



**Halifax**

Regional Centre for Education

**RFP# 4277**

**Heating Distribution System Upgrades  
Inglis Steet Elementary School  
Addendum #1**

To: All Bidders

Date: September 09<sup>th</sup>, 2025

From: Nancy Rideout, Purchasing Manager  
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**The bid documents shall be amended, and new drawings and clauses added, and shall become part of the contract documents as follows:**

**Response to Questions & Clarifications:**

**Question 1: Regarding Proposed Alternate for Pumps & Heat Manufacturers:**

**Response:**

The proposed Flo-fab pumps is not acceptable. The as-tendered pumps shall be utilized.

The Alternate heater manufacturers are acceptable **but only if the following can be provided for review and acceptance prior to Tender close.**

The product shall match the construction methods of the Jaga Strada (as per below), including a maximum cabinet height of 14" due to space constraints. Capacities shall be based on a 170F average water temperature, and 65F entering air temperature (which puts the 3<sup>rd</sup> level heaters in the range of 2150BTU/hr/ft of active length). There shall be an allowance provided for 18" of inactive section at either end of the heater enclosure, to allow for fittings. Contractor shall allow for all required accessories to extend the heater to the walls at either end of the windows.

## **Jaga Strada Heater Construction:**

### **2.1 Cabinets**

- 2.1.1 The Cabinet shall be fabricated with 16 gauge electrolytic galvanized steel and will be coated epoxy polyester baked at 392°F. Available in two colours as standard White or grey metallic. Custom colours available upon request.
- 2.1.2 The Top grille shall provide supply air and bottom shall provide return.
- 2.1.3 The Cabinet front face shall be constructed of a single uniform piece seamless in construction.
- 2.1.4 The Cabinet shall be fabricated with heat exchanger support bracket. Standard configuration will be center mounted.
- 2.1.5 All Valve connections shall be made inside of the cabinet unless separate enclosures are supplied.
- 2.1.6 The Cabinet shall be fabricated such that there are no exposed corners or gaps. All corners shall be joined to form one solid piece – gaps are not permitted.
- 2.1.7 The unit shall come with locate and fasten support structure.
- 2.1.8 The Cabinet shall be factory Parts Warranted for 10 Years

### **2.2 Heat Exchanger**

- 2.2.1 The Heat exchanger shall be of copper and aluminum construction. Shall be composed of round, seamless circulation tubes pure red copper, and two brass collectors.
- 2.2.2 The Fins shall be connected to the heat exchanger by expansion method only.
- 2.2.3 The Heat exchanger shall be rated for 290PSI working pressure.
- 2.2.4 The Heat exchanger shall be easily removable from cabinet if required.
- 2.2.5 The Heat exchanger shall be coated with dirt repellent and dust proof lacquer in graphite grey with 70% gloss to match cabinet.
- 2.2.6 The Heat exchanger shall be made to accommodate Jaga's Dynamic Boost Effect fans to increase heating output of the exchanger if so chosen.
- 2.2.7 The Heat exchanger shall be standard same end supply/ return. Opposite end heat exchangers as option.
- 2.2.8 The Heat exchanger shall have ASTM G53 certification.
- 2.2.9 Each individual heat exchanger shall have EN442 certification. Output Correction factors will not be considered equivalent to establish output capacities.
- 2.2.10 Each Heat exchanger shall be of ultra low thermal inertia in design.
- 2.2.11 Each Heat exchanger shall come with 1/8" air vents hole and 1/2" drain plug hole, 1/2" NPT hydronic connections. NPT to BSP adapters not accepted.
- 2.2.12 The Heat Exchanger fins shall be corrugated by design.
- 2.2.13 The Heat Exchanger shall be shipped with vacuum sealed protection.
- 2.2.14 The Heat Exchanger shall be factory Parts Warranted for 30 Years

**Question 2.** On drawing E102, it shows that UH116 and UH122 are being fed from panel MDP. The run would have to travel up a floor and through the gym. Could we feed these units from panel L instead as this panel is located in the gym?

**Response:**

Revise the supply circuit for UH-116 to Panel “L” circuit 23 the supply circuit for UH-122 to Panel “L” circuit 25.

**3. Response to Clarification:**

Controls contractor shall supply all Victaulic control valves, to be installed by mechanical contractor.

**RFP# 4277 - End of Addendum #1**

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*PLEASE SIGN BELOW AND RETURN WITH BID DOCUMENTS:*

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Signature

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Company Name