



East Providence School Department  
RFP# EPSD.DISTRICT.2023.014  
Boiler Replacement – Myron J. Francis School

## **1. RFP OVERVIEW**

### **1.1 Company Description**

The East Providence School District (EPSD) is a K-12 public school district supporting the City of East Providence, Rhode Island. The district maintains thirteen facilities including multiple K-5, middle and high school campuses.

### **1.2 Purpose of the RFP**

EPSD is seeking proposals from well qualified vendors for a gas-fired, fire tube condensing boiler at Myron J. Francis Elementary School.

### **1.3 General Conditions**

1.3.1 This RFP is not an offer to contract. Acceptance of a proposal neither commits our school district to award a contract to any Vendor, even if all requirements stated in this RFP are met, nor limits our right to negotiate in our best interest. We reserve the right to contract with a Vendor for reasons other than lowest price. We will thoroughly examine each proposal for best price, product quality, performance measures, flexibility and customer support.

1.3.2 Proposals are to be made in good faith, without fraud, collusion or connection of any kind with any other contractor for the same work. All bidders must complete in their own interest and in their own behalf. If you are subcontracting any portion of this agreement, you must identify the subcontractor in your proposal and agree that all subcontractors are bound to all terms and conditions of this RFP.

1.3.3 The Vendor will absorb all costs incurred in the preparation and presentation of the proposal.

1.3.4 All Vendors who submit proposals will be notified of the results of the selection process.

1.3.5 East Providence School District reserves the right to reject any or all proposals, in whole or in part, with or without cause, even if all the stated requirements are met. In addition, East Providence School District may enter into negotiations with one or more entities simultaneously and award a contract without notification. At the sole discretion of East Providence School District, bidder presentations may be requested before award of the contract. East Providence School District may also request the opportunity to conduct an on-site review of the Vendor's facility and/or other locations where these services are provided, or a demonstration of the proposed technology.

### **1.4 Proposal Effective Period**

Vendors should state in writing that all furnished information, including prices, will remain valid for 90 days from the date their proposal is received by East Providence School District.



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**2. VENDOR INSTRUCTIONS**

Any changes in deadlines will be communicated to all Vendors via [E-Bids@epschoolsri.com](mailto:E-Bids@epschoolsri.com) email address. We reserve the right to disqualify any vendor that does not comply with these deadlines.

**2.1 RFP Schedule**

Activity	Date/Time
RFP Released	October 11, 2023
Deadline for questions	October 20, 2023 at 10:00am
Q&A Addenda Issued	October 21, 2023
Proposal Submission Deadline	November 6, 2023 at 10:00am
Project awarded	November 14 and 21, 2023

**2.2 Vendor Questions and RFP Addenda**

2.2.1 Questions regarding the content of or schedule for the RFP must be submitted in writing by e-mail to [E-Bids@epschoolsri.com](mailto:E-Bids@epschoolsri.com) according to the RFP schedule provided in Section 2.1.

2.2.2 East Providence School District will issue answers to all Vendor questions, as noted in that schedule. In the event that modifications or additions to the RFP become necessary, vendors will be notified in writing and posted to [www.epschoolsri.com/purchasing](http://www.epschoolsri.com/purchasing).

2.2.3 Any vendors wanting a site visit prior to RFP submittal may contact Chris Murphy Director of Facilities at (401) 406-0104 to schedule a time.

**2.3 Proposal Format and Submission Requirements**

**2.3.1 Proposals are to be organized in the following format:**

2.3.1.1 Section 1: Executive Summary. The one page maximum executive summary is to briefly describe the vendor’s proposal. This summary should highlight the major features of the proposal. It must indicate any requirements that cannot be met by the Proposer. The reader should be able to determine the essence of the proposal by reading the executive summary.

2.3.1.2 Section 2: Vendor Information. Proposers must provide in-line responses to all requirements outlined in RFP Section 3.3 - Vendor Information.

2.3.1.3 Section 3: Response to RFP Requirements. Proposers must provide in-line responses to all requirements outlined in Section 3.

2.3.1.4 Section 4: Pricing. Proposers must attach a formal company quote to the last page. Additional vendor sales quotes, hardware details, or other pricing material may be



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included in this section. Pricing will include product and installation, as well as any other needed attachments. Shipping is to be included in the pricing.

2.3.1.5 Section 5: Additional Information. Proposers may include additional information regarding their products and services in this section.

