



UCOR SMALL BUSINESS FORUM

April 26, 2016





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Welcome





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Safety Topic





UCOR SAFETY CULTURE





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Opening Remarks

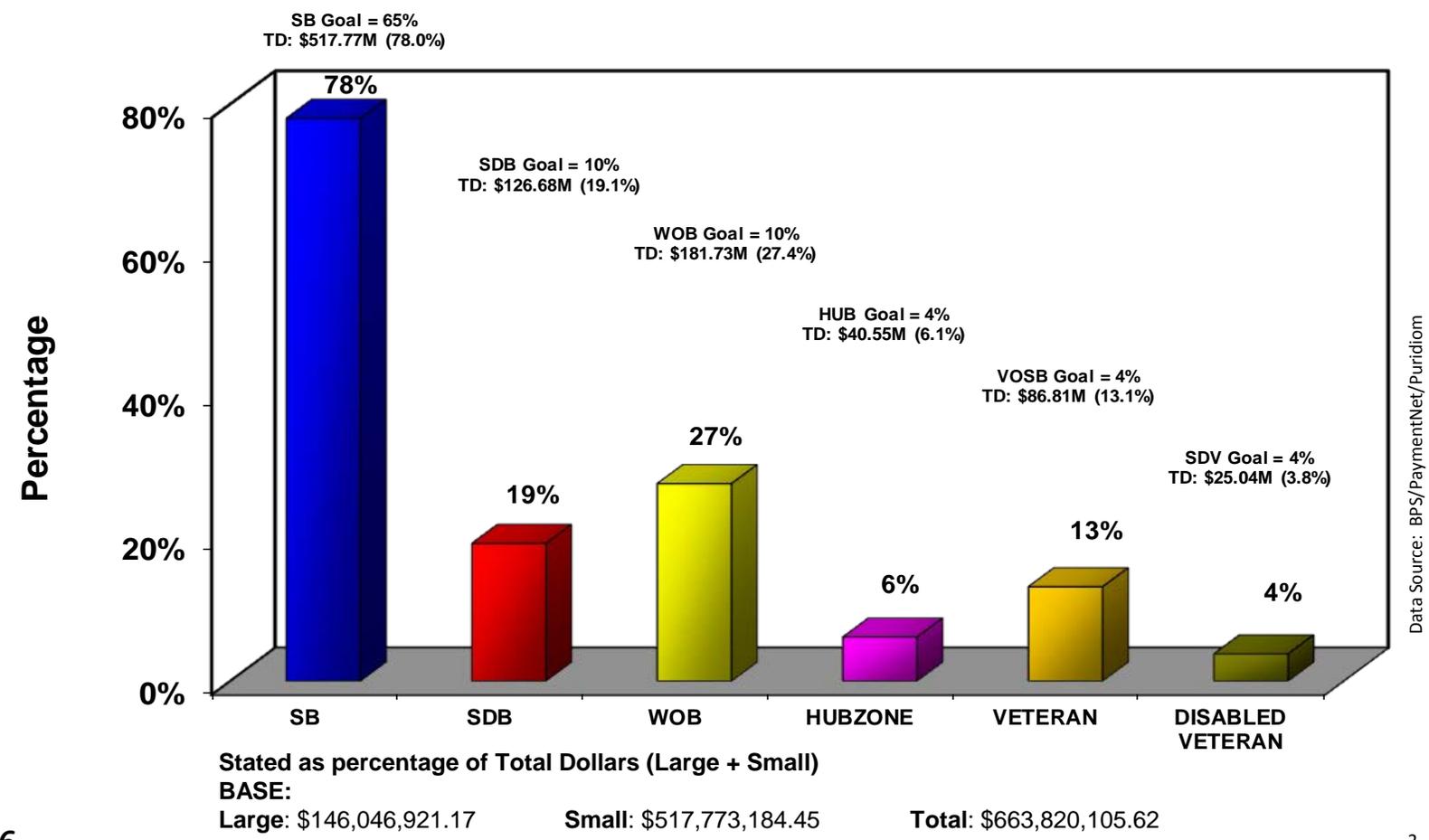




SMALL BUSINESS STATISTICS – MARCH 2016 “CONTRACT TO DATE”

