RICHARD BROWN
UPF Procurement Director

CONSTRUCTION OPPORTUNITIES CONFERENCE
February 28, 2013
Y-12: America’s Uranium Center of Excellence
9212 The Nation’s Warhorse

Y-12 NATIONAL SECURITY COMPLEX

1945
9212 The Nation’s Warhorse

Y-12 National Security Complex

2013
The Nation’s New Uranium Processing Facility
UPF’s Diverse Uranium Missions

- Disassembly/Dismantlement
- Weapons Surveillance
- Nuclear Nonproliferation
- Stockpile Refurbishments
- Medical Isotopes
- Naval Reactors
- Nuclear Power
Capital Investments in the Region

Y-12 UPF
Nissan
Wacker Chemie
ORNL SNS
Hemlock Semiconductor
Ford Motor Company
UPS Worldport
Volkswagen
Alstom
Toyota Alabama
Ratheon Missile Integration Facility
Toyota Kentucky
Poised for the Field
UPF Cost Breakdown

- Engineering: 19%
- Other Non Manual: 9%
- Construction: 12%
- Construction Subcontracts: 18%
- Material/Equipment: 42%

Colors:
- Construction: 12%
- Other Non Manual: 9%
- Engineering: 19%
- Material/Equipment: 42%
- Construction Subcontracts: 18%
UPF Procurement Needs

Tier I
Engineered Equipment 27%

Tier II
Custom Fabrication 16%

Tier III
Standard Materials & Major Bulks 30%

Tier IV
Minor Bulks & Consumables 27%

$1.6B–$2.8B Materials & Equipment
Widespread Interest in Becoming a UPF Supplier

- Cities represented = 349
- Cities awarded contracts = 10

Companies represented per state:

- Alabama ............ 13
- Alaska ............... 1
- Arizona ............. 3
- Arkansas ............ 0
- California ........... 12
- Colorado ............ 14
- Connecticut ......... 7
- D.C., Wash. ......... 1
- Delaware ............ 2
- Florida ............. 10
- Georgia ............ 39
- Hawaii ............... 0
- Idaho ................ 5
- Illinois ............. 10
- Indiana .............. 5
- Iowa .................. 0
- Kansas ............... 1
- Kentucky .......... 16
- Louisiana .......... 3
- Maine ............... 2
- Maryland .......... 5
- Massachusetts .... 1
- Michigan .......... 11
- Minnesota .......... 9
- Mississippi ........ 1
- Missouri .......... 8
- Montana ............ 0
- Nebraska .......... 4
- Nevada ............. 1
- New Hampshire .... 1
- New Jersey .......... 5
- New Mexico ......... 7
- New York .......... 8
- North Carolina .... 29
- Ohio ................. 18
- Oklahoma .......... 2
- Oregon ............. 2
- Oregon .......... 2
- Pennsylvania ....... 23
- Rhode Island ....... 2
- South Carolina .... 20
- South Dakota ...... 0
- Tennessee .......... 404
- Texas ............... 21
- Utah ................. 6

TOTAL .............. 782

Y-12 NATIONAL SECURITY COMPLEX
UPF Tennessee Subcontractors

Cities represented = 60
Cities awarded contract = 2
- Oak Ridge = 7 contracts
- Knoxville = 8 contracts
Companies represented = 404
Procurement Schedule

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Peak of the project

Y-12 NATIONAL SECURITY COMPLEX
UPF Procurement Actions

- SITE (Subcontracts)
  - Electrical Demo - AWARDED
  - Spoils - AWARDED
  - Relocate Bear Creek Road (USACE)
  - Building Demolition
  - Caisson Drilling
  - Concrete Batch Plant
  - Electrical Phase 2
  - Jack & Bore
  - Monitoring Wells
  - Geological Testing
  - West Barrow

- Portal 19
- Standard Penetration Testing
- Fire Protection
- Fire Proofing
- Insulation
- Painting and Coating
- HVAC
- Cooling Towers
- Siding and Roofing
- Administration Building
- Process Support Facility
- Asphalt Paving
UPF Procurement Actions

- SITE (Non-Permanent)
  - Construction Trailers (OUT TO BID)
  - Warehouse Upgrade
  - Safety Supplies
  - Janitorial Supplies
  - Safely Supplies
  - Small Tools
  - Construction Equipment
  - Tower Cranes
  - Modular Offices
Upcoming Procurement Solicitations

- FACILITY
  - Electrical Bulks
  - Embeds
  - Fasteners
  - Formwork
  - Piping Bulks
  - Rebar
  - Structural Steel
  - Vehicle Arresting System
  - Pipe Spooling
Upcoming Procurement Solicitations

- PROCESS EQUIPMENT
  - Electric Oxide Furnace
  - Electric Tube Conversion Furnaces
  - Microwave Casting Furnaces
  - Vacuum Annealing Furnace
  - Bottom Loading Furnace
  - Flex Tube Conversion Furnace
  - Gloveboxes
  - Low-Equity Calciner
  - Process Skids
  - Scrubbers
  - Hydraulic Break Shear Press
  - Centrifuges
  - Caliciner
  - Phase Separators and Coalescers
How Do Vendors Sign Up??

- Register:  
  http://supplier.bechtel.com

- Look for the latest procurements:  
  http://www.y12.gov

- Check out FedBizOpps’ website:  
  https://www.fbo.gov
Procurement Questions:

• Equipment:
  Elaine Najmola
  865-241-0818
  najmolame@y12.doe.gov

• Construction:
  Ralph Helton
  865-576-9097
  heltonrs1@y12.doe.gov

• Y-12 Small Business Program:
  Lisa Copeland
  865-241-2090
  Copelandl@y12.doe.gov

• Other:
  865-574-0079
  upfprocurement@y12.doe.gov