



Blue Grass Chemical Agent-  
Destruction Pilot Plant

*January 2008*

**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

- As of 31 December 2007, Bechtel Parsons Blue Grass employees have worked more than **2 million job hours** without a lost-time injury
- Bechtel Parsons Blue Grass Team currently employs 283 non-manual personnel located as follows:
  - Richmond, KY: 104 (22 local hires)
  - Pasadena, CA; Pasco, WA; Columbus, OH and San Diego, CA: 179
- Subcontractor and Direct Hire construction workers on site: 75-80 each day and growing





# Acquisitions

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As of 31 December 2007:

	<b>Construction</b>		<b>Project Total</b>	
Total Awards	\$44,146,794		\$50,778,293	
Awards to Local Businesses	\$25,465,325	57%	\$26,060,116	51%
Kentucky Businesses Outside Local Area	\$2,524,176	6%	\$2,675,051	5%
Businesses Outside Kentucky	\$16,157,292	37%	\$22,043,126	43%
<b>Total Awards to Kentucky Businesses</b>	<b>\$27,989,501</b>	<b>63%</b>	<b>\$28,735,167</b>	<b>56%</b>



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# Construction

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## Work completed

- Roadway Concrete/ACB Potable Water & Sewer
- Perimeter Fencing
- Access Road
- Active Security Vehicle Barrier
- Access Control Building and Associated Utilities
- Temporary electrical substation
- Craft Change House



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# Construction

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## Work in progress or starting soon

- Installation of Underground Utilities
- Fire Water System excavation and installation
- Storm drain excavation
- Personnel Support Building - Subcontractor Futron, Inc. mobilized
- Maintenance Building - Subcontractor WG&T Builders mobilized



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# Current Construction

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## Storm Water Control System



**Installation of the storm water control system continued during December despite snow and cold.**



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# Current Construction

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## Fabricating reinforcing steel



The “craft change house” building provides a sheltered work area for ironworkers fabricating reinforcing steel supports.



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# Current Construction

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**Concrete is placed around electrical conduits during installation of "duct banks" under the plant site**



# Access Control Building Begins Operation January 12

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Bechtel Parsons Blue Grass Construction Coordinator Tom Mitchell (right) turns over ACB keys to (from left) security guards Gary Smith, Sgt. Kevin Butler and Lt. Greg Vanover.



Intersteel, Inc., of Richmond, Kentucky was the subcontractor for the ACB, a modular structure.





# New Office Space For Engineering Staff Relocating From Pasadena

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**Current  
Richmond  
Project Office**



**New Space  
White House Clinic  
Building**



**New Space  
Commercial Drive**