8/1/2011 - 3/31/2016

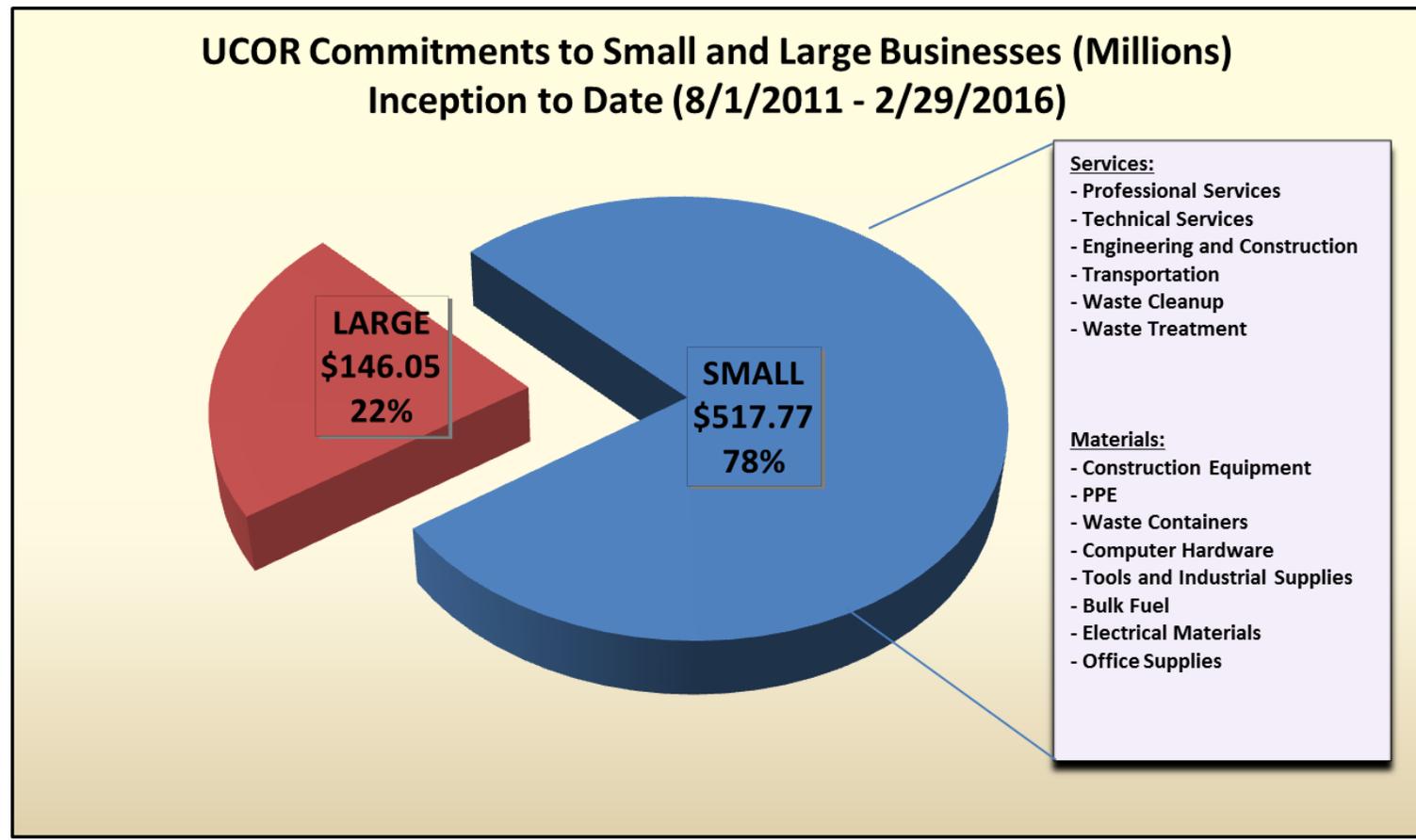
- Percent Subcontract Dollars Placed in Socioeconomic Firms





