

# Monthly Status Briefing

*April 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

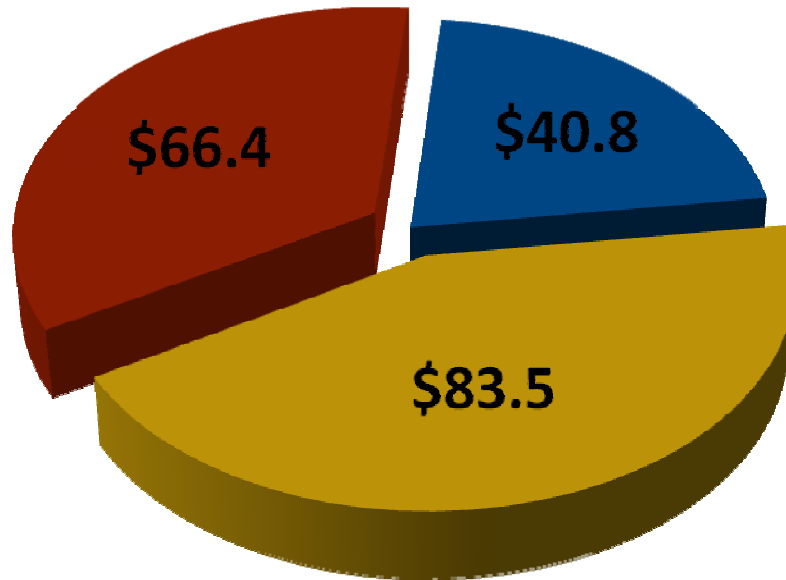
- **Bechtel Pueblo Team non-manual: 262**
  - Pueblo – 255 (84 local hires)
  - Other locations – 7
- **Construction Workers:**
  - Bechtel direct hire – 172
  - Subcontractor personnel – 37



# Subcontract Awards

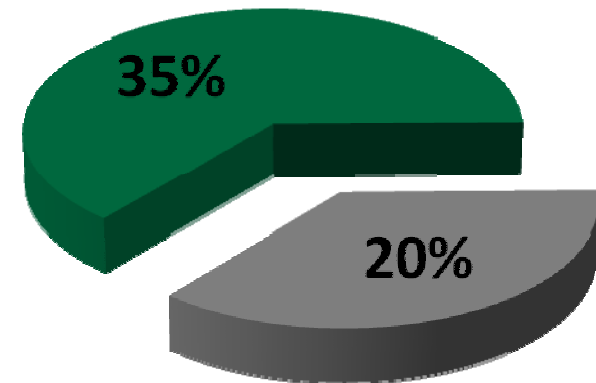
Inception to date, as of March 31

### 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 - foundation, shell, siding, roof and site underground utilities
- Underground infrastructure
- Switch Gear Foundation Pads
- Agent Filtration Area, Filtration Stack and pipe rack foundations
- Automated Guided Vehicle Corridor – foundation, curbs & piers
- Tank foundations, all eight complete



# Construction Status

## In Progress

- **Agent Processing Building – misc. platform erection; siding and roofing**
- **Enhanced Reconfiguration Building – explosive containment room foundation, rebar placement and structural steel**
- **Pipe Rack – vertical construction, pipe and cable tray**
- **Biotreatment Area pipe rack**
- **Excavation for Control Support Building, Munitions Service Magazine and Energetics Service Magazine corridors**
- **Field erection – process water, sanitary and firewater tanks**



# 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



**The Munitions Treatment Unit is now in place in the Agent Processing Building.**



# Enhanced Reconfiguration Building



**Structural steel is being erected for the Explosive Containment Rooms.**

# Voluntary Protection Program



On February 18, the PCAPP project was recognized by the U.S. Dept. of Labor Occupational Safety and Health Administration for receiving Star Status—the highest level of safety recognition—in their Voluntary Protection Program.

# Pueblo Chemical Agent-Destruction Pilot Plant



**PCAPP Final Design**