#### **2.3.2 Sealed Bid Requirements**

Two (2) printed copies of the proposal must be submitted in an envelope clearly marked: Request for Proposals, “Boiler Replacement – Myron J. Francis Elementary School”. Mail or deliver sealed bid proposals to the following address by the date and time identified in the schedule in Section 2.1. The EPSD Finance Department will receive all bids and include a timestamped form to record arrival date/time.

Craig Enos  
Director of Finance  
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1998 Pawtucket Avenue  
East Providence, RI 02914

#### **2.3.3 Bid Evaluation**

2.3.3.1 The district contemplates award to the lowest price, technically acceptable vendor proposal. To determine whether proposals are technically acceptable:

2.3.3.1.1 The district will determine whether each proposal is complete

2.3.3.1.2 The solution specified in the proposal meets the technical needs of EPSD and offers the most value to the schools

2.3.3.1.3 Whether it is responsive to all requirements established in the RFP and addenda.

2.3.3.1.4 Whether the proposing vendor maintains and has submitted documentation of applicable certifications from Manufacturer(s) selected

2.3.3.1.5 Whether references related to past performance are favorable.

2.3.3.1.5.1 With regard to references, vendors are free to submit references they wish the East Providence School District to consider; however, the East Providence School District reserves the right to investigate references for any and all projects on which the vendor has worked in the last three (3) years.



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Proposals not deemed technically acceptable may be eliminated from consideration

2.3.3.2 The East Providence School District may choose to seek clarifications from vendors with regard to their proposals.

2.3.3.2.1 All responses will be provided in writing to the [E-Bids@epschoolsri.com](mailto:E-Bids@epschoolsri.com) address, and incomplete or unclear responses may result in a proposal being deemed technically unacceptable. However, the East Providence School District reserves the right to make a selection without requesting clarification. Additionally, the East Providence School District may not necessarily seek clarifications from all vendors submitting proposals.

2.3.3.3 Any contract awarded under this RFP is subject to funding, and approval by the East Providence School Committee. The East Providence School District reserves the right to make no awards under this RFP.

## **3. REQUIREMENTS**

### **3.1 Background**

The East Providence School Department is doing this RFP to replace a 20 year old boiler at Myron J. Francis Elementary School, 64 Bourne Avenue, Rumford, RI 02916.

### **3.2 Scope of Services**

#### **3.2.1 Summary**

Includes information for a gas-fired, fire-tube condensing boiler, trim, and accessories for generating hot water.

#### **3.2.2 Action Submittals**

- A. Product Data: For each type of product.
  - 1. Shop Drawings: For boilers, boiler trim, and accessories. Include product description, model number, dimensions, clearances, weights, components and options.
  - 2. Include details of equipment assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
  - 3. Include diagrams for power, signal, and control wiring.



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- a. Schematic wiring diagram of boiler control system of the ladder-type showing all components, interlocks, etc. Schematic wiring diagram shall clearly identify factory wiring and field wiring by others.
- b. Detail wiring for power, signal, and control systems.

#### 3.2.3 Informational Submittals

- B. Source quality-control reports.
- C. Field quality-control reports.
- D. Manufacturer's Certification: The boiler manufacturer shall certify the following:
  1. The products and systems furnished are in strict compliance with the specifications.
  2. The boiler, burner, and other associated mechanical and electrical equipment have been properly coordinated and integrated to provide a complete and operable boiler package.
  3. ASME Certification in the form of ASME Stamp on the product and completed and signed data sheet.
  4. ASME CSD-1 Certification, in the form of completed data sheet.
  5. cULus Certification in the form of an affixed label to the equipment.
  6. The specified factory tests have been satisfactorily performed.
  7. The specified field tests have been satisfactorily performed.

#### 3.2.4 Closeout Submittals

- A. Operation and maintenance data.
  1. Manufacturer's printed operation and maintenance manuals shall be submitted prior to final acceptance by the engineer. Operation and maintenance manuals shall contain dimension and wiring drawings, product data, operating instructions, cleaning procedures, replacement parts list, maintenance and repair data, complete parts list, etc.
- B. Manufacturer's data reports.
- C. Start-up reports to be generate by local authorized boiler representatives.

#### 3.2.5 Warranty

- A. Manufacturer's Warranty: Manufacturer agrees to repair or provide replacement components of boilers that fail in materials or workmanship within specified warranty period.