SMALL BUSINESS STATISTICS – FEBRUARY 2016 “CONTRACT TO DATE”

- Percent Subcontract Dollars Placed in Socioeconomic Firms



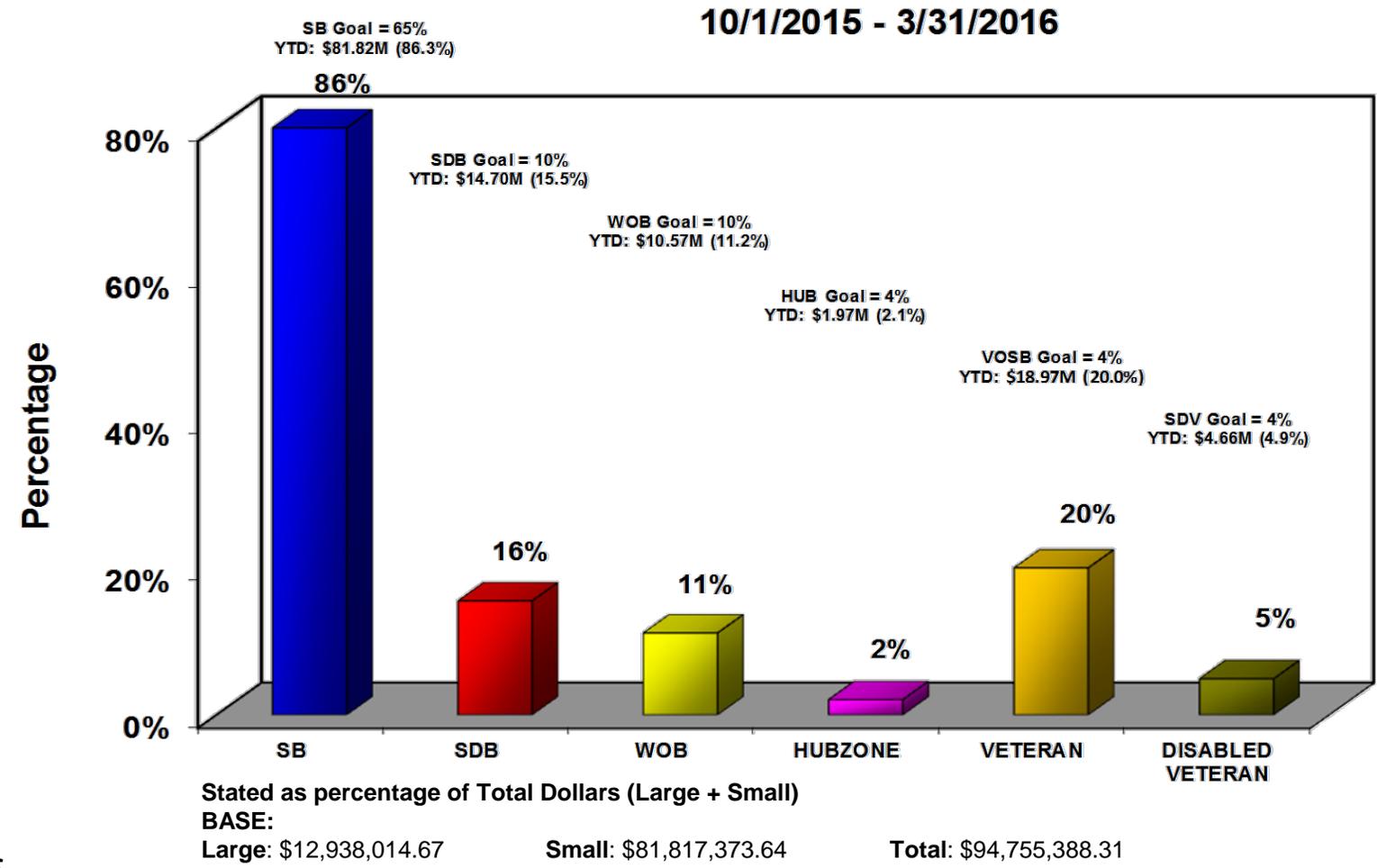
Data Source: BPS/PaymentNet/Puridium

Stated as percentage of Total Dollars (Large + Small)
BASE:
 Large: \$146,046,921.17 Small: \$517,773,184.45 Total: \$663,820,105.62



