930.65	(2,582)
Standby Diesel Generator Area	m2	(SF)	557.42	(6,000)	2,888	(1,610)
Personnel Maintenance Bldg	m2	(SF)	1,417	(15,250)	3,126	(4,428)
Personnel Support Bldg	m2	(SF)	2,165	(23,300)	1,561	(3,380)
Entry Control Facility	m2	(SF)	129.60	(1,395)	7,561	(980)
Modular Laboratory Bldg	m2	(SF)	704.20	(7,580)	6,258	(4,407)
Lab Filter Area	m2	(SF)	92.90	(1,000)	6,144	(571)
Maintenance Bldg	m2	(SF)	2,606	(28,049)	1,845	(4,809)
Gas Mask Storage Bldg	m2	(SF)	232.26	(2,500)	1,726	(401)
Badging Facility	m2	(SF)	139.35	(1,500)	7,243	(1,009)
Non-Contaminated Rocket Facilit	m2	(SF)	929.03	(10,000)	14,736	(13,690)
Toxic Maintenance Bldg / Vehicl	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)	1,434	(799)
IDS Instalation	LS			--	--	(2,550)
Building Information Systems	LS			--	--	(547)
					Total	105,127

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

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

1.COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		23 JAN 2008

3.INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Demil Fac Incr IX	59801

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
electrical substation; standby electric generators; security fencing and lighting; paving, walks, curbs and gutters; storm drainage; information systems; fuel storage; and site improvements.

11. REQ: NONE ADQT: 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 2008	85.00
(c)	Date 35% Designed	
(d)	Date Design Complete	MAR 2008
(e)	Parametric Cost Estimating Used to Develop Costs	NO
(f)	Type of Design Contract: Design-build	

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4. PROJECT TITLE	5. PROJECT NUMBER
Ammunition Demil Fac Incr IX	59801

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(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.....	
(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 2013

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	2004	48,000
Process Equipment	CAMD	2005	50,000
Process Equipment	CAMD	2006	82,000
Process Equipment	CAMD	2007	187,000
Process Equipment	CAMD	2008	69,000
		TOTAL	436,000

Installation Engineer: Terry Stroschein, PE
Phone Number: 256 895 1419

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Blue Grass Army Depot Kentucky	Defense Access Road - US 25

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	851	64265	Auth 12,000 Approp 12,000

9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,000
Access Roads	LS	--	--	(12,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				12,000
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				12,000
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				12,000
TOTAL REQUEST (ROUNDED)				12,000
INSTALLED EQT-OTHER APPROP				(0)

10. Description of Proposed Construction

The project 'Widen US 25' will provide improvements to US 25 to insure adequate vehicle traffic flow for Department of Defense (DoD) generated traffic. The project will include widening approximately 1.0 mile of the existing two lane highway (US 25) to four lanes with turning lanes at appropriate locations. The road improvements affect US 25 from the intersection at KY 876 and continues through the intersection of Pumpkin Run Road. The cost estimate of $12.0M includes the construction, right-of-way acquisition, utility relocation, engineering and administrative costs associated with the project. Project was certified as important to National Defense for the 'Defense Access Road Program' in July 2006. Funds provided will be transferred to the Federal Highway Administration, which is responsible under Title 23 USC 210 for assuring proper execution of the work.

11. REQ: 1 m2 ADQT: NONE SUBSTD: 1 m2

PROJECT: Widen US 25 from KY 876 through Pumpkin Run Road, approximately one mile.

REQUIREMENT: This project is required to insure there will be an appropriate access route for DoD and contractor vehicles that must move material to and from the Depot and the Interstate (I-75) system. The improvements for US 25 are to support construction, operation and closure of the Blue Grass Chemical

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4. PROJECT TITLE	5. PROJECT NUMBER
Defense Access Road - US 25	64265

