



## REQUEST FOR PROPOSALS

Pritzker Family Children's Zoo HVAC System Installations & Upgrades

### **Introduction**

Lincoln Park Zoo is a historic, 49-acre zoo located in the heart of Chicago. Lincoln Park Zoo cares for nearly 175 species, employs almost 300 full-time and seasonal workers, and welcomes 3 million visitors annually from around the world. It is committed to Chicago's communities, offering camps, programs, and events year-round.

### **Overview**

Lincoln Park Zoo is seeking proposals from qualified vendors for the procurement, installation, and upgrading of specific HVAC systems in the zoo's Pritzker Family Children's Zoo building.

### **Scope**

1. **Removal & Replacement of Rooftop Air Handler Unit (AHU):**
  - Removal and disposal of existing AHU.
  - Procurement and installation of new AHU, maintaining like-for-like specifications.
  - Connection to existing ductwork, electrical supply, and control systems.
  - Testing and commissioning of the new AHU.
  - Unit is located on the east side of the Pritzker Family Children's Zoo roof.
  - Reference photos 1a and 1b.

### **Logistics**

- **Project Schedule**
  - RFP Released: June 14, 2024
  - Proposals Due: July 5, 2024
  - Decision communicated: Week of July 22, 2024
  - Installation Goal: Summer 2024

- **Submission Requirements**
  - Provide an overview of the company's organization, resources, and support capabilities.
  - Provide detailed specifications of equipment including brand, model, capacity, energy efficiency ratings, and warranties.
  - Provide detailed breakdown of costs including equipment, labor, materials, and any additional expenses.
  - Include installation plan and timeline.
  - Provide information regarding bidder's status in the Business Enterprise Program (BEP): Minority Business Enterprise, Women Business Enterprise, etc. Contractors certified as such are preferred.
  - Include your company's Diversity Statement or policy.
  - Provide a list of current and past projects employing your company's services that have similar requirements to those of the zoo's proposal.
  - Successful bidders must comply with the Illinois Prevailing Wage Act.
  - The preferred format for submission is PDF.
- **Submission Inquiries and Delivery**
  - A site walk-through may be scheduled if prospective bidders are interested. Please reach out to Project Manager Hannah Sorich via email at [hsorich@lpzoo.org](mailto:hsorich@lpzoo.org) to schedule.
  - If you have questions, please email Director of Purchasing Marla Molinelli at [mmolinelli@lpzoo.org](mailto:mmolinelli@lpzoo.org) and Project Manager Hannah Sorich at [hsorich@lpzoo.org](mailto:hsorich@lpzoo.org).
  - Please submit your proposals to Director of Purchasing Marla Molinelli at [mmolinelli@lpzoo.org](mailto:mmolinelli@lpzoo.org) and Project Manager Hannah Sorich at [hsorich@lpzoo.org](mailto:hsorich@lpzoo.org) by July 5, 2024. Late proposals will not be accepted.

### **Selection Criteria**

Selection criteria will include, but not be limited to, the following:

- Quality and suitability of the proposed equipment and installation plans.
- Qualifications and experience.
- Current and previous comparable projects.
- Timeline and budget.

### **Reference Photos**

1a.



1b.

# AAON, Inc.

TULSA, OKLAHOMA

ANSI Z21, CAN/CSA-1992 CENTRAL FURNACE  
 MODEL NUMBER **57302**  
**RN-040-8 0-AB02-3A9:BEHQLOAFEHAF A0A00D0L000A00B000U**  
 SERIAL NUMBER **200410-ANGV00624**



51034  
 CONFORMS TO UL STANDARD 1995  
 CERTIFIED TO CAN/CSA STD C22.2 NO. 236

ELECTRICAL RATING  
 RATED VOLTS **208** VAC **60** HZ **3** PHASE  
 MINIMUM CIRCUIT AMPACITY **211** AMPS MAXIMUM FUSE  
 MAXIMUM CIRCUIT BREAKER (HACR TYPE) **225** AMP

MOTOR	QTY	HP	VAC	PH	RPM	FLA	RLA	LRA	DRIVE
Compressor	4		208	3	3500		30.1	225	D
Compressor									
Condenser	4	.75	208	1	1075	5.4			D
Evaporator	2	10	208	3	1760	30.8			D
Combustion Air	2	.25	208	1	3000	1.7			D
Power Exh.	1	3	208	3	1170	10			D
Addl Mtr.									

EQUIPPED FOR GAS **NAT** TEMPERATURE RISE RANGE **15-45** TEMPERATURE RISE **30**  
 MANIFOLD PRESS. **3.5** "WC MAX INLET PRESS. **10.5** "WC MIN INLET PRESS. **6.0** "WC

DESIGN MAXIMUM OUTLET TEMPERATURE **180** °F  
 MAXIMUM LIMIT SETTING **300** °F

CAPACITY ALTITUDE	INPUT MBH	OUTPUT MBH	MIN. INPUT MBH (2 STAGE GAS VALVE)
0-2000 Ft.	540	437	
2000-4500 Ft.			

MINIMUM AMBIENT TEMPERATURE IN WHICH GAS HEAT UNIT MAY OPERATE (CGA) **-40** °F

**CLEARANCES**

FLOOR - UNIT MUST BE INSTALLED ON MINIMUM 12" HIGH CURB WHICH MAY BE ON COMBUSTIBLE FLOOR (CANADA & USA) OR CLASS A, B, OR C ROOF COVERING MATERIAL (USA ONLY).

TOP - NO OBSTRUCTION  
 FRONT- **48** LEFT SIDE- **48** RIGHT SIDE- **48** BACK- **48**

FACTORY CHARGE  
 FACTORY CHARGE PER SYSTEM (1) **288** oz (2) **288** oz (3) **288** oz (4) **288** oz  
 (OUNCES) REFRIGERANT **R-22** (5) oz (6) oz (7) oz (8) oz

CAUTION: USE TIME DELAY TYPE FUSES.  
 FOR NON-RESIDENTIAL USE ONLY. NOT SUITABLE FOR USE WITH CONVENTIONAL VENTING SYSTEM.  
 FORCED AIR FURNACE WITH OR WITHOUT COOLING UNIT, CATEGORY III  
 FOR OUTDOOR INSTALLATION ONLY. CERTIFIED FOR INSTALLATION DOWNS TREAM FROM REFRIGERATION SYSTEM.

**WARNING**

THIS UNIT MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND LOCAL CODES. IN THE ABSENCE OF LOCAL CODES, FOLLOW THE NATIONAL FUEL GAS CODE, ANSI Z223.1-1992 (USA) OR CAN/CSA-B8149.1 OR 2-INSTALLATION CODES (CANADA). IMPROPER INSTALLATION, ADJUSTMENT, ALTERATION, SERVICE OR MAINTENANCE CAN CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OF LIFE. REFER TO THE USER'S INFORMATION MANUAL PROVIDED WITH THIS FURNACE. INSTALLATION AND SERVICE MUST BE PERFORMED BY A QUALIFIED INSTALLER, SERVICE AGENCY OR THE GAS SUPPLIER.  
 FOR YOUR SAFETY, DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE.

**RTU-1 NO CONTROLS**