

# Monthly Status Briefing

*November 2008*



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 and artillery projectiles stored at the U.S. Army Pueblo Chemical Depot in Pueblo, Colorado.**
- **The technology selected by the Department of Defense to destroy the Pueblo chemical weapons stockpile is neutralization followed by biotreatment.**
- **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; Parsons; and Battelle Memorial Institute, is the systems contractor selected to design, build, systemize, pilot test, operate and close the PCAPP.**



# Staffing

- **Bechtel Pueblo Team non-manual: 226**
  - Pueblo – 195 (75 local hires)
  - Other locations - 31
- **Construction Workers:**
  - Bechtel direct hire – 208
  - Subcontractor personnel – 15



# Acquisition Awards Status



## Subcontracts Awarded by Bechtel Pueblo Team

### Total Awards - \$133.4 Million

- \$37.8 Million to Businesses in Pueblo County
- \$32.0 Million to Colorado Businesses (Outside Pueblo County)
- \$63.6 Million to Businesses Outside Colorado

### 52% of Awards to Pueblo County & Colorado Businesses

- 28% of Awards to Pueblo County
- 24% of Awards to Colorado Businesses (Outside Pueblo County)

As of 20 October 2008



# Acquisition Awards Status



## FY 2008 Upcoming Awards:

### ■ Subcontracts

- Survey and Balancing of HVAC system
- Supply & Install Construction Trailer
- Fireproof Coatings

### ■ Materials

- Misc. Construction Materials
- Air Compressors and Auxiliaries
- Belt Conveyers
- Pumps/Centrifugal (Standard)
- Pipe Supports



# Construction

## Complete

- **Multipurpose Building - foundation, shell, siding, roof and site underground utilities**
- **Underground infrastructure – electrical duct bank, fire & potable water, natural gas**
- **Utility Building – foundation and air handling unit pad**
- **Enhanced Reconfiguration Building – foundation footers and piers**



# Construction Status

## In Progress

- **Agent Processing Building** – structural steel erection, foundation & base slab installation (3,400 cubic yards of concrete placed, out of 5,500); structural steel delivered; 4 large tanks set
- **Enhanced Reconfiguration Building** – grade slab
- **Pipe Rack** – vertical construction and pipe installation
- **Automated Guided Vehicle Corridor** – foundation, curbs and piers
- **Underground Electrical Distribution System** – pulling medium voltage cable for the power supply
- **Assembly of Cooling Tower Units**
- **Utility Building** – foundation & air handling units
- **Multi-Purpose Building** – electrical, HVAC, fire protection, plumbing an architectural



# Agent Processing Building



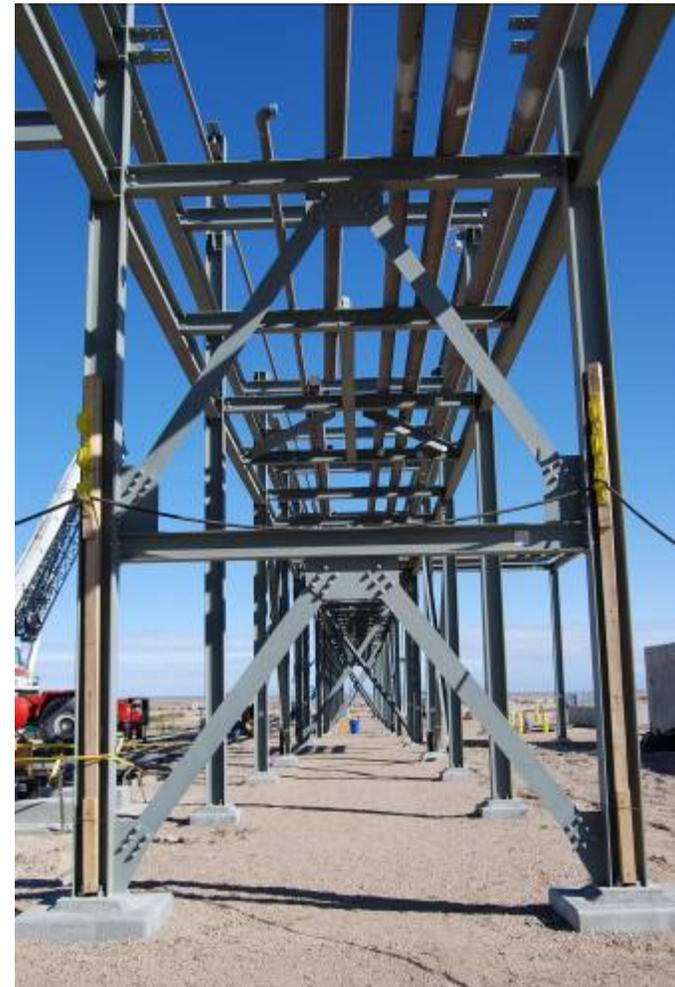
The 65,000 square foot Agent Processing Building where the chemical agent will be neutralized, is a hub of activity as structural steel starts to enclose its four large vessels and tanks.