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1. Warranty Period for Fire-Tube Condensing Boilers:
  - a. The pressure vessel shall be guaranteed against thermal shock for the lifetime of the boiler when utilized in a closed loop hydronic heating system with a temperature differential of 120 °F or less. The boiler pressure vessel shall be guaranteed accordingly without a minimum flow rate or return water temperature requirement. The boiler shall not require the use of flow switches or other devices to ensure minimum flow.
  - b. The pressure vessel, tubes and tube sheets (heat exchanger) shall be guaranteed against flue gas corrosion and materials/workmanship for a period of 15 years. The condensate collection box shall be guaranteed for 20 years. The burner cylinder shall be warranted for a period of 5 years.
  - c. All parts not covered by the above warranties shall carry a standard 2 year warranty for end user from startup, or 30 months from shipment, whichever occurs first. This shall include all electrical components and burner components. In concurrence with parts warranty, manufactures local representative will provide two-year labor warranty.

### 3.2.6 Performance Requirements

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- B. ASME Compliance: Fabricate and label boilers to comply with the current version of the ASME Boiler and Pressure Vessel Code.
- C. ASHRAE/IES 90.1 Compliance: Boilers shall have minimum efficiency according to "Gas and Oil Fired Boilers - Minimum Efficiency Requirements."
- D. AHRI Testing: The boilers shall be tested and certified per AHRI requirements for efficiency ratings.
- E. UL Compliance: Test boilers for compliance with UL 795 and CAN1-3.1-77. Boilers shall be listed and labeled by a testing agency acceptable to authorities having jurisdiction.
- F. CSA or cULus certified as an indirect or direct vent boiler and comply with standard CAN1-3.1-77.
- G. Boiler and controls shall be compliant with ASME CSD-1 Code requirements.



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For securing boiler to concrete base.

- H. The boiler manufacturer shall provide required anchoring provisions. Contractor shall anchor boilers to meet specification requirements.

### 3.3 Product

#### 3.3.1 High Mass Firetube Stainless Steel Condensing Boilers

Note: Low-mass watertube style condensing boilers are not acceptable for this project.

- A. Manufacturers: Subject to compliance with requirements, provide products by the following available manufacturer offering products that may be incorporated into the Work shall include, but are not limited to, the following:
- B. Subject to compliance with requirements, provide Cleaver Brooks Clearfire Boiler(s) model CFC-E as indicated on Drawings or approved equal:

#### 3.3.2 Sample models/Specifications

1. Cleaver Brooks – (2) Model Clearfire CFC-E-1500 (Basis of Design)
  2. Bosch/Buderus model SB625
  3. Viessmann Vitocrossal 300 model CT3
- C. "Near condensing" copper fin designs, watertube, cast iron, cast aluminum, or "add-on" secondary condensing exchangers will not be considered. Boilers with minimum flow requirements also will not be considered.
  - D. Description: Each unit shall be a down-fired firetube type complete with burner and automatic controls. The boiler, with all piping and wiring, shall be a factory package. Each boiler shall be neatly finished, thoroughly tested and properly packaged for shipping. Boiler design and construction shall be in accordance with Section IV of the ASME Code for hot water heating boilers with a maximum working pressure of 125 PSIG.
  - E. Heat Exchanger: Duplex stainless steel tubes, tube sheets, and combustion chamber. The heat exchanger shall be a single-pass, counter-flow arrangement.
1. The firetubes shall be duplex stainless steel, fitted with aluminum internal heat transfer fins.
- F. Pressure Vessel: Carbon steel with welded heads and tube connections.



