Sources Sought Notice – Water Treatment Chemicals & Service

Thomas Jefferson National Accelerator Facility (Jefferson Lab), managed by the SURATech, LLC. under contract with the United States Department of Energy, requires mechanical system water treatment support.

SURATech, LLC is seeking sources to provide a comprehensive water treatment program for cooling towers and closed loop systems at Jefferson Lab.

General Scope of Work

The Subcontractor shall provide a comprehensive water treatment program for cooling towers and closed loop systems at Jefferson Lab. The Subcontractor shall provide the chemicals, the handling of all chemicals, miscellaneous water treatment equipment, and consulting services as required for control of scale, corrosion, microbiological growth and slime in all heat transfer equipment and associated systems. These systems include the cooling tower systems, chilled water systems, and hot water systems. The scope includes routine testing of system water, inspection of equipment, maintenance of equipment, monitoring of chemical program effectiveness, and related consulting services.

Program Goals

1. Minimize repair and maintenance costs associated with replacement and cleaning of equipment due to scale, corrosion, fouling or microbiological activity. Jefferson Lab has equipment cooled by cooling tower water with skin temperatures up to 260oF that are vital to lab operations. The Subcontractor shall be able to demonstrate experience successfully treating similar high skin temperature systems.
2. Reduce fuel and electrical consumption through improved heat transfer efficiency.
3. Accurately monitor program results and communicate appropriate recommendations.
4. The Subcontractor's chemical program should produce clean heat transfer surfaces, which are substantially free of scale, deposits, corrosion and biological growth.
5. Inspection of equipment connected to treated systems annually by the Subcontractor's representative when the equipment is open for inspection by Jefferson Lab staff or subcontractors or at other unscheduled openings.

General Duties and Responsibilities – The Subcontractor shall furnish all necessary management, supervision, labor, materials, equipment, incidental tools and vehicles required to provide mechanical system water treatment.

The subcontract is for one (1) base year and four (4) option years, for a possible total subcontract performance period of five (5) years.

Subcontract award anticipated by end of September 2026

NAICS code 221310

If your company has experience comparable to this service and is interested in reviewing the future solicitation package, please register for this requirement on the JLAB Solicitation Board at https://misportal.jlab.org/ul/bus_ops/ .

This notice is not the Request for Proposal. It is a request for interested small business sources to register on the Jlab Solicitation Board to receive the Solicitation documents.

Should you have any questions or require additional information you may contact me via email at stepney@jlab.org.

Best Regards,

Carolyn Stepney
Sr. Procurement Officer