



TO: All Prospective Bidders

FROM: Cynthia Shea-Luzik – Manager, Procurement Services

DATE: November 27, 2018

RE: ADDENDUM #2 – RFP 19-SCSU-01 – Cooling and Boiler Water Treatment Services

Notice to all Bidders:

Section 2.6 of the RFP, “Scope of Desired Services”, has been replaced in its entirety with the following:

2.6 Scope of Desired Services

SCSU is seeking an experienced water treatment contractor to furnish all labor, material and equipment to protect and control open recirculating cooling towers against corrosion, scale build-up and microbial contamination on a monthly basis. There are six (6) towers that are 10 years and older and five (5) towers that are three (3) years old (new Academic Science Building). All towers are in operational condition. The locations of these towers are as follows:

<u>Buildings</u>	<u>Chiller Tonnage</u>
Jennings Hall	(2) 300 ton units
Engleman Hall	(2) 500 ton units
Buley Library	(2) 400 ton units
Lyman Center	(1) 200 ton units
Schwartz Hall	(1) 200 ton units
West Campus	(1) 200 ton units
Adanti Student Center	(1) 300 ton units
New Academic Science Building	(2) 400 ton units
Brownell Hall	(1) 200 ton units

Specifications:

The awarded contractor shall be responsible for the following service requirements and shall provide all necessary service, tools, labor and materials to protect:

- *Open recirculating cooling towers against corrosion, scale build-up and microbiological contamination;*

- *Conn Hall Steam Boilers against deposition, scale build-up and corrosion.*

Open Recirculating Cooling Tower treatment must include:

- *Molybdate-based corrosion inhibitor and dispersant in quantities sufficient enough to provide comprehensive corrosion and deposit control;*
- *Liquid microbiocides in quantities sufficient enough to provide broad-spectrum control of microorganisms in industrial water handling systems;*
- *All Vendor necessary equipment, including automatic metering, controlling and bleed equipment;*
- *Regular service by a fully-trained, experienced technician on an at least monthly basis.*

Steam Boiler and Closed Loop Hot Water System treatment for Connecticut Hall must include:

- *Provision of deposit, scale and corrosion control chemicals in quantities sufficient to provide comprehensive corrosion control in boilers and steam condensate return lines;*
- *A stable organic-phosphorous compound to sequester calcium and iron ions or equivalent;*
- *Must contain polymers to disperse scale and sludge formations and provide clean heat transfer surfaces;*
- *Must include an amine compound to neutralize carbonic acid and improve corrosion control plus include an oxygen scavenger to eliminate pitting-type corrosion;*
- *All Vendor necessary equipment, including automatic metering, controlling, bleed equipment and chemical containment equipment;*
- *Regular monthly service performed by a fully-trained, experienced technician.*

Closed Looped Chilled Water and Heating Water System treatment must include:

- *Provision of deposit, scale and corrosion control chemicals in quantities sufficient to provide comprehensive corrosion control in the closed looped chilled water and heating systems;*
- *A stable organic-phosphorous compound to sequester calcium and iron ions or equivalent;*
- *Must contain polymers to disperse scale and sludge formations and provide clean heat transfer surfaces;*
- *Must include an amine compound to neutralize carbonic acid and improve corrosion control plus include an oxygen scavenger to eliminate pitting-type corrosion;*
- *All Vendor necessary equipment, including automatic metering, controlling, bleed equipment and chemical containment equipment;*
- *Regular monthly service performed by a fully-trained, experienced technician.*

Legionella Pneumophila Testing, Monitoring and Control:

Awarded Contractor must provide bi-annual testing of water systems for populations of Legionella pneumophila on all open recirculating cooling water systems and respond to and take corrective actions if populations are above recommended guidelines. Testing must be conducted by a state or nationally authorized laboratory which the contractor must facilitate.

A monthly report is required with each visit which needs to be forwarded to both Ted Peters and John Ruggiero in Facilities Operations.

Note:

- *All chemicals required for this program as well as the handling and disposal of such chemicals is the responsibility of the awarded contractor. The awarded contractor shall also be responsible for any required documentation relating to the handling and disposal of these chemicals.*
- *The awarded contractor shall follow all State and Federal codes and compliances.*