REQUIREMENT: (CONTINUED)
Agent Destruction Pilot Plant (BGCAPP) facility, currently scheduled during the 2008 through 2027 time frame. BGCAPP's mission is the safe destruction of the 40 year old Chemical Weapons stored at Blue Grass Army Depot (BGAD).
CURRENT SITUATION: The current highway system from Blue Grass Army Depot (BGAD) to the Interstate (I-75) is not adequate to meet the DoD requirement to support BGCAPP construction and operation. BGAD utilizes this same section of US 25 to ship munitions and other defense related materials. Currently, during peak periods of vehicle traffic use on US 25; vehicles are at a stand still for a distance of more than 2 miles as measured from KY 876 toward BGAD.
IMPACT IF NOT PROVIDED: The current situation will only become worse as BGCAPP construction begins. BGCAPP staffing during construction is expected to peak at approximately 900 personnel and a similar sustained staffing level is expected during operations Additionally, the US 25 route is the primary route to be used for the shipment of secondary waste materials resulting from operation of the BGCAPP facility. If this section of US 25 is not widened, the only alternative route would force BGCAPP to reroute secondary waste materials through the most populated areas of Richmond, Kentucky. Local government officials are on record as not being in favor of this option.
ADDITIONAL: The project has been identified with a Program element 78083D. The estimated construction start date of June 2009 and completion date of April 2011 for roadway widening assumes funding can be provided in early FY 2009. This project has been coordinated with the installation physical Security plan, and physical security measures have been addressed. The project has been coordinated with the Program Manager for Assembled Chemical Weapons Alternatives (ACWA) and their contractor. Kentucky Department of Highways (KDOH) is in the process of investing $75.2M in other adjacent road improvements that directly support BGCAPP and Blue Grass Army Depot. Specifically, Widen KY 52, Widen Duncannon Road and construct an interchange and create an intersection at Interstate 75 (I-75). This DAR project will be accomplished as part of other related KDOH projects.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... _____

(b) Percent Complete As Of January 2008..... .00

(c) Date 35% Designed..... _____

(d) Date Design Complete..... _____

(e) Parametric Cost Estimating Used to Develop Costs NO

(f) Type of Design Contract:

(2) Basis:

(a) Standard or Definitive Design: NO

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION

Blue Grass Army Depot, Kentucky

4. PROJECT TITLE	5. PROJECT NUMBER
Defense Access Road - US 25	64265

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

		($000)
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	
	(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.....	
(5)	Construction Start.....	JUN 2009
(6)	Construction Completion.....	APR 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Pueblo Chemical Depot Colorado	US Army Materiel Command (Installation Mgt Command - PARAM.TXEXREGION Reg	0.94

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2007	1	1	240	0	0	0	0	0	613	855
B. END FY 2013	1	1	322	0	0	0	0	0	1802	2,126

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	9,357 ha (23,121 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2007.....		1,714,770
C. AUTHORIZATION NOT YET IN INVENTORY.....		721,696
D. AUTHORIZATION REQUESTED IN THIS PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS.....		0
G. REMAINING DEFICIENCY.....		10,456
H. GRAND TOTAL.....		2,446,922

8. PROJECT APPROPRIATIONS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	67607	Ammunition Demil Fac Incr X	65,060	05/2003	04/2007
		TOTAL	65,060		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FOLLOWING PROGRAM (FY 2010) : 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:

	($000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		23 JAN 2008

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Blue Grass Army Depot Kentucky	US Army Materiel Command (Installation Mgt Command - PARAM.TXEXREGION Reg	0.91

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2007	4	47	708	0	0	0	16	66	491	1,332
B. END FY 2013	18	431	647	0	0	0	16	66	489	1,667

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	5,906 ha (14,594 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2007.....		1,097,366
C. AUTHORIZATION NOT YET IN INVENTORY.....		198,530
D. AUTHORIZATION REQUESTED IN THIS PROGRAM.....		12,000
E. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS.....		0
G. REMAINING DEFICIENCY.....		20,000
H. GRAND TOTAL.....		1,327,896

8. PROJECT APPROPRIATIONS REQUESTED IN THIS PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
216	59801	Ammunition Demil Pac Incr IX	57,218	09/2003	03/2008
851	64265	Defense Access Road - US 25	12,000		
		TOTAL	69,218		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FOLLOWING PROGRAM (FY 2010) : NONE		
B. PLANNED NEXT THREE PROGRAM YEARS : NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		N/A

10. MISSION OR MAJOR FUNCTIONS:

To operate a multi-purpose depot activity providing for the receipt, storage, issue, and maintenance (COMSEC) of assigned commodities; provide installation support to attached organizations; and operate such other facilities as may be assigned.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0

1. COMPONENT	FY 2009 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		23 JAN 2008

INSTALLATION AND LOCATION: Blue Grass Army Depot, Kentucky

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)

	($000)
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0