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- G. The boiler shall have one supply connection with dual return water connections. Boilers with only one return water connection will not be acceptable. The dual return water connections shall enable the boiler to operate in a condensing mode when as little as 10% of the flow is returned to the low temperature return with a maximum temperature of 120°F.
- H. The boiler pressure vessel shall have a minimum of 42 gallons of water volume/1000 MBH input.
- I. The boiler shall be low flow tolerant without minimum flow requirements or the use of a flow switch.
- J. The boiler shall have a minimum of 200 sqft/1000 MBH of effective fireside heating surface.
- K. Burner: Natural gas, forced draft burner mounted in and integral with the boiler hinged top door so when the door is opened the burner head, furnace, tubesheet, and tube entrances are exposed. The burner door shall utilize easy removable threaded handles, and the burner shall swing upward on gas assist piston arms, one on each side to provide open support of the burner assembly.
  - 1. The burner shall be a linkage-less, self-regulating, air-fuel ratio gas valve-venturi system. Burner regulation shall be accomplished without the use of fuel/air mixing valves.
  - 2. The burner shall be achieve sub 20 ppm NO<sub>x</sub> when firing on natural gas at all firing rates.
  - 3. Burner and fireside access shall be able to be performed by one service technician.
- L. Burner Head: shall be constructed of a stainless steel metal fiber for solid body radiation of the burner flame. Combustion shall take place on the surface of the burner mantle, which shall be constructed of a woven stainless steel metal fabric resulting a 360 degree low temperature radiant flame.
  - 1. Burner shall be minimum 5:1 fully modulating turndown. (Natural gas)
  - 2. Burner shall maintain no more than 7% O<sub>2</sub> levels throughout the firing rate without additional sensors, linkages, or controls.
    - a. The pre-mix design shall utilize a variable speed fan connected to a venturi to simultaneously modulate the fuel and air for a minimum 5:1 turndown. The valve-venturi design shall also act as a method for compensating for changes in barometric pressure, temperature, and humidity so the excess air levels are not adversely affected by changes in atmospheric conditions. External linkages and single speed fans shall not be acceptable.
- M. Blower: Centrifugal fan to operate during each burner firing sequence and to prepurge and postpurge the combustion chamber.





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1. The blower motor shall have a variable speed ECM motor with integrated drive electronics. Constant speed motors and variable frequency AC drives are not acceptable.
- N. Gas Train: The gas train shall meet the requirements of CSA/UL and ASME CSD-1 and shall include:
  1. Low Gas Pressure Interlock, manual reset.
  2. High Gas Pressure Interlock, manual reset.
  3. Upstream and downstream manual test cocks.
  4. Ball Type manual shutoff valve upstream of the main gas valve.
  5. Unibody double safety gas valve assembly.
  6. Union connection to permit burner servicing.
- O. Ignition: Spark ignition with 100 percent main-valve shutoff with UV scanner for flame supervision.
- P. Combustion air proving switch shall be furnished to ensure sufficient combustion airflow is present for burner ignition firing.
- Q. To ensure that the flue is not blocked, the burner shall include a High Air Pressure Switch sensing the outlet pressure connection relative to stack backdraft.
- R. Casing:
  1. Jacket: 18 gauge metal cabinet with snap-in or interlocking closures.
  2. Control Compartment Enclosures: NEMA 250, Type 1A.
  3. Finish: Powder-coated protective finish.
  4. Insulation: Minimum 2-inch thick, mineral-fiber insulation surrounding the heat exchanger.
5. Combustion-Air Connections: Inlet and vent duct collars.

#### 3.3.3 Trim

- A. Safety valve(s) shall be ASME Section IV approved side outlet type mounted on the boiler air vent outlet. Size shall be in accordance with code requirements and set to open at 60 psig.
- B. Temperature and pressure gauge shall be mounted on the water outlet.
- C. Solid State Low water cut-off probe control with manual reset and test switch.



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- D. Manual Reset High Limit Temperature sensor; range not to exceed 210 deg F and shall be an integral device of the Boiler Burner Control and UL Recognized as a limit control.
- E. Outlet water supply sensing probe for operating water limit setpoint.
- F. Return water-sensing probe for operating limit setpoint.
- G. Drain valve.
- H. Automatic air vent.
  
- I. Alarm lights and horn (general alarm light – red, fuel valve light – green, load demand light – white, low water light - amber)
- J. Alarm horn (electronic sounder)
- K. Stack temperature sensor – UL Recognized as a limit control.
- L. Condensate neutralization kit combination tank and trap.
- M. Automatic isolation valve, including valve, actuator, and transformer to power isolation valve through the boiler. The valve, actuator, and transformer shall ship loose for field installation and wiring.
  - 1. The isolation valve shall be Bray 2-way resilient seated butterfly valve, model ABL or approved equal, with ANSI 150# flanges, lugged style.
  - 2. The electric actuator shall a Bray Commercial actuator, or approved equal, 24VAC, fail in position, with auxiliary end switch.

