



Rice University  
Request for Proposal #2019-06-001

Primary Data Center Services – Cooling and Power Systems Maintenance

Proposal due: June 24, 2019 at 5:00 PM CST

# 1 RFP Description and Schedule

## 1.1 Description

Rice University welcomes competitive Requests for Proposals (RFP) from the qualified suppliers to provide maintenance on Cooling and Power Systems at our two (2) Primary Data Centers. This document outlines the objectives, describes the general characteristics of the services to be provided, and (without being exhaustive) outlines the principal obligations of Rice University and the proposer.

All Proposers –

- May find the RFP documents on the Rice University's Solicitation Opportunities website at <https://buy.rice.edu/solicitation-opportunities>.
- Are responsible to check the Solicitation website frequently for amendments and other related information to this RFP.
- Must submit their *Intent to Bid* on or before June 5, 2019 by 2pm to Edwin Martinez e-mail: [edwin.martinez@rice.edu](mailto:edwin.martinez@rice.edu) and Charlita Marrs email: [cam3@rice.edu](mailto:cam3@rice.edu)
- Must submit their questions and/or comments regarding the RFP, evaluation, etc., must contact Edwin Martinez e-mail: [edwin.martinez@rice.edu](mailto:edwin.martinez@rice.edu) and Charlita Marrs email: [cam3@rice.edu](mailto:cam3@rice.edu) on or before June 17, 2019 by 5:00 PM.
- Must submit their final proposals to Edwin Martinez e-mail: [edwin.martinez@rice.edu](mailto:edwin.martinez@rice.edu) and Charlita Marrs email: [cam3@rice.edu](mailto:cam3@rice.edu) on or before June 24, 2019 by 5:00 PM.
- **May not contact other Rice University personnel regarding this RFP.**

## 1.2 Event Schedule

Rice University reserves the right to alter this schedule, as it deems necessary or appropriate.

<b><u>Event</u></b>	<b><u>Due Date</u></b>	<b><u>Closing Time (CST)</u></b>
Rice Issues RFP	June 4, 2019	2:00pm
Proposers Submit Intent to Bid	June 10, 2019	2:00 pm
Pre-Proposal Meeting (mandatory)	June 10 – June 14, 2019	To Be Scheduled
Proposers Submit Questions and Requests for Clarification	June 17, 2019	5:00 pm
Rice Responds to Questions and Clarifications	June 18, 2019	
Proposers Submit Proposals	June 24, 2019	5:00 pm
Proposers Presentations (Finalists)	June 27, 2019	To Be Scheduled
Rice Sends Award Notification	July 3, 2019	5:00 pm
Contract Negotiation and Execution	TBD	

## **2 Project Overview and SOW**

### **2.1 Overview**

Rice University is a private non-profit University. Rice University is a comprehensive research university that fosters diