

**REQUEST FOR EXPRESSION OF INTEREST
Operation and Maintenance of Three Diesel Boilers**

Introduction

Washington River Protection Solutions, LLC (WRPS) as a prime contractor to the U.S. Department of Energy is issuing this Request for Expression of Interest (EOI) as a means of conducting market research to identify parties having an interest in and the resources to operate and maintain three diesel boilers in support of 242A Evaporator campaigns on the Hanford Site.

Background

There are three (3) steam boilers at 242A-BA Annex building which is approximately 150ft from the Evaporator facility (242A) at the Hanford site in Richland, Washington. The boilers manufacturer is Cleaver Brooks and the models are CBLE-100-200-150 (Qty.1) and CBLE-100-700-15 (Qty.2). The boiler systems have been placed in a lay-up state since 2019. Internal boiler maintenance inspections were last performed in 2019. The WRPS assumes that the boiler systems are in a ready-to-operate state. The 242A Evaporator is a Hazard Category 2 Nuclear Facility and 242A-BA is a non-nuclear facility. The current DOE contract will expire on 14 Nov 2021, and these services are needed to be continued to support the 242A Evaporator campaigns.

General Operation/Maintenance Support Schedule

NOTE:

1. Schedule is flexible and may change due to site projects.
2. The operation and maintenance support schedule covers work scope throughout the contract with various resources (i.e, operators, electricians, carpenters, laborers, pipe fitters, etc.) that will be needed to operate, maintain and repair the boiler systems and components.

February 1, 2022 to May 9, 2022	Mobilization and Work Packages/Procedures/PM Datasheet Schedule: Mobilization, support work packages, generate/revised procedures and preventative maintenance data sheets
May 10, 2022 to July 2022	242A-BA Operation Acceptance Testing (OAT)
July 2022 to January 2023	242A Evaporator Operational Readiness cold run
February 2023 to March 2023	242A Evaporator Campaign #1
May 2023 to June 2023	242A Evaporator Campaign #2

Summary of Project Execution Activities

The following is a general list of the key items and attributes of the work and is NOT intended to be all-inclusive in listing of items and specific requirements.

Activity 1: Installation of Temporary Facilities

Subcontractor to provide/maintain office/lunchroom temporary facility(ies) (i.e., mobile offices). In addition, this activity will include the following.

- Restroom, handwashing station(s) and personnel to clean/disinfect the facility(ies).
- Prep temporary facility(ies) site area.
- Provide power supplies (i.e, generator, light plants, etc.).
- Installation to include UltraBlocks, anchor system, stairs and skirting (wire mesh with wooded framing is acceptable).

Activity 2: Operation Support

Provide qualified personnel, furnish materials/parts, tools, personnel protection equipment (PPE), transportation and equipment to perform boiler operation on boilers' system and components. Responsibilities includes but not limited to the following items listed on Attachment A (*Operation*).

Activity 3: Maintenance Support

Provide qualified personnel, furnish materials/parts, tools, personnel protection equipment (PPE), equipment and all other essentials necessary to perform boiler maintenance on boilers' system and components. Responsibilities includes but not limited to the following items listed on Attachment B (*Maintenance*).

EOI Submittals

Interested firms are invited to submit an expression of interest letter to include a response to the following:

1. Statement of your company's interest to participate.
2. General description of your capability to operate diesel boilers on a 24/7 schedule during evaporator campaigns along with recovery methodology to ensure no service interruptions. Maintenance rotations would not need 24/7 support.
3. A description of your company's experience (this may include items such as advanced training, operating history, and licensing requirements for staff).
4. ROM estimate.
5. Your company's POC with email address and phone number.
6. Company's full address
7. Company's past performance (provide a list of references, subcontract numbers, etc. per Exhibit 1 below)
8. A completed and signed CONFIDENTIALITY AGREEMENT (per Exhibit 2 below).

Submit any questions necessary to clarify the scope and expectations by 9/22/2021.

This is not a Request for Proposal, but a request for an expression of interest. WRPS will not award a contract(s) based on this expression of interest nor pay for information solicited.

Responses with the requested EOI submittals must be received by WRPS no later than close of business **10/06/2021**, 5:00 pm (PST) via email to: rolando_t_espiritu@rl.gov

Sincerely,

Sam Espiritu, Procurement Specialist

Attachments:

- Exhibit 1 – Past Performance
- Exhibit 2 – Confidentiality Agreement
- Attachment A – A_R00_09-09-2021_353262_Operation
- Attachment B_R00_09-09-2021_353262_Boiler Maintenance
- 242A-BA Electrical Layout dwgs
- 242A-BA Mechanical dwgs
- H-14-109807 SH 001-02, Engineered and Marked Concrete Blocks
- Questions & Answers Log dated 09.27.2021
- Attachment E_R00_09-08-21_353262_Quality Assurance Clauses
- Spare parts list-not exhaustive.