

Monthly Status Briefing

June 2009



Pueblo Chemical Agent-Destruction Pilot Plant

PCAPP
Pueblo Chemical
Agent-Destruction Pilot Plant

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION

Project Background



- **The Pueblo Chemical Agent-Destruction Pilot Plant (PCAPP) will safely destroy 2,611 tons of mustard agent in mortar rounds and artillery projectiles stored at the U.S. Army Pueblo Chemical Depot.**
- **Neutralization followed by biotreatment is the technology selected by the Department of Defense to destroy the Pueblo chemical weapons stockpile.**
- **The Program Manager, Assembled Chemical Weapons Alternatives (ACWA), headquartered at Aberdeen Proving Ground, Maryland is responsible for managing all aspects of the safe and environmentally sound destruction of the chemical weapons stockpiles in both Colorado and Kentucky.**
- **The Bechtel Pueblo Team, a partnership of Bechtel National, Inc.; Washington Demilitarization Company/URS; Parsons; and Battelle Memorial Institute, is the systems contractor selected to design, build, systemize, pilot test, operate and close PCAPP.**



Staffing

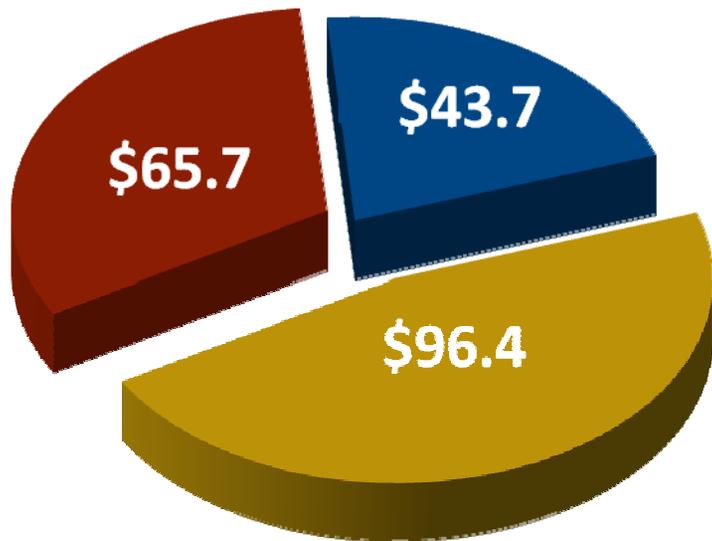
- **Bechtel Pueblo Team non-manual: 276**
 - Pueblo – 268 (92 local hires)
 - Other locations – 8
- **Construction Workers:**
 - Bechtel direct hire – 226
 - Subcontractor personnel – 21



Subcontract Awards

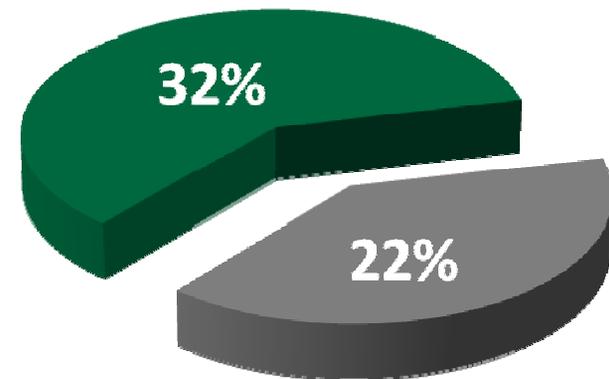
Inception to date, as of May 31

Total Awards in Millions



- Pueblo County Businesses
- Colorado Businesses (outside Pueblo County)
- Businesses Outside Colorado

Awards to Pueblo County and Colorado Businesses



- Pueblo County
- Colorado



Acquisition Awards Status

FY 2009 Upcoming Awards:

- **Subcontracts**
 - Piping Equipment and Heat Tracing
 - General Painting
 - Modular Medical Trailers

- **Materials**
 - Misc. Construction Materials
 - Gypsum Drywall
 - Belt Conveyers
 - Pumps
 - Pipe Supports



Construction Status - Complete

- Multipurpose building
- Underground infrastructure (utilities)
- Switch gear foundation pads
- Utility building structure
- Agent filtration area, filtration stack and pipe rack foundations
- Automated guided vehicle corridor – foundation, curbs/piers, structural steel
- Tank foundations
- Energetics service magazine corridor foundation



Construction Status – In Progress



- **Agent Processing Building** – misc. platform erection; siding and roofing, HVAC, cable tray, fire protection & process equipment
- **Enhanced Reconfiguration Building** – explosive containment and vapor control rooms rebar and formwork and structural steel
- **Pipe Rack** – vertical construction, pipe and cable tray
- **Biotreatment area pipe rack and brine tank containment walls**
- **Excavation, formwork, rebar for control support building, munitions service magazine corridor and entry control facility**
- **Field erected tanks** – process water, sanitary, fuel, hydrolysate, brine, sanitary and firewater
- **Utility building** – cable tray, HVAC



Public Chemical Agent
Destruction Plant Plant

OPSEC Complete 8 June 2009

PCAPP Site Overview



Northwestern Corner - Observation Point

- 1 Pipe Rack
- 2 Agent Processing Building
- 3 Automated Guided Vehicle Corridor
- 4 Enhanced Reconfiguration Building



Agent Processing Building



Construction continues on the Agent Processing Building.



Automated Guided Vehicle corridor



The automated guided vehicle corridor will transport munitions from the Enhanced Reconfiguration Building to the Agent Processing Building.

Visit to Anniston, Alabama



May 19, 2009

Colorado stakeholders view the testing of the Linear Projectile/Mortar Disassembly system at the Anniston Chemical Agent Disposal Facility. Steve Bragg, a project manager for URS/Westinghouse (third from left), explains the process.

Linear Projectile/Mortar Disassembly system



The LPMD system is currently being tested at the Anniston Chemical Agent Disposal Facility. Similar LPMD systems will be used to dismantle munitions at the Pueblo Chemical Agent-Destruction Pilot Plant.

Construction Site Tours



U.S. Sen. Mark Udall answers questions from the media on his tour of the PCAPP site on May 30. Pictured from left are Bechtel Project Manager Paul Henry; Senator Udall; PCAPP Site Project Manager Gary Anderson; and Lt. Col. Christopher Chesney, commander of the U.S. Army Pueblo Chemical Depot.

Pueblo Chemical Agent-Destruction Pilot Plant



PCAPP Final Design

