

SOURCES SOUGHT

WIPP Site Fire Protection System Upgrade – Phases 1, 2, and 3

This SOURCES SOUGHT NOTICE is for all business classifications. The purpose of this sources sought notice is to determine the interest of available subcontractors to install Phases 1 and 2 of the WIPP Site Fire Protection System Upgrade, with an option for Phase 3, at the Waste Isolation Pilot Plant (WIPP), located near the vicinity of Carlsbad, New Mexico, in accordance with the Statement of Work (SOW), specifications, construction drawings, applicable codes and standards; and, the contract documents. This synopsis is for information and planning purposes, and is not to be construed as a commitment.

PLEASE NOTE THAT THIS IS NOT A REQUEST FOR PROPOSAL. NO SOLICITATION EXISTS AT THIS TIME.

NWP is conducting a market survey to identify sources, and to determine the availability and technical capability of all qualified businesses to install a new, WIPP SITE FIRE PROTECTION SYSTEM UPGRADE through **Full and Open Competition**.

Synopsis of the work to be performed includes:

This SOURCES SOUGHT NOTICE is for all business classifications. The purpose of this sources sought notice is to determine the interest of available suppliers to Install Phase 1 and 2 of a Fire Loop, with an option for Phase 3, branch connections from the new fire protection system to all WIPP Site facilities. This synopsis is for information and planning purposes only it is not a solicitation. The information from this notice will assist Nuclear Waste Partnership LLC (NWP) determine the acquisition strategy of the forthcoming requirement.

DESCRIPTION OF WORK:

This project is to replace a deteriorated underground fire protection system containing Safety Significant (SS) components at the Department of Energy's Waste Isolation Pilot Plant (WIPP) near Carlsbad, New Mexico. The Subcontractor is required to replace the existing pump house (to include installation of new diesel and electric fire pumps); and, all ductile iron and PVC distribution piping is to be replaced with High Density Polyethylene (HDPE) pipe installed subsurface. Included in this requirement is replacing all hydrants, valves; and, restoring surface disturbances. The optional Phase 3 portion of this project includes connecting all WIPP Site facilities to the new fire protection system.

NWP will procure all Safety Significant (SS) components (and appurtenances) and two (2) 204,000 gallon fire water storage tanks, which will be provided to the selected Subcontractor, as Government Furnished Equipment (GFE), for installation. The Subcontractor will be responsible for the procurement of all Balance of Plant and Non-SS components. The Subcontractor is responsible for testing and commissioning of the completed fire protection system upgrade.

NWP is conducting a market survey to determine the availability and technical capability of all qualified businesses, including small businesses, small disadvantaged businesses (SDB), 8(a) small businesses, woman-owned small businesses (WOSB), veteran owned small businesses (VOSB), service-disabled veteran-owned small businesses (SDVOSB), and Historically Underutilized Business Zone (HUBZone) small businesses capable of installing/constructing a **WIPP Site Fire Protection System Upgrade**.

All responding firms are requested to identify their firm's size and type of business to the anticipated North American Industrial Classification System (NAICS) code. For this acquisition, the NAICS code is 237110 Water Main and Sewer Line and Related Structures Construction. Teaming arrangements and joint ventures will be considered for any subsequent procurement based on NWP's market research.

NWP is seeking qualified firms with experience in:

1. Valid NQA-1 program and experience working to it;
2. Experience in commercial grade dedication of SS components;
3. Prior Department of Energy work on SS Systems;
4. Ability to become a Quality Supplier List (QSL) vendor for NWP;
5. Performing extensive controlled excavation at the WIPP site;
6. Connecting new water service to existing domestic water mains;
7. Installing firewater lines to include PIV's, hydrants, and all related appurtenances;
8. Ability to construct a new fire pump house and all equipment contained within;
9. Ability to construct and install the remainder of sub-surface piping to complete the WIPP fire main outer loop;
10. Ability to install branch lines that connect each WIPP Site facility to the new Fire Protection System; and,
11. Provide qualified personnel to work on projects at WIPP; minimum requirements will be U.S. Citizenship, qualified New Mexico licensed PE(s) in appropriate disciplines, oversight personnel with commensurate experience and or education in construction of similar projects.

Below are some characteristic examples of requirements for the **WIPP Site Fire Protection System Upgrade, Phases 1 through 3:**

- Perform field survey to verify existing conditions and utility locations;
- Coordination with local municipalities for permits/roadwork/ public access;
- Multiple excavation techniques to include mechanical excavation, hydro-excavation, jacking and boring operations;
- Construction of prefabricated concrete structures (pump house) and mechanical/electrical installations of diesel fire pumps, electric fire pumps and associated alarm and communication utilities/interfaces;
- Submittal of design, per site plans, and installation of two firewater tanks;
- Quality Assurance personnel to support NQA-1 program for the receipt of components, and installation of a SS fire loop system to include field verification of welding, testing, and installation;
- Provide redline markup drawings to document actual "as-built" conditions;
- Ability to work with HDPE piping and associated components required for installation;
- Ability to provide project submittals, schedules, Site Specific Health and Safety Plans, Work Plans, Welding Program, Job Hazard Analysis, Quality Assurance Plans, and other documentation necessary to support construction work for a Category II Nuclear Facility;
- Coordination and logistics support to avoid disruption of facility mission;
- Maintain and submit all required documentation in accordance with an approved Quality Assurance Plan; and,
- Maintain all WIPP/NWP-specific training as required for the timely, safe, and efficient completion of assigned tasks.

RESPONDING TO SOURCES SOUGHT NOTICE:

Interested firms responding to this Sources Sought Notice must provide a capability statement to fulfill the NWP qualifications (items 1-11) as stated above. The capability statement shall not exceed eight (8) pages and provide sufficient detail in order that NWP can assess the technical experience, expertise, skills & capabilities as relevant to the requirement. Please specify one primary and one alternate Point of Contact (POC) within your firm, including telephone numbers and email addresses. The value of this project is more than \$10,000,000. **Only electronic** capability statements will be accepted. The e-mail shall contain the following subject line:

Response to Sources Sought Notice – WIPP Site **Fire Protection System Upgrade – Phases 1 and 2, with an option for Phase 3.** A determination by NWP to proceed with the acquisition as a set-aside is within the discretion of NWP. If capability statements are not received from at least two responsible small businesses or if NWP determines that no small business concerns are capable of performing this requirement based upon an assessment of the capability statements submitted, NWP may proceed with a full and open competition.

TENTATIVE DATES FOR ISSUING THE REQUEST FOR PROPOSAL (RFP), OPENING BIDS
AND COMPLETING CONTRACT PERFORMANCE:

A Pre-proposal Conference will be conducted at the WIPP Site to discuss all aspects of the proposed Scope of Work and to tour the proposed work area, on or about **June 5, 2019**.

Estimated Solicitation Issuance Date: **May 20, 2019**

Estimated Proposal Due Date: **June 19, 2019**

The contract duration will be from actual date of award through **TBD**.

Estimated price is over **\$10,000,000**.

All responding firms are requested to identify their firm's size and type of business to the anticipated North American Industrial Classification System (NAICS) code. This acquisition, is under NAICS Code 238210 – Electrical Contractors and Other Wiring Installation Contractors (to include Other Building Equipment Contractors).

Interested parties should contact Roberto Olivas at Roberto.Olivas@wipp.ws or 575-234-8962 for initial preview of the Statement of Work and Specifications. Your review and feedback of these two documents is appreciated.