#### 3.3.4 Controls

- A. The Boiler shall include a Falcon Computerized Boiler Burner control which shall be an integrated, solid state digital micro-processing modulating device, complete with sequence indication, fault reset, mode selection, and parameter set-point. It shall be mounted at the front of the boiler panel for easy access and viewing.
  - 1. Controller shall provide for both flame safeguard and boiler control through separate power supplied CPU's (to meet NFPA) and shall perform the following functions:
  - 2. Burner sequencing with safe start check, pre-purge, Electronic direct spark ignition and post purge. A UV scanner shall be used to prove combustion.



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3. Flame Supervision. The control shall provide pre-purge and post-purge and shall maintain a running history of operating hours, number of cycles, and the most recent fifteen lockouts. The control shall be connected to a touchscreen display interface that will display this information in clear English text descriptions.
4. Safety Shutdown with display of lockout or hold condition.
5. PID modulating control of the variable speed fan for firing capacity relative to load requirements; i.e. to meet supply water temperature set point.
6. Gas pressure supervision, high and low.
7. Combustion Air Proving Supervision.
8. High Air Pressure [back draft too high] Supervision.
9. The supply temperature and set-point temperature shall be displayed at all times on the touch screen display.
10. Controller shall be equipped with a touch screen display for set up, trouble shooting, and operational display, and shall include ModBus communication capability of this information.
11. Include the programming of circulating pump or isolation valve control and support the control of 2 heating demand loops.
  - B. All parameter input control set-points shall be factory pre-configured. Parameter settings are to be established to suit jobsite conditions -- settings are to be configured at the time of initial jobsite operation.
  - C. All controls to be panel mounted and so located on the boiler as to provide ease of servicing the boiler without disturbing the controls and also located to prevent possible damage by water according to UL and CSA requirements.
  - D. Electrical power supply shall be 115 volts, 60 cycle single phase.
  - E. When multiple boilers are to be installed together, a system integration control shall be provided to stage up to 8 boilers. The control shall include automatic selection of needed boilers based on energy demand, an adjustable outdoor reset schedule, domestic hot water priority, and a system digital display. The control shall stage and modulate the boilers utilizing firing rate threshold staging and parallel modulation to optimize condensing potential while minimizing energy wasting short cycling. This strategy takes full advantage of the inverse efficiency characteristic (lower fire rate, higher efficiency) of



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condensing boilers. The control shall monitor supply water temperature, return water temperature and shall communicate between boilers via RS-485 network wiring.

- F. The boiler controls shall include provisions for outdoor reset.
- G. The boiler controls shall include provisions for sending signal to start/stop primary boiler pump.
- H. Boiler shall have capability to have 24/7 remote monitor without connections to a BMS through an encrypted secure channel. The remote interface shall have the following features and capabilities
  - a. Display real time boiler system operation, cycle counts, temperature readings, and runs hours, firing rate, steam pressure, inlet/outlet water temps, alarms, stack temperature, and more
  - b. View data on mobile app and customizable online dashboard
  - c. Multiple user authorization with different levels of access
  - d. Multiple site integration to allow user to see all boiler plants and control individual plants
  - e. Email and text alerts
  - f. Data trending

#### 3.3.5 Electrical Power

- A. Single-Point Field Power Connection: Factory-installed and -wired electrical devices necessary shall provide a single-point field power connection to boiler. Separate power and control connections will not be allowed.
  - 1. House in NEMA 250, Type 1 enclosure.
  - 2. Wiring shall be numbered and color coded to match wiring diagram.
  - 3. Install factory wiring outside of an enclosure in a metal raceway or conduit.
  - 4. Field power interface shall be to non-fused disconnect switch.

#### 3.3.6 Venting

- A. Exhaust Stack: Complete system, per UL 1738 for Category IV appliances, stainless steel, pipe, vent terminal, thimble, vent adapter, and sealant.
- B. Each boiler to be vented individually.



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1. Stack to be designed and manufactured by boiler manufacturer.
- C. Combustion-Air Intake: Complete system, PVC pipe, vent terminal with screen, inlet air coupling, and sealant, by others.
- D. Each boiler to have individual air intake.

### 3.3.7 Source Quality Control

- A. Burner and Hydrostatic Test: Factory pressure test gas train, test fire burner and gas train assembly, and perform a functional controls test for all safety devices; perform hydrostatic test.
- B. Test and inspect factory-assembled boilers, before shipping, according to most current ASME Boiler and Pressure Vessel Code.