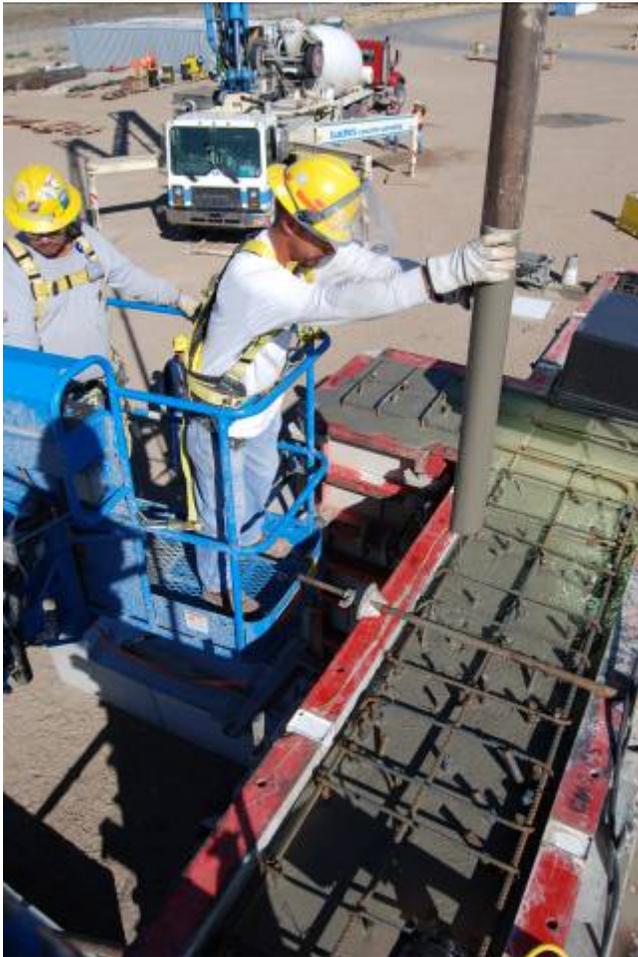
# Pipe Rack



The structural steel of the pipe rack system continues to expand around the construction site. The pipes, which connect various processing buildings, are run above ground to allow for ease of inspection, maintenance and repair. At right, the pipe rack is set in place for the Automated Guided Vehicle corridor.



# Mock Wall Concrete Placement



**Bechtel construction workers place Self-Consolidating Concrete (SCC) inside a mock wall to test its flowability. SCC will be used within the walls of the Explosives Containment Room of the Enhanced Reconfiguration Building.**

# Stage III Permit Modification



**On Oct. 17 the State of Colorado approved a permit modification to the final stage of a three-stage permit. After a 30-day waiting period, the state will give the green light to build the main processing facilities.**



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# Stakeholder Site Tours

September 29, 2008

PCAPP Construction Tour

(left to right)

- **Gary Anderson, PCAPP Site Project Manager**
- **Lt. Col. Christopher Chesney, Pueblo Chemical Depot Commander**
- **John Cordova, Pueblo County Commissioner**
- **Ed Snatchko, Bechtel Construction Manager**



# Pueblo Chemical Agent-Destruction Pilot Plant

