

# **Arena-6-20-2023-E - Water Heater Replacement and Hot Water Recirculation Modification Scope of Work**

**PROJECT DESCRIPTION:** Replace four (4) existing 120-gallon commercial gas water heaters with new. Upgrade circulating pumps.

**SCOPE OF WORK:** Provide all labor, materials, equipment, and tools necessary to remove and replace four (4) existing 120-gallon commercial gas water heaters with new. Service will consist of:

- Removal of existing water heaters (4) and replace with new RHEEM Triton GHE119 SS 500 with the following specifications:
  - Built in smart monitoring technology.
  - Leak detection and prevention system.
  - Preventive maintenance alerts.
  - Advance diagnostics - ongoing systems monitoring including igniter, flame sensor, tank and combustion health.
  - Energy efficient full modulation and scheduling capability.
  - ENERGY STAR® rated.
  - NSF rated.
  - Maximum temperature setting 185°F.
  - Fuel: Natural gas
  - Tank capacity: 119
  - Porcelain/glass coated, ASME grade steel.
- Removal and installation of two (2) Armstrong circulating pumps.
- Pour concrete pads if necessary to fit new heaters.
- Connect equipment to existing utility line as needed.
- Modify existing supply and return piping as needed to accommodate new style boilers.
- Balance system flow and program boiler staging.
- Provide user training and operating standard procedures.
- Provide 24-hour emergency service with a maximum response time of two hours.

## **APPROXIMATE PROJECT COST:**

## **TIMELINE:**

- Procurement of materials and installation must be completed within three (3) weeks of vendor approval.
- Vendor must coordinate field measurements and installation schedule with Arena event schedule to avoid delay of work.
- Vendor must submit a schedule of anticipated workdays to Director of Operations for approval and must account for events as follows:
  - Event Days – crews allowed onsite from 7am – 3pm when the event occurs in the evening.
    - At no time shall Hot water system be left inoperable for an event.
    - Crews will not be allowed onsite when an event occurs in the morning and/or afternoon (e.g., Disney on Ice matinees and school shows); and
  - Non-Event Days – crews allowed onsite for extended hours as needed.

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**WARRANTY:**

- Five (5) years from the date of installation.

**RESTRICTIONS:**

- The proposed Vendor must have the following experience and certifications:
  - Vendor shall provide a list of a minimum of three (3) facilities (facility, contact name, title, address and current phone number) where the Vendor has provided equipment and services of equivalent size and scope within the last five (5) years.
  - Proof of completed projects must be submitted at time of proposal.
  - State of Florida certified Master Plumbing Contractor License.

**INSURANCE:**

- Vendor shall purchase and maintain during the entire project and for two years after project completion insurance with the minimum limits and coverage shown below from insurance companies acceptable to Basketball Properties, Ltd. (“BPL”). BPL has the right to reject unacceptable insurance carriers.

<b>STANDARD INSURANCE REQUIREMENTS</b>	
<b>Coverage Type</b>	<b>Limits</b>
General Liability	
Auto Liability (All Hired Non-Owned)	
Worker’s Compensation	

- Vendor shall carry standard ISO General Liability coverage, written on an occurrence basis - including Completed Operations. Coverages on an occurrence basis shall be maintained without interruption from date of commencement of the Vendor’s Work until date of final payment or date coverage is required to be maintained after final payment to the Vendor, whichever is later. The coverage must be endorsed to name Basketball Properties, Ltd., City of Miami, and Miami-Dade County as additional insureds on a primary and non-contributory basis.