



Blue Grass Chemical Agent-  
Destruction Pilot Plant

***February 2007***

**A Partnership for Safe Chemical Weapons Destruction**

# **Monthly Status Briefing**

**Blue Grass Chemical Agent-Destruction Pilot Plant**



# Project Background

## A Partnership for Safe Chemical Weapons Destruction

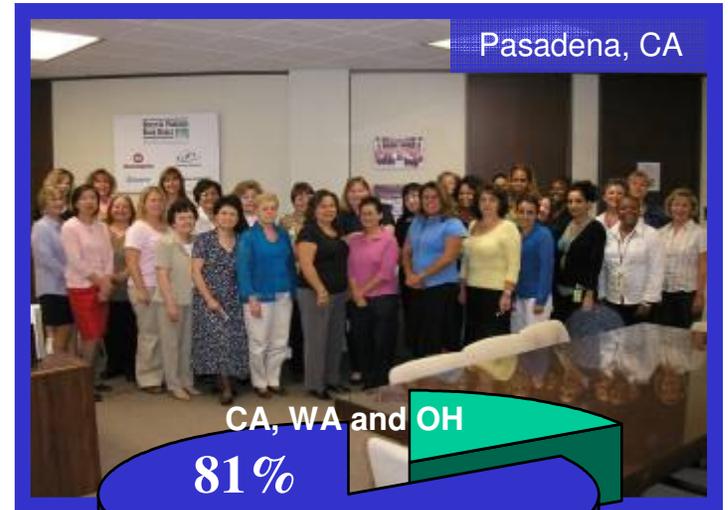
- **The Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) will safely destroy 523 tons of chemical agent in rockets and artillery projectiles stored at the Blue Grass Army Depot in Richmond, Kentucky.**
- **The technology selected by the Department of Defense to destroy the Blue Grass chemical weapons stockpile is neutralization followed by Super Critical Water Oxidation (SCWO).**
- **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 Kentucky and Colorado.**
- **The Bechtel Parsons Blue Grass Team, a joint venture of Bechtel National, Inc. and Parsons Infrastructure and Technology Group, along with teaming partners Washington Demilitarization Company, Battelle Memorial Institute, General Atomics and General Physics, is the systems contractor selected to design, build, systemize, pilot test, operate and close the BGCAPP.**



# Current Project Staffing

## A Partnership for Safe Chemical Weapons Destruction

- **Bechtel Parsons Blue Grass Team currently employs 418 personnel located as follows:**
  - **Richmond, KY: 66 (14 local hires)**
  - **Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 352**
- **Subcontractor construction workers on site: 10 - 18 each day**
- **As of 31 January 2007, BGCAPP employees have worked more than 1.8 Million job hours without a lost-time injury**





# Acquisitions

**A Partnership for Safe Chemical Weapons Destruction**

**As of 31 January 2007:**

- **Total Awards- \$20,850,000**
  - **\$20,400,000 to Local Businesses (Madison & surrounding counties)**
  - **\$50,000 to Kentucky Businesses outside the Local area**
  - **\$400,000 to Businesses outside Kentucky**
  
- **97.3% of Awards went to Kentucky Firms**
  - **97.1% Local Spend (Madison & surrounding counties)**
  - **.2% Regional Spend (in KY, outside Local area)**





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# Forecast Acquisitions

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## **Recent Awards**

**Roadway Lighting, Electrical Equipment and  
Telecommunications Cabling - T.E.M Electric, Lexington, KY**

## **Forecast Awards (near term)\***

- **138kV Main Substation and Poles**
- **Access Control Building Inspection Canopy**
- **Maintenance Building**
- **Personnel Support Building**
- **Badging Facility**
- **Various Construction Support Services**

**\*Contingent upon receipt of an authorizing Notice to Proceed from  
the Government to perform the work**



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# Construction Update

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## Work in Process

- **Access road and earth work**
  - Major cut and fill operations complete
  - Concentrating on Concrete placements
  - Contract currently 80% complete, awaiting warmer weather
  
- **Perimeter Fencing**
  - Approximately 80% of poles have been installed on perimeter
  - Approximately 59% of fabric has been installed
  
- **Roadway Concrete**
  - Mobilization complete
  - Concrete placement approx. 8% complete
  - Total task approximately 11% complete





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# Current Construction

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**Installation of perimeter fencing**



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# Current Construction

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**Filling and compacting electrical duct bank trenches**



# Upcoming Construction

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## Work Starting in February

- **Roadway Lighting, Electrical Equipment and Telecommunications**
- **Access Control Building**
- **Pop-up Barrier**



February 2007

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     |     |     |     |
| 1   | 2   | 3   | 4   | 5   | 6   | 7   |
| 8   | 9   | 10  | 11  | 12  | 13  | 14  |
| 15  | 16  | 17  | 18  | 19  | 20  | 21  |
| 22  | 23  | 24  | 25  | 26  | 27  | 28  |
| 29  | 30  | 31  |     |     |     |     |

**Future work at site dependent on availability of Government funding**



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