SMALL BUSINESS STATISTICS – FY16 TO DATE

- Percent Subcontract Dollars Placed in Socioeconomic Firms





COMMITMENTS TO SMALL BUSINESS

- 8/1/2011 – 4/21/2016

Sum of RevValue		Size		Grand Total
TN	OR	LARGE	SMALL	
TN	OTHER	\$17,950,665.40	\$93,285,942.46	\$111,236,607.86
	OR	\$71,112,051.69	\$244,233,442.28	\$315,345,493.97
TN Total		\$89,062,717.09	\$337,519,384.74	\$426,582,101.83
OTHER	OTHER	\$37,971,714.61	\$151,919,913.80	\$189,891,628.41
OTHER Total		\$37,971,714.61	\$151,919,913.80	\$189,891,628.41
Grand Total		\$127,034,431.70	\$489,439,298.54	\$616,473,730.24

SMALL OVERALL	SMALL TO TN	SMALL TO OR
79.39%	54.75%	39.62%



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Small Business Programs





PURPOSE

- Provide our small business community with an understanding of the work being done and upcoming projects and the challenges to get the work done, safely, within budget and on schedule





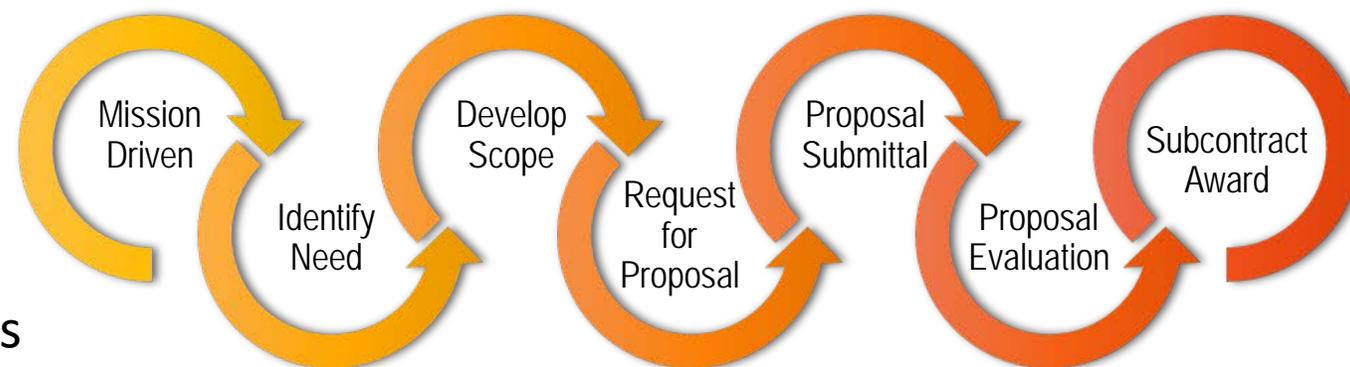
PREPARATION TO BID

- UCOR Website
 - (<http://ucor.com>)
- UCOR Supplier Portal
 - (<https://supplierportal.ett.energy.gov/#/home>)
- Environmental Safety & Health
 - (<http://info.ett.energy.gov/esh/index.html>)
- 90 Day Forecast
 - (<http://info.ett.energy.gov/90day/index.html>)



PROCUREMENT PROCESS

- Laws govern the procurement process and how we conduct business with each other
 - Preserve the integrity of the procurement process
 - Assure fair treatment of bidders, offerors and subcontractors
- UCOR's procurement process complies with certain Federal Acquisition Regulations (FAR) and Department of Energy Acquisition Regulations (DEAR) as well as internal policies



- Procurement process ultimately determines the schedule for subcontract awards



CONTACT INFORMATION

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Nuclear & High Hazard Operations





WHO ARE WE?

- Located at Oak Ridge National Laboratory (ORNL) and Y-12 Complex
- 170 staff and craft workers
- Operate Liquid Gaseous Waste Operations (LGWO) at ORNL – 24/7 Operations
- Perform Surveillance and Maintenance on 355+ facilities including shutdown nuclear reactors, isotope production/waste processing buildings, over 680 acres of engineered capped burial grounds, and 27 miles of gravel roads
- Provide maintenance support to Waste Facilities, Environmental Management Waste Management Facility Landfill, and Oak Ridge Sanitary Landfill



Gaseous Waste Operations

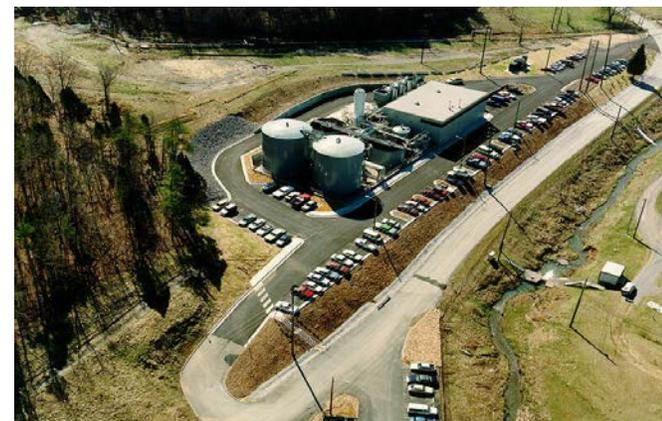


Alpha-4



OPERATING FACILITIES NEEDING REPAIRS

- Buildings, equipment, and process lines are beyond their 20 year life span and many are 40+ years old.
- Frequent break downs, higher maintenance costs, and in some cases obsolete equipment with no available spare parts.
- Aged equipment presents higher risk for migration of radiological contamination and environmental insults.



Process Water Treatment

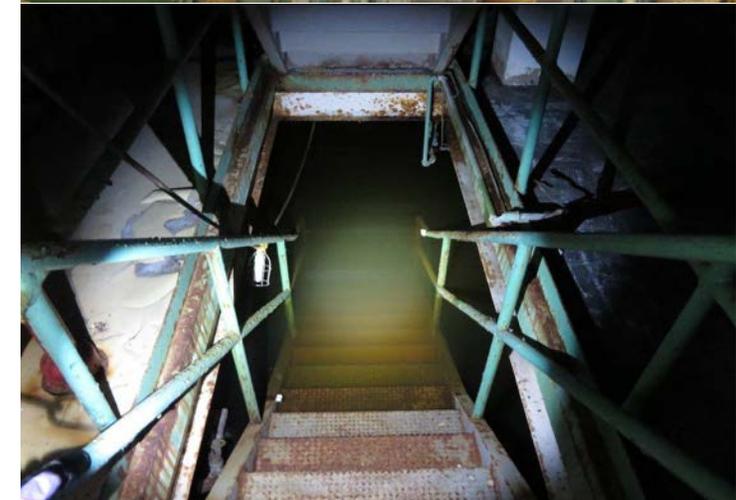


4001 Header Pump Station



Liquid Low Level Waste

EXCESS FACILITIES: REMEDIATE TO PREPARE FOR DEMOLITION





PREVIOUS SMALL BUSINESS ACTIVITIES

- Tree cutting and trimming
- Unmanned Aerial Vehicles for stack inspections
- Asphalt paving parking lots





FUTURE SMALL BUSINESS OPPORTUNITIES

- Purchase of consumable materials such as personal protective equipment, grout material
- Safety equipment
- Rental equipment JLGs, cranes
- Laboratory Analyses