## 3.4 Execution

### 3.4.1 Boiler Installation

- A. Installation shall be provided by the contractor in accordance with the requirements of the codes specified hereinbefore. All of the contractor's work shall be performed by experienced personnel previously engaged in boiler plant construction and shall be under the supervision of a qualified installation supervisor.
- B. Equipment Installation:
  1. Install boilers on cast-in-place concrete equipment base(s). Comply with requirements for equipment bases.
  2. Comply with requirements for seismic-restraint devices.
  3. Install equipment in strict compliance with manufacturer's installation instructions.
  4. Install equipment in strict compliance with state and local codes and applicable NFPA standards.
  5. Maintain manufacturer's recommended clearances around sides and over top of equipment.
  6. Install components that were removed from equipment for shipping purposes.
  7. Install components that were furnished loose with equipment for field installation.
  8. Provide all interconnecting electrical control and power wiring.
  9. Provide all fuel gas vent and service piping.



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10. Provide all piping for boiler pipe connections.

### 3.4.2 Connections

- A. Piping installation requirements are specified in other Sections. Drawings indicate general arrangement of piping, fittings, and specialties.
- B. Install piping adjacent to boiler to allow service and maintenance.
- C. Install piping from equipment drain connection to nearest floor drain. Piping shall be at least full size of connection. Provide an isolation valve if required.
- D. Connect gas piping to boiler gas-train inlet with union. Piping shall be at least full size of gas-train connection. Provide a reducer if required. Piping shall be properly sized to minimize pressure drops for longer gas piping runs. Refer to boiler IOM for sizing and header recommendations.
- E. Connect hot-water piping to supply- and return-boiler tappings with shutoff valve and union or flange at each connection.
- F. Install piping from safety relief valves to nearest floor drain.
- G. Boiler Venting:
  1. Install flue venting and combustion-air intake.
- H. Ground equipment according to specification requirements.
- I. Connect wiring according to specification requirements.

### 3.4.3 Field Quality Control

- J. General: The boiler supplier's factory authorized service organization shall be responsible for performance of inspections, start up and testing of the package boiler, and accessory equipment and materials furnished under this Section. A detailed written record of the startup performance, including burner setting data over the entire load range shall be furnished to the engineer before final acceptance. All labor, equipment, and test apparatus shall be furnished by the authorized service organization. All equipment defects discovered by the tests shall be rectified either by the service organization or boiler manufacturer.



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- K. Equipment inspection: Boiler representative shall inspect boilers and other equipment upon arrival, verifying completeness of equipment supplied and potential damages. All shipped loose components, to be mounted and installed on boiler by contractor.
- L. Equipment shall be flushed prior to start-up per the water treatment company guidelines and product installation manual requirements.
- M. Pre start-up walk through: Boiler representative shall review the installation with the mechanical contractor prior to start-up and note any required changes prior to start-up.
- N. Start-up shall be conducted by experienced and factory authorized technician in the regular employment of the authorized service organization, and shall include:
  - 1. Demonstrate that boiler, burner, controls, and accessories comply with requirements of this Section as proposed by the boiler and accessories supplier. Pre-test all items prior to scheduling the final testing that will be witnessed by the test engineer.
  - 2. Readings at different firing rates (20, 50, 75 and 100%) of load for the modulating burner shall be taken with a written report of the tests submitted to the engineer. The reports shall include readings for each firing rate tested and include stack temperatures, O<sub>2</sub>, CO, NO<sub>x</sub>, and overall boiler efficiency.
  - 3. Auxiliary Equipment and Accessories: Observe and check all valves, draft fans, electric motors and other accessories and appurtenant equipment during the operational and capacity tests for leakage, malfunctioning, defects, and non-compliance with referenced standards or overloading as applicable.
  - 4. Commissioning Requirements:
    - 1. Fireside inspection
    - 2. Set up fuel train and combustion air system
    - 3. Set up operating set points
    - 4. Check all safeties, including Flame safeguard, LWCO, Airflow, Fuel pressures, High limits.
    - 5. Set up and verify efficiencies at 20%, 50%, 75%, and 100%
    - 6. Set up and verify burner turndown.

Retain "Perform the following tests and inspections" Paragraph below to require Contractor to perform tests and inspections.



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**3.4.3 Demonstration**

- A. Training to include all safety procedures, maintenance procedures, control operations, and diagnostic procedures. Training to be provided in a single 4 hour continuous session to accommodate operator's availability on site.

