

**Tour Script
Portsmouth Gaseous Diffusion Plant
Infrastructure Support Services (ISS)**

July 15, 2014

DRIVE FROM OSU ENDEAVOR CENTER ON SHYVILLE ROAD TO PLANT

Welcome to southern Ohio! Thank you for participating in today's tour of the Portsmouth Site. Attendees will be observing many of the areas of the plant that require grounds, roads, and lot maintenance. You will also see examples of facilities that require maintenance and custodial services under this contract, but not all. Further, you will see key facilities involved in the Telephone, IT, Safeguard & Security, and Records Management scope of this contract. The tour is intended as an overview and is not inclusive of all areas and facilities included in the Infrastructure Support Services (ISS) Performance Work Statement (PWS).

I will provide an upfront apology, this tour is scripted to ensure consistency and make sure all in attendance are provided similar information in regards to this solicitation.

On our short drive to the plant, we will give you a brief description of the area and history of the facility.

Pike County, where the plant resides, has a population of over 28,000. The unemployment rate for Pike County is one of the highest rates in the state. This project is very important for southern Ohio and the local economies and communities. The closest municipality is the village of Piketon, located approximately 4 miles north of the site, with a population of 2,100. Located north of Piketon are the cities of Waverly and Chillicothe.

Bus departs for the plant site turning left onto North Access Road.

The Portsmouth Gaseous Diffusion Plant (PORTS) is the largest employer in Pike County with about 2400 employees divided among its tenants and the Department of Energy contractors. It was built between 1952 and 1956 as the last of three gaseous diffusion plants constructed to enrich uranium in support of the nation's nuclear defense program. During the early years of the plant, highly enriched uranium was produced for use in the nuclear weapons and nuclear Navy programs. The production of highly enriched uranium was suspended in 1991. The plant enriched uranium for use in commercial nuclear power plants until production ceased in May 2001.

Please use the note cards provided to you for documenting any comments or questions of a technical nature you might have during the tour. We will collect these note cards at the end of the tour and review and consider in development of the final RFP.

You will hear a lot of building numbers today. Building numbers at Portsmouth start with the letter “X”.

As we enter DOE property, on both sides of the road, you will see the X-208A outer boundary fence. The scope of this contract includes both maintenance of fencing throughout the site and vegetation control along fences, including the X-208A outer boundary fence. Fencing will be maintained free of holes, to include replacing or resetting of fence support posts, replacing or repairing hinges and locking devices, and removal of rust and painting of fences.

For example, the contractor shall maintain the outer boundary fence (X-208A) and provide brush control on both sides of the fence. The fence will be maintained clear of trees, brush and other vegetation to the degree that the fence is not damaged. Repairs to the fence shall be accomplished to ensure the fence is capable of confining farm animals and acts as a barrier to notify personnel that they are entering DOE restricted access property.

This is just an example of scope related to fencing in the contract.

There are five main access roads that lead to the plant perimeter road which encircles the main part of the plant. They are named by direction, North Access, South Access, East Access and West Access. The remaining access road is called Construction Access.

Bus will travel down the North Access Road and stop at the X-735A facility just before entering the security checkpoint on the North Access Road.

Stop 1. X-735A Landfill Utility Building

The building on the right side of the bus is the X-735A. This facility served as the operations headquarters for the landfill when it was in operation. Today it is occupied by the current infrastructure contractor and provides offices, break areas, shower rooms, and equipment storage for the grounds maintenance department. The rest of the building is comprised of the two large garage type bay areas. The equipment located around the facility is under the control of the current infrastructure contractor. The facility is approximately 2800 square feet. The facility will be assigned to the ISS contractor.

The maintenance and custodial services for this facility are included in the PWS.

Stop 1 (Point out) X-735 Landfill

With minor exception, the scope of this contract includes comprehensive grounds maintenance of the entire DOE facility, excluding areas leased to USEC as the American Centrifuge Plant (ACP). For the purpose of the PWS, areas are subdivided into improved, semi-improved, unimproved areas, as well as, monitoring station access, edge areas, and regulated areas. The required performance standard will differ amongst these areas as to the level of and need for mowing, trimming, fertilization, etc.

To the west of X-735A is the X-735 Landfill. This is an example of a regulated engineered facility/area. The X-735 Landfill is entirely fenced and occupies a total area of about 21 acres. This landfill was capped in 1995 in accordance with regulatory requirements. The northern portion of the landfill was closed as a RCRA Subtitle C unit and the southern portion was closed as a RCRA Subtitle D unit. Both of these units are maintained in accordance with the current version of the *Integrated Surveillance and Maintenance Plan* (ISMP).

Special care must be taken to prevent damage to the cap or the grass covering on the cap. Rutting of the ground and scalping of the grass is to be avoided. Please note the steep slopes on the sides of the cap. Care must be taken to avoid damage to the surrounding fence and the vents.

As we travel onto plantsite and around the perimeter of the facility, keep in mind that the contractor shall perform grass and vegetation control throughout the facility, including along security fences and roadways as delineated in the ISS PWS. We will not make specific reference to all areas covered under the grounds maintenance section of the PWS.

Additionally, the scope of this contract includes comprehensive maintenance of most paved and unpaved roads, parking areas, and lots throughout the site with the exception of ACP and DUF6 footprints. We will not point out all maintained areas. The scope of this contract includes surface maintenance, signage maintenance and replacement, snow and ice removal and abatement, including sidewalks throughout the plant.

Of note, the facility supports 24/7 operations in facilities throughout the site such as X-326, fire station, and security facilities.

Bus continues to travel down North Access Road to the Perimeter Road.

This site and all the facilities on the site are owned by DOE. Some facilities on this site are currently leased to a private company called United States Enrichment Corporation (USEC) and the Ohio Army National Guard. We will attempt to inform you of which entity is currently operating and controlling a particular facility as we go through the tour today.

Bus stops at stop sign before turning right onto Perimeter Road.

The plant's perimeter road encircles the facility and is about seven miles in length. The Portsmouth DOE reservation is almost 3,800 acres of which 1,200 acres are located inside the perimeter road.

Bus continues west on Perimeter Road and turns right onto the road leading to X-752.

Stop 2. X-752 trailers

These trailers are identified as X-752 AT1, 2, 3 and 4. They serve as office, shower, and break areas.

The X-752 trailers are currently occupied by the Waste Management and Container Management personnel and houses HP support personnel, supervisors, facility management, and transportation logistics personnel.

Custodial service and maintenance for these trailers is included in the PWS.

The scope of this contract includes maintenance of ~20 trailers located across the plant site similar in nature to these trailers in addition to the X-735, which we passed, the X-1000 Administration Building, you will see later on this tour, the X-540 Telephone Communications Building, which you will also see, and the X-744B Salt Storage Building, which you can see here.

Note, the site is in the process of replacing the X-744B salt storage building, and the contractor will likely be assigned the replacement facility under this contract versus the existing X-744B.

Bus turns around and returns to Perimeter Road

Bus turns right onto Perimeter Road

Stop the bus at intersection with Truck Access

Go past intersection and turn left on gravel road – Construction Road

To the right is the American Centrifuge Project, in 2006, USEC leased the Gas Centrifuge Enrichment Plant from DOE for the American Centrifuge Project (ACP). ACP is considered the next generation of uranium enrichment technology that is more efficient and cost-effective than the gaseous diffusion enrichment process. The U.S. DOE announced in April its intention to manage the program, and is working to determine USEC's role in the technology's development. With minor exception, the scope of this contract does not extend to the ACP footprint. This contract does provide some records management services and telephone services to ACP under work authorization between USEC and DOE.

Continue around and stop prior to Truck Access Road to point out DUF6 Facility.

Stop 3. Point out DUF6 Conversion Plant

To the left is the Portsmouth DUF6 Conversion Plant. The DUF6 plant converts PORTS' large inventory of depleted uranium hexafluoride to a more stable chemical form of uranium oxide and hydrofluoric acid for reuse or disposal. Two DUF6 Conversion Plants were constructed, one here at Piketon, Ohio and another at Paducah, Kentucky.

For the most part, scope of this contract does not extend to the footprint of the DUF6 facility. Specific exceptions and interfaces are described in the PWS.

Point out Phytoremediation Area – Regulated Facility/Area

Also, I would like to point out, the trees to the left side of the bus are part of the X-740 phytoremediation project and associated groundwater plume area. The mowing of this area and around these trees is part of the ISS PWS. Caution must be taken to prevent damage to the trees while operating machinery. This is one of two main areas of the plantsite where these trees are planted.

The bus continues to C-lot portal.

Enter Limited Area through C-lot portal.

As we enter the plant limited area, as indicated, this contract includes the inspection and maintenance of fencing and gates throughout the plant, but does not include maintenance of many of the security portals/buildings you will see. Although it does include, the automated access “MAC” portals located at many gates and access points around the facility associated with the security fencing.

As described in the PWS, the scope includes programmatic safeguards and security for the D&D project with the exception of protective force services with is currently provided through the D&D contract.

All staff performing work or requiring access inside the limited area will require a security clearance.

Proceed to X-700 – Drive by

Straight ahead, to your right you will see the X-720 facility which we will visit shortly. The X-720 houses the site’s records management and document center as well as central shipping and receiving which is included in the scope of this contract. At this time we will drive by the X-700 facility, which houses the shop facilities for the current FSS contractor.

X-700 Building (Drive By)

The large facility located on the left side of the bus is X-700. This facility houses the current Facilities Support Services (FSS) contractor’s maintenance and planning personnel as well as the maintenance shops areas. Throughout the tour, I will refer to the incumbent contractor as the FSS contractor.

We will now drive to the X-720 facility for a brief look at the Records Center.

Proceed to 720

As we drive along the X-720, the second floor mezzanine area includes office areas for ISS and D&D contractor personnel, DOE, and its support contractor.

In addition to the DOE office areas in this facility, the shipping and receiving area is located on the south central portion of the building. Shipping and receiving operations is included in the PWS.

To the right, in the southwest corner of the X-720 Building is the Records Management and Document Control (RMDC) area and records vault. The area is a consolidated records management facility relocated in part from the former X-100 building.

We will enter into the administrative area of the records facility which houses current D&D and FSS records personnel, including FSS authorized derivative classifiers.

Stop 4. X-720 Facility (south west corner)

Enter the Lobby Area

Welcome to the Portsmouth Records Management and Document Control (RMDC) area and records vault. The space is shared, but separated, by both the D&D contractor and the ISS contractor. The RMDC area and records vault is new – only built within the past couple of years. The RMDC area contains offices, cubicles, conference room, break room, and rest rooms. At this time, the RMDC area shares space with the Reproduction Center, Mail Center, and Classification Review Officers, to name a few.

We will not enter the vault area, but they are located to the East and there are separate records vault areas; one designated for the D&D contractor and another for the ISS contractor. The ISS vault contains separate rooms for climate controlled records such as microfilm, photographs, and x-rays, shredding and contaminated records.

Both the ISS contractor and the D&D contractor are responsible for implementing a records management program for identifying, managing and dispositioning records in all formats, including early capture and control throughout their lifecycle. The D&D contractor is responsible for dispositioning inactive records to the ISS contractor in accordance with the ISS Contractors Records Management Program. Both contractors are to support DOE compliance with the Freedom of Information Act (FOIA), Privacy Act, Energy Employees Occupational Illness Compensation Program (EEOICPA) and litigation discovery requests.

The ISS contractor serves as the site-wide Records Custodian and shall manage all records generated and/or received in the performance of the contract, including records obtained from predecessor contractors DOE and the D&D contractor; including the historical records collection stored on-site and at Federal Records Centers.

Also part of the scope of this contractor but not located here is the Environmental Information Center (EIC). The EIC is located at the Ohio State University, Endeavor Center and houses the CERCLA/DFE/O and RCRA/Consent Decree Administrative Records and an Information Repository which contains general material regarding Portsmouth Site environmental cleanup efforts. The Contractor shall staff the EIC and provide services as described in the PWS.

Of note for this facility, the scope does not include custodial or maintenance for this facility. But, just as an example, the IT and telecommunications scope does involve

this facility as for most facilities on site. Providing, maintaining, replacing, operating, user support, and the network backbone for desktop computers, printers, etc within this facility and others on site are within the scope of this contract.

We will now reload the bus for a short drive to the X-540 telecommunications facility for a brief look.

Drive to X-540 facility

Bus drives by X-540 facility and stops.

Stop 5. X-540 Telecommunications Facility

The contract includes comprehensive telecommunications services to the site including maintenance of site systems, telecommunication services, voicemail, pagers, and mobile device management and devices to the D&D project personnel.

The X-540 Telecommunications Facility is the site location for telephone switch equipment and a major hub of the gaseous diffusion plant data network. The facility houses the Telecommunications Manager, maintenance staff and telephone switch equipment that provides service to 2600 telephones located across nearly 100 facilities on the Portsmouth site. This service is provided by 9200 pairs of copper wires terminated in the facility. Communications with the outside world come through cables connected to the X-540 facility equipment. The telephone switch handles about 115,000 calls each month.

The facility provides other services, including:

- Voicemail for site telephone users
- Teleconference bridges
- Call recording for regulatory compliance
- Shop for maintenance, administration & distribution of hundreds of individual pagers
- Fiber optic data network connectivity to all major site facilities
- Data network connectivity via copper wires to facilities not on the fiber network
- Telephone switches providing on-site only service to operations facilities
- Providing on-site & off-site communication for the X-3000 telephone switch

The scope of this contract includes maintenance of the telephone and IT systems as well as the maintenance of this facility, which will be assigned to the ISS contractor.

Return to Main Drive Gate

As we leave the X-540 facility, straight ahead and appearing on your left are the X-760 trailers. These are additional examples of facilities to be maintained and cleaned under the scope of this contract.

As we approach the main drive gate, as indicated, this contract includes the inspection and maintenance of fencing and gates throughout the plant. The contract includes grass mowing and trimming throughout the facility, much of this area included in the improved areas. Furthermore, the contract includes maintenance and snow/ice abatement on the bulk of the roads and lots utilized and passed today, including sidewalks to building entrances.

As described in the PWS, the scope includes programmatic safeguards and security for the D&D project with the exception of protective force services which is currently provided though the D&D contract.

To the left is our current guard headquarters X-104 facility. To the right are trailer units that also house and support the protective force personnel. We are in the process of installing new trailer units to house some of the personnel currently located in the X-104 building.

Go through Main Drive Gate portal

After leaving Main Gate turn left, circle parking area and drive by 152J Data Center. Stop beside and Point out 152 data center.

As we circle this parking lot to approach the 152J Data Center, this is one of the larger parking areas included in the maintenance portion of this contract. The maintenance, markings, signage, and snow and ice removal and abatement is included in the PWS.

Stop 6. 152J Data Center

To your right is the X-152J Data Center. The X-152J was put into service in 2013 in order to meet the growing data storage and server needs of the DOE D&D project. The facility includes the modular server container, an emergency generator and air conditioning unit. The facility houses all of the servers, data communication equipment and data storage devices for the D&D prime contractors and subcontractors. This equipment provides the host server environment for business and operations applications and databases, office automation services, such as electronic mail, and user desktop services.

The Server facility contains 14 equipment racks for servers, disk storage, and network equipment, each rack has individual air conditioning, uninterruptable power supply (UPS) & power conditioner, and connection to the site data network.

The system is protected by a fire suppression and environmental monitoring & alarm system and connected to all major site facilities via fiber optic network.

It is equipped with a 500 KW backup Generator unit.

The scope of the contract includes both the maintenance of these facilities as well as the overall operation and maintenance of the equipment within and comprehensive IT service to the D&D project to include but not limited to cyber security, mobile device

management, site intranet, file storage, application deployment, help desk, portfolio management, and user support.

Proceed forward, drive by 152 trailer complex.

To your right you will see a number of new trailer facilities for offices, breakroom facilities, restrooms, and conference rooms. This is the X-152 trailer complex. These currently house primarily the D&D contractor personnel. Custodial services for these facilities is intended to be in the scope of this contract, with the exception of the red units at the end which are maintained through a separate contract.

We will now proceed back to Perimeter Road and to the X-1000 building for a tour and the last of our stops.

Bus Proceeds to Perimeter Road and south to X-1000 parking lot and personnel will depart for a walking tour of the X-1000 building.

Point out X-749 B Landfill Cap

To your left, the X-749B Landfill, also called the Peter Kiewit Landfill, named for the original construction contractor at the plant. This 11.2 acre landfill was used from 1953 until 1968 as a salvage yard, burn pit, construction waste disposal area, and later as a sanitary landfill. Yet another example, of a regulated area maintained in accordance with the *Integrated Surveillance and Maintenance Plan*.

As we drive to the X-1000 building, you will see the Ohio Army National Guard Facility.

Point out Ohio Army National Guard Facility

Straight ahead and to your right you will see one of the leased facilities mentioned earlier. This garage facility is currently leased and occupied by the Ohio Army National Guard. They are in the process of relocating to another facility. It is possible that the grounds and shop areas currently used by the current FSS contractor will be consolidated into this facility. This relocation may happen during the period of performance of this ISS contract.

Stop 7. X-1000 Administration Building

Walking tour stops outside the X-1000 Building.

We will now depart the bus for a brief tour of the X-1000 building. This will be the last stop of the tour. Upon completion, we will return to the bus for return to the Endeavor Center.

The X-1000 facility is a two-story brick Administration Building which houses DOE and contractor staffs working on the PORTS D&D Project. The building was constructed in the 1980's as a part of the original centrifuge program and is a steel frame structure with brick veneer and is 73,700 sq. ft. of usable floor space.

There are seven restroom facilities, maintenance and equipment rooms, computer rooms, telecommunications closets, and a loading dock. There are multiple enclosed offices and cubical areas on both floors as well as break rooms and a lunch area. Access to the second floor is available by a central elevator (only assigned elevator) and central stair well, and also by stairwells on both the north and south ends of the building.

Custodial services and facility maintenance for the X-1000 are all part of the PWS.

The facility is considered a Property Protection Area (PPA) which requires individual signature sign in and temporary badging for personnel who are not normally assigned to the facility.

Enter the X-1000 Building

As we enter the building on the right you will see the visitor reception and badging area. This area houses a portion of the personnel who support the safeguards and security portion of the PWS.

The X-1000 Visitor Control Office will be staffed by the ISS contractor personnel and is operational Monday through Friday to handle visitors to the site and to assist employees with any issues that may arise with the access control systems for the Limited Area and the Property Protection Areas.

The Visitor Control Office is responsible for:

- Processing all visitors to the site, cleared and uncleared.
- Processing Visit Request forms, Clearance verification for those visitors that are cleared.
- Verifying citizenship, Verifying training required for access to the Limited Area and Property Protection Areas.
- Issuing Temporary and Visitor Local Site Specific Only (LSSO) badges when required.
- Enrollment of security credentials into the X-1000 facility, Limited Area, and Property Protection Areas access control systems.
- Monitoring of video systems for the access control systems and the remote cameras around the site.

DOE is centralizing security alarm and video monitoring, to include the TRANSCOM monitoring in the future to the X-300 facility. However, the Visitor Control Office would remain in the X-1000 facility.

Beyond the visitor and badging security area is the main lobby area. This area provides access to restrooms, a telecommunications closet, the elevator, and the central stairwell to the second floor.

The X-1000 facility houses the administration offices for the D&D project including DOE and its Environmental Technical Service contractor, D&D contractor, and the current FSS contractor. Contractor employees are housed in facilities throughout the site.

The ISS scope includes custodial and maintenance services for the X-1000. Additionally, as for a multitude of facilities at the site, the scope of the contract includes Telecommunications, IT Support and Services for DOE, ETS contractor, D&D contractor, ISS contractor personnel, and some related services provided to ACP.

The first floor south side is predominantly occupied by DOE and DOE support contractor personnel. The first floor north side is occupied by FSS security and training personnel, D&D contractor NMC&A personnel, as well as conference room, building support equipment, break/lunch room, and the FSS training room/facilities.

Move through the hallway to north west and point out training room, chiller room, and loading dock.

To your right you will see the current training facility used to provide and test students taking radiologic worker training, which is within the scope of this contract.

Direct the group back to the main lobby.

As we return to the lobby, to the right is the loading dock for this building, ahead and to the right is the chiller room for the X-1000 building.

Of note for this facility, DOE receives some facility utility supply such as recirculating heating water and cooling water from ACP. Maintenance of these systems from the boundary with ACP and throughout the facility is in this PWS. Contingency efforts to provide alternate heat is also intended to be included in this PWS.

Direct the group to the second floor using the central stairs and/or elevator if needed.

The second floor is predominantly office space for personnel with the D&D and FSS contractors.

The X-1000 also houses the alternate processing site (or contingency site) for the IT data center and network core. We drove by the primary facility at the X-152J data center. It has 5 racks of equipment with dedicated air conditioning, uninterruptable power supply (UPS) & power conditioner. I will point that out as we approach that area.

Direct the group to the west side of the building and to the south, proceeding to the utility room on south side.

As we proceed to the left and walk down the west side you will see enclosed offices down the west side of the building. The restroom facilities are on the right as well.

The ISS contractor will both maintain this facility and provide custodial services.

Office space for personnel, equipment, and training room within the facility will be provided to the ISS contractor in performance of the identified scope.

The current FSS contractor occupies the southern one third of the second floor.

Here, we have a utility room which contains heating, ventilating, and air conditioning equipment.

I will also point out that the X-1000 facility receives recirculating heating water, cooling water, and dry air through a work authorization with ACP. The contractor will maintain the HVAC and associated distribution systems within the facility but not be responsible for supply of RHW and chill water to this facility. The contractor will be responsible for climate control and balancing within the facility and also implementing backup heating in instances where RHW from ACP is not available. This in the past, has involved use of 480 volt electric heaters directed towards the air handlers as you can see here.

Exit HVAC Room and proceed to IT Room.

As indicated, the southern portion of this floor is occupied by the current FSS contractor.

This area houses IT personnel and to the north the IT contingency site, back-up to the X-152J, data center we drove by earlier. Due to space limitations we will not view that area today.

We will now return to the central stairwell and elevator and proceed to the first floor lobby area.

This concludes the tour of the X-1000 building and we will be exiting through the double doors near the badging area and return to the parking lot.

As walking back to parking area.

As we walkthrough this area, you will see lawn areas intended to be maintained in accordance with the improved areas described in the PWS. Such areas will be mowed more frequently, and include additional services such as trimming, trash removal, and clearing sidewalks.

Re-enter Bus on access road.

Return to Endeavor Center

We hope this tour has been helpful in providing a broad overview of the Portsmouth site and highlighting those areas that will be included in the ISS project. Please remember to provide the attendant at the front of the bus with the cards we provided for your written comments. We will review and consider in development of the final RFP. This concludes our tour today, have a safe trip home.