



REQUEST FOR PROPOSALS

Conservation & Science 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 approximately 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 Conservation & Science building.

Scope

1. Removal & Replacement of Four (4) Air Handler Units (AHUs):

- Removal and disposal of existing AHUs – three large Carrier units and one Sanyo wall unit.
- Procurement and installation of new AHUs, maintaining like-for-like specifications.
- Connection to existing ductwork, electrical supply, and control systems.
- Testing and commissioning of the new AHUs.
- Units are located outside on the ground of the service drive parking lot area next to the building.
- Reference photos 1a and 1b.

2. Removal & Replacement of Rooftop AC Unit:

- Removal and disposal of existing AC unit – rooftop Carrier unit.
- Procurement and installation of a new rooftop AC unit, maintaining like-for-like specifications.
- Connection to existing ductwork, electrical supply and control systems.
- Testing and commissioning of the new rooftop AC unit.
- Reference photos 2a – 2d.

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 information regarding bidder's status in the Business Enterprise Program (BEP): Minority Business Enterprise, Women Business Enterprise, etc. Contractors certified as such are preferred.
 - Provide an overview of the company's organization, resources, and support capabilities.
 - Include detailed specifications of equipment including brand, model, capacity, energy efficiency ratings, and warranties.
 - Include detailed breakdown of costs including equipment, labor, materials, and any additional expenses.
 - Provide installation plan and timeline.
 - 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 to schedule.
 - If you have questions, please email Director of Purchasing Marla Molinelli at mmolinelli@lpzoo.org and Project Manager Hannah Sorich at hsorich@lpzoo.org.
 - Please submit your proposals to Director of Purchasing Marla Molinelli at mmolinelli@lpzoo.org and Project Manager Hannah Sorich at 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.

																				
MODEL 38AKS034---500--										SERIAL 0298F16700										
QTY		VOLTS AC		PH	HZ	RLA	LRA	REFRIG/ SYSTEM	R-	22	DESIGN / TEST PRESSURE GAGE									
COMP	1	208/230		3	60	106.5	506	LBS		kg	HIGH PSI 480		kPa 3310							
COMP								LBS		kg	LOW PSI 235		kPa 1620							
FAN MOTORS		QTY	VOLTS AC		PH	HZ	FLA		HP		KW OUT									
OUTDOOR		2	208/230		3	60	6.2		1.0		.75									
OUTDOOR																				
INDOOR																				
OTHER																				
HEATERS									TOTAL		SUITABLE FOR OUTDOOR USE									
POWER SUPPLY		208/230		VOLTS	3	60	PH	HZ	CKT	MIN CIRCUIT AMPS		MAX OVERCURRENT PROTECTIVE DEVICE AMPS								
PERMISSIBLE VOLTAGE AT UNIT		254		MAX	187		MIN	1		145.5		250		FUSE OR HACR BKR						
CONTROL POWER SUPPLY		115		VOLTS	1	60	PH	HZ	7	AMPS	2									
MIN CLEARANCE TO COMBUSTIBLE MATERIALS _____ INCHES _____ mm. FOR FIRST _____ INCHES _____ mm. OF DUCT WHEN ELECTRIC HEATER IS INSTALLED										TEST WITH EXTERNAL STATIC _____ inches _____ kPa H ₂ O.										
MADE IN USA										CHARGE SYSTEM PER INSTALLATION INSTRUCTIONS										
										99NA505293										
										P										

781897		981	
38AKS034---5		0298F16700	

1b.



2a.







2b.



2c.



2d.

Carrier Corporation TYLER, TEXAS		MODEL 38ARS012---511--		SERIAL 1904G30044			
FACTORY CHARGED							
COMPR	QTY	VOLTS AC	PH HZ	RLA	LRA	REF. SYSTEM R-22	TEST PRESSURE GAGE
COMPR	1	208/230	360	36	198	2.0 LBS	0.91 kg HI 428 PSI 2951 kPa
FAN MTR	QTY	VOLTS AC	PH HZ	FLA		LBS	kg LO PSI kPa
OUTDOOR	2	230	160	1.5			
OUTDOOR							
OTHER							
OTHER							
CHARGE SYSTEM PER INSTALLATION INSTRUCTIONS SUITABLE FOR OUTDOOR USE						POWER SUPPLY	208/230 3 PH 60 HZ
MIN CIRCUIT AMPS 48.0						PERMISSIBLE VOLTAGE AT UNIT	254 MAX 187 MIN
MIN UNIT DISCONNECT						POWER SUPPLY	PH HZ
						PERMISSIBLE VOLTAGE AT UNIT	MAX MIN
						FLA	LRA
						44.9	204
						MAX FUSE OR HACR TYPE BRKR AMPS	
						60	
							
							
 LISTED CONDENSING UNIT 36HZ							