**3.5 Vendor Information**

**3.5.1 Company Background Information**

- 3.5.1.1 Legal name of the company
- 3.5.1.2 Number of years in business
- 3.5.1.3 Headquarters location address, phone number, website
- 3.5.1.4 Company type
- 3.5.1.5 Number of employees
- 3.5.1.6 Tax ID number

**3.5.2 Company Experience and References**

- 3.5.2.1 Please describe the product/market differentiators that distinguish you in the industry and make you capable of competing for this project.
- 3.5.2.2 Please provide project details for at least two (2) projects of similar size and scope to that requested by EPSD. Project details should include:
  - 3.5.2.2.1 Deployment date and period of performance
  - 3.5.2.2.2 Overview of project performance, including successes, challenges, etc.
- 3.5.2.3 Vendors are free to submit references they wish the East Providence School District to consider. However, the East Providence School District reserves the right to investigate references for any and all projects on which the vendor has worked in the last three (3) years.

**3.5.3 Vendor/Subcontractor Information**

- 3.5.3.1 The vendor and subcontractors of the vendor will maintain at their own expense during the term of this contract, the following insurances:
  - 3.5.3.1.1 Workers' Compensation Insurance with Rhode Island statutory limits and Employers Liability Insurance with a minimum limit of \$100,000 each accident for any employee.





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3.5.3.1.2 Comprehensive/Commercial General Liability Insurance with a combined single limit of \$1,000,000 each occurrence for bodily injury and property damage.

3.5.3.1.3 Automobile Liability Insurance covering all owned, hired and non-owned vehicles with a minimum combined single limit of \$1,000,000 each accident for bodily injury and property damage.

3.5.3.1.4 Insurance companies, named insurers and policy forms shall be subject to the approval of the East Providence School District. Insurance policies shall not contain endorsements or policy conditions which reduce coverage provided to the East Providence School District. Vendor and any subcontractors shall furnish East Providence School District Project Coordinator with certification of insurance evidencing such coverage and endorsements at least ten (10) working days prior to commencement of services under this contract.

#### **3.5.4 Minority/Women Business Enterprise**

In accordance with RI Gen. Law § 37-14.1-1, it is the policy of the State of Rhode Island to support the fullest possible participation of firms owned and controlled by minorities (MBEs) and women (WBEs). Pursuant to §§ 37-14.1-2 and 37-14.1-6, MBEs and WBEs shall be included in all state purchasing, including, but not limited to, the procurement of goods, services, construction projects, or contracts funded in whole or in part with state funds, or funds which, in accordance with a federal grant or otherwise, the state expends or administers. MBEs and WBEs shall be awarded a minimum of ten percent (10%) of the dollar value of the entire procurement or project. MBE participation credit shall only be granted for firms duly certified as MBEs or WBEs by the State of Rhode Island, Department of Administration, Division of Equity, Diversity and Inclusion. The current directory of firms certified as MBEs or WBEs may be accessed at <https://dedi.ri.gov/divisions-units/minority-business-enterprise-compliance-office/minority-business-enterprise-mbe>.

## **4 EVALUATION PROCESS**

The district contemplates award to the lowest priced, technically acceptable vendor proposal. To determine whether proposals are technically acceptable, the district will determine whether each proposal is complete; whether it is responsive to all requirements established herein; whether the proposing vendor maintains and has submitted documentation of applicable certifications from Manufacturer(s) selected; and whether references related to past performance are favorable. With



## East Providence School Department

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### Boiler Replacement – Myron J. Francis School

regard to references, vendors are free to submit references they wish the East Providence School District to consider. However, the East Providence School District reserves the right to investigate references for any and all projects on which the vendor has worked in the last three (3) years. Proposals not deemed technically acceptable may be eliminated from consideration.

The East Providence School District may choose to seek clarifications from vendors with regard to their proposals. All responses will be provided in writing, and incomplete or unclear responses may result in a proposal being deemed technically unacceptable. However, the East Providence School District reserves the right to make a selection without requesting.

clarification. Additionally, the East Providence School District may not necessarily seek clarifications from all vendors submitting proposals.

Any contract awarded under this RFP is subject to funding, and approval by the East Providence School Committee. The East Providence School District reserves the right to make no awards under this RFP.

Each vendor proposal will be reviewed and scored using the following criteria and maximum point values per topic:

Criteria	Available points	Points awarded
Meets technical requirements	30	
Pricing	35	
Past project experiences	25	
References	10	

***Attach vendor quote(s) to last page***