



*June 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

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- **Bechtel Parsons Blue Grass Team currently employs 403 personnel located as follows:**
  - **Richmond, KY: 77 (14 local hires)**
  - **Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 326**
- **Subcontractor construction workers on site: 18 - 22 each day**
- **As of 31 May 2007, BGCAPP employees have worked more than 1.99 million job hours without a lost-time injury**



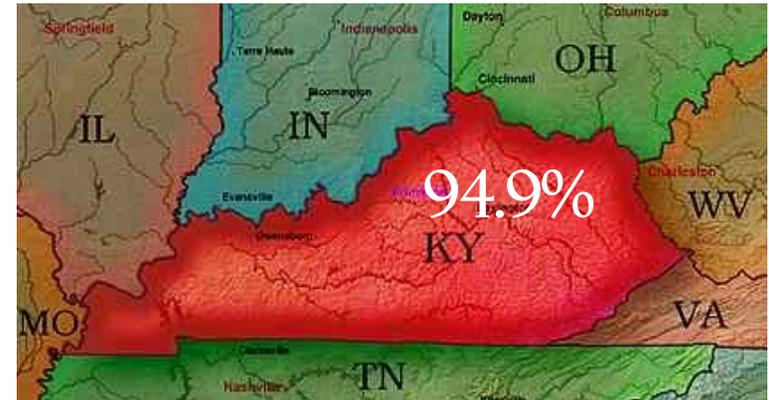


# Acquisitions for Construction

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As of 31 May 2007:

- Total Awards- \$21,835,000
  - \$20,600,000 to Local Businesses (Madison & surrounding counties)
  - \$138,000 to Kentucky Businesses outside the Local area
  - \$1,097,000 to Businesses outside Kentucky
- 94.9% of Awards went to Kentucky Firms
  - 94.3% Local Spend (Madison & surrounding counties)
  - 0.6% Regional Spend (in KY, outside Local area)





# Forecast Acquisitions for Construction

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## 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 & Materials
  - Construction trailers
  - Bulk supply of pipe and pipe fittings
  - Bulk supply of electrical conduit and fittings
  - Construction industry supplies
  - Structural steel
  - Construction equipment rentals
  - Construction tools

\* **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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## Awarded Subcontracts

### ■ Phase 1

- 1.8 mile Access Road (97% complete)
- Site preparation and rough grading (100% complete)

### ■ Phase 2A

- Roadway concrete/ACB potable water & sewer (100% complete)
- Perimeter fencing (100% complete)
- ACB electrical power and roadway (27% complete)
- Access Control Building (mobilized June)
- Active security vehicle barrier (mobilized June)



# Construction Update (continued)

## A Partnership for Safe Chemical Weapons Destruction

- **Phase 2B – Limited Notice to Proceed May 2007**
  - Subcontracts
    - Badging Facility
    - Access Control Building Canopy
    - Personnel Support Building
    - Maintenance Building
  
  - Purchase Orders for Material with BGCAPP Direct Hire craft labor
    - Underground Utilities
      - Storm Drainage
      - Sanitary Sewer
      - Underground Electrical Duct banks/Lighting/Grounding
      - Underground Utilities - FW/PW/NG
      - Field Support/Distrib



# Construction Update (continued)

## A Partnership for Safe Chemical Weapons Destruction

- **Phase 3 – Target July 2007 \***
  - 138 KVa Main Power Substation
  - MDB Horizontal Concrete Material (Rebar/Embeds/Formwork)
  - Long Lead Electrical Equipment
  
- **Phase 4 – Target February 2008 \***
  - MDB/CSB Direct Hire Craft Labor
  - Permanent Plant Equipment
  - Additional Field Distribs

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



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# What is a Field “Distrib”?

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- **Local Goods & Services to setup and maintain Construction Jobsite**
- **Examples**
  - Construction Trailers of various sizes (single, double, and triple wide)
  - Communication equipment (radios, cell phones)
  - Ice & Portable toilet Services
  - Large Cargo Storage Vans
  - Bulk supplies of Pipe and Pipe Fittings
  - Bulk supplies of Electrical Conduit and Fittings
  - Construction Equipment rentals (cranes, forklifts, manlifts)
  - Jobsite Trucks/Utility Vehicles
  - Construction Tools (saws, grinders, drills, welding machines)
  - Medical Services
  - Concrete and Welding Testing Services
  - Aggregate (crush stone, sand, topsoil)
  - Structural Steel Shapes (flat Bar, round bar, tube steel)
  - Construction Gases (oxygen, acetylene, argon)
  - Fuel and Lubricants (diesel and kerosene)
  - Construction Industrial supplies
  - Rigging equipment (slings)
  - Office Equipment (desks, chairs, filing cabinets, copiers)
  - Safety equipment
  - Lumber

# Current Construction

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## The Allen Company - Site Plant Access Road



**Final Asphalt Surface and Road Striping**



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# Current Construction

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## Bluegrass Contracting - ACB Auto Inspection Roadway Concrete



**Concrete Saw Cutting Operation**



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# Current Construction

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## Bluegrass Contracting - Site Perimeter Fence



**BGCAPP Field Engineer Performing Final Inspection**



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# Current Construction

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## Access Control Building Main Power Run



**TEM Electrical – Installing Conduit for Electrical Panel**



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# Current Construction

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## A1 Portable - Construction Trailer



## Delivery and Installation 60 ft x 60 ft Construction Trailer



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# Current Construction

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## New Work Started:

- Design and fabrication of Access Control Building by Intersteel, Inc. lower-tier subcontractor
- Design and fabrication of Vehicle Control Barrier by Armada, LTD





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