

### FirstLine Schools, Inc.

Request for Quote

Water Treatment Services

RFQ Questions Due: April 25<sup>th</sup>, 2018 by 2:00 P.M.

Questions directed to:

Rebekah Cain, Director of Operations,

at rcain@firstlineschools.org

Proposal Submittal Deadline: April 30<sup>th</sup>, 2018 by 2:00 P.M.
Rebekah Cain
300 N. Broad Street-Suite 207
New Orleans, LA 70119

RFQ Announcement: April 4th, 2018

Mandatory Walk-Through Pre-Bid: April 18th, 2018 @ 9:00AM

Schedule: Arthur Ashe Charter School: 1456 Gardena Drive | New Orleans, LA 70122 @ 9AM

Joseph S. Clark Preparatory High School:

Proposals are to be delivered by email to Rebekah Cain, Director of Operations, FirstLine Schools, at rcain@firstlineschools.org. Proposals are due on: April 30 <sup>th</sup> , 2018 by 2:00 P.M.
: The contract term is for one year.
Organization is key to a well-

The water treatment program will provide scale and corrosion protection for condenser water systems, cooling towers, chillers and chilled water systems, steam boilers, deaerator, steam/condensate lines, and closed hot water loops, while maximizing program safety, efficiency and performance.

The water treatment program will include all boiler systems, all cooling towers, all hot water loops, and all chilled water loops. In addition, the water treatment program will include all chemical products, any required equipment, and professional consulting services to:

#### Feed and Control Equipment:

The vendor will supply our facility with any chemical feed or control equipment which is required to assure reliable operation of our boiler and cooling systems. The vendor will review the benefits of installing this equipment and discuss any savings we will realize as a result.

#### Chemical requirements:

#### Cooling Tower Treatment:

- Chemicals must prevent scaling from hardness minerals that concentrate in water by evaporation. Prevent corrosion on carbon steel, stainless steel, copper, copper alloys, zinc, aluminum and other metals found in cooling systems.
- Chemicals must disperse solids from precipitated hardness minerals, atmospheric dirt and biomass.
- Ohemicals must be compatible with all gaskets, seals, O-rings and elastomeric materials found in the cooling systems.
- o Chemicals must be effective in preventing and controlling the growth of a broad range of algae, bacteria and slime fungi in cooling towers.

Also prevent issues from algae, bacteria, and slime fungi that are responsible for metal corrosion and wood rotting.

#### Gosed Loop System:

- o Chemicals, etc., when used on closer-loop systems must provide protection again cavitation, erosion, and corrosion of the system.
- o Chemicals must form a pH buffer to resist the acidification of the system.
- Chemicals must lubricate metal surfaces, water pumps, etc.
- o Chemicals must be of a low-foaming formulation.
- o Chemicals must be compatible with all metallic engine components as well as seals, gaskets and elastomeric parts.

All chemicals proposed for use at our facility shall be verified as acceptable for use in the State of Louisiana. Chemicals used for water treatment must comply with all EPA, NC and DOT requirements, including packaging and labeling. The submitting vendor shall include MSD sheets and product bulletins/fact sheets with initial proposal for review.

It is our intent that all steam produced to be acceptable for use around food materials, thereby, requiring FDA approval for all boiler treatment chemicals, including oxygen scavengers, scale and corrosion inhibitors, and steam/condensate treatments.

All discharges into the sewerage system from cooling tower bleed-off, boiler blowdown, or system draining must meet all standards of the local municipality, the State of Louisiana, and any Federal regulations that apply.

In the event any governmental restrictions are imposed which would necessitate alteration of the material, quality, workmanship or performance of the items offered in this proposal prior to their delivery, it shall be the responsibility of the successful bidder to notify the buyer at once indicating in writing the specific regulation which requires an alteration. We reserve the right to accept or reject any such alteration, including any price adjustments occasioned thereby.

Storage container material of construction must be stainless steel. It must have an appropriate lining if storing corrosive chemical material. Exteriors must be stainless for strength.

Secondary containment volume must be at least 150% of the delivered chemical storage container volume.

Storage tanks must have bottom drain capabilities to insure positive, flooded suction for chemical pumping and injection and to allow complete emptying of the vessel.

Storage containers must have a clear sight glass with inventory and drawdown capabilities for monitoring and control of the chemical program.

Pumps must be located inside the containment.

The supplier must retain ownership of tanks.

Tanks must be vented and fitted with fume suppression equipment during delivery.

Tanks must be fitted with automated inventory control and re-ordering equipment to prevent running out of chemical unexpectedly and to notify supplier of use rate abnormalities.

Chemical transport equipment must comply with DOT requirements for transporting hazardous material.

Chemical transport equipment brought on site must be stainless steel on exterior for strength.

No empty or full chemical transport equipment is to be stored on-site.

Deliveries must be made by chemical handlers who are:

- o Certified in HAZMAT compliance
- o Equipped with PPE on-site for delivery and transfer of chemical.
- o Equipped with items required to handle spills and any unexpected incidents.

Chemicals must be transportable up steps if needed.

FirstLine Schools,

All work is to be completed within the scope of and consistent with the plans submitted as part of this RFQ. Any vendor
interest to do so.

Authority of Director of Operations and Director. All work shall be done under supervision of the Director of Operations,

decide all questions that may arise as to the quality and acceptability of materials furnished and work performed and as to the rate of progress of the work; all questions that may arise as to the interpretation of the specifications; and all questions as to the acceptable fulfillment of the Contract by the Contractor.

will also be responsible for any injuries to persons caused by its staff or equipment. The Proposer must notify FirstLine concerning any litigation involving the Proposer or its parent or subsidiary companies.

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