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Decommission & Demolition





THE FOUR D'S OF OUR CLEANUP WORK

- Decommissioning
- Decontamination
- Deactivation
- Demolition



EXCESS CONTAMINATED FACILITIES

ORNL



Building 3026



Building 7500 cleanup

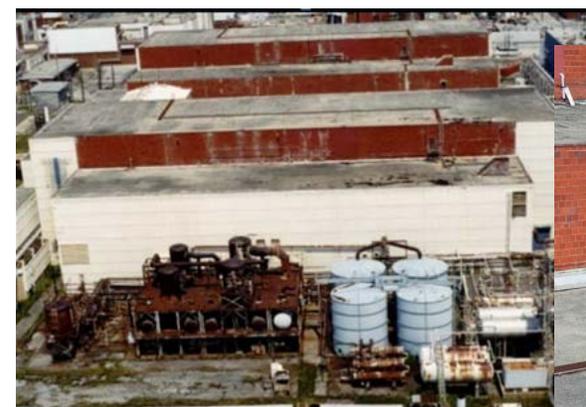


Building 3038



Buildings 3029 and 3028

Y-12



Alpha 4 COLEX equipment removal



Alpha 4 roof repair



Biology Complex

SMALL BUSINESS (CURRENT)

- Staff Augmentation Subcontractors
- Small Tools/PPE
- Electrical equipment
- Waste boxes/containers
- Spare parts for equipment





SMALL BUSINESS OPPORTUNITIES

- Asbestos abatement monitoring and oversight
- Asbestos abatement of the Y-12 Biology Complex
- Potential utility/infrastructure upgrades identified during the site closure planning process
 - Water/sewer reroutes
 - Road improvements
- Trailers
- Materials/Consumables





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Environmental Stewardship





ENVIRONMENTAL STEWARDSHIP

- Who we are
- What we do
- Small Business Opportunities
 - Present contractors
 - Future opportunities



WHO WE ARE

- The Environmental Stewardship Project is responsible for achieving and maintaining a more sustainable future on the Oak Ridge Reservation:
 - Implement and manage the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) for the Department of Energy Office of Environmental Management
 - Preparing and negotiating with the federal & state regulators CERCLA compliance documents
 - Evaluating compliance with all requirements specified in the Federal Facilities Agreement (FFA) and Records Of Decisions
 - Collect, analyze, and maintain legacy data in the Oak Ridge Environmental Information System (OREIS)
 - Maintain the Land Use Management (LUM) database for future reference to capture land use controls and institutional controls specified by CERCLA documents
 - Operate the Sample Management Office (SMO) that manages all aspects of environmental data
 - Manages the environmental remediation program



WHAT WE DO

- Water Resources Restoration and Water Quality Programs
 - Evaluates the effectiveness and protectiveness of implemented remedies for CERCLA
 - Groundwater, surface water & biota monitoring
 - Well installations & repairs
 - Development & Implementation of the ORR Groundwater Strategy
- Characterization Operations
 - Sample support for all media to all UCOR programs
 - Provides OREIS/PEMs data management support
 - Sample packaging and shipping of samples to analytical laboratories



WHAT WE DO (CONT.)

- Stewardship
 - Implements and maintains the Land Use Management (LUM) Program
 - Verifies completion of land use and engineering controls of CERCLA actions to assure protection of human health and the environment
 - Track over 45 CERCLA sites at Oak Ridge with engineering and/or land use controls requiring over 200 inspections currently each year at various frequencies
- Sample Management Office
 - The SMO coordinates analytical support for UCOR projects and other DOE prime contractors performing work on the Oak Ridge Reservation
 - The SMO also provides analytical data verification and validation services to ensure the quality of the data provided by the contract analytical laboratories is accurate, complete and usable
 - Manage the Oak Ridge Environmental Information System (OREIS)



WHAT WE DO (CONT.)

- FFA Regulatory Documentation and Support
 - Federal Facilities Agreement Management Support
 - Tracking of FFA Documents and Correspondence
 - Tracking of FFA Milestones and Commitments
 - Oversight of FFA Documentation (SAPs, EE/CA's, RI/FS's, PP's, ROD's etc.)
- Remedial Actions
 - Characterize ETTP Exposure Units in accordance with the final remedial action RODs
 - Identify needed Remedial Actions (RA) as applicable
 - Provide oversight for implementation of RA's
 - Perform confirmation sampling and document RA complete



SMALL BUSINESS OPPORTUNITIES

■ Current

- Laboratory Data Validation
- Well installation & maintenance
- Analytical Laboratories
- Well drilling support
- Sampling support/materials
- West Bay well maintenance
- Sampling Staff Augmentation
- Groundwater Modeling
- Statistical Data Interpretation

■ Potential Opportunities

- Sampling staff augmentation
- Environmental Engineering Staff Augmentation
- Analytical Laboratory Services



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Waste Management



UCOR
URS | CH2M
Oak Ridge LLC



WASTE DISPOSITION

- TRU Waste Management
- EMWMF/ORR Landfill
- ETTP Waste
- ORNL Waste



Spent Filters at 7862 ORNL



**DUO Sea/Land to be moved to ORNL
ETTP**



Sodium shields ORNL / ETTP



MSRE TDEC commitments ORNL



MSRE probe ORNL



**Overpack/dispose 19 containers at 3505
ORNL**



**Disposition of 3026 legacy waste at
3044 pad ORNL**



**Dioxins & furans STP (K-1065
containers) ETTP**



WASTE DISPOSITION

“Waste Factory” approach provides streamlined waste handling, dedicated transportation routes, and permanent disposal onsite.



SMALL BUSINESS OPPORTUNITIES

- Current scope subcontracted:
 - Staff Augmentation for various waste management positions
 - Waste containers/liners
 - Various water sampling at EMWMF and ORR Landfill and laboratory analysis
 - On-Site transportation and Haul Road management
 - Long haul transportation services
 - Waste treatment/processing



SMALL BUSINESS OPPORTUNITIES (CONT.)

- Additional Scope to be subcontracted:
 - Materials to support nickel project (e.g., pallets, container covers)
 - Waste processing in support of the disposition of legacy waste.
 - Additional containers



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Construction Management Office





MERCURY FIELD RESEARCH STATION

- Design Construction RFP issued for bids on April 7, 2016
- Anticipate award of subcontract in May 2016



LANDFILL IV EXPANSION

Scope: Expand approximately two acres of a lined industrial waste landfill

- Plan to issue RFPs for construction in June 2016
- Plan to award construction subcontract in July 2016
- Plan to issue RFP for independent quality control in June 2016
- Plan to award independent quality control subcontract in July 2016



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LGWO Life Extension & Y-12 S&M Initiative



LGWO LIFE EXTENSION - AWARDED

- **2535 Cooling Tower Modifications:**

- Scope: Design/build above grade supply and return pipeline from the condenser at ORNL building 2531 to the Cooling Tower at building 2535.
- Contract awarded early March 2016
- Subcontractor mobilization early June 2016

- **4001 Pump Station Overflow Piping:**

- Scope: Design/build an above grade emergency bypass piping system to provide an alternate path for pumping from F-4001 to the 3608 Treatment Facility.
- Contract awarded early March 2016
- Subcontractor mobilization late June 2016

- **Heat Trace Control Panel Replacement:**

- Scope: Design/build (9) new heat-trace control panels at ORNL 3608, 3544, 7961, & 2600 facilities.
- Contract awarded early March 2016
- Subcontractor mobilization August/September 2016





LGWO LIFE EXTENSION – UPCOMING OPPORTUNITIES

- **Repairs & Resealing of LGWO Concrete Secondary Containment Dikes:**
 - Scope: Repair and reseal the secondary containment dike areas within 3608, 2600, and 7961 tank storage facilities.
 - RFP planned to be issued May 2016 (based on funding availability)
- **Motor Control Center Repairs/Replacement (2531 & 3608):**
 - Scope: Remove existing motor control centers (MCC's) and design/build (5) new MCC's at ORNL 2531 and 3608 facilities.
 - RFP planned to be issued May 2016 (based on funding availability)
- **3608 Phase I – Temporary GAC Skid Installation:**
 - Scope: Remove clarifier, dual media filters, and air stripper. Install temporary GAC skid and piping.
 - RFP planned to be issued July 2016 (based on funding availability)



3608 Process Waste Facility



Y-12 S&M INITIATIVE - AWARDED

- Y-12 S&M Roger's Quarry Fence Replacement:
 - Contract awarded April 2016
 - Subcontractor mobilization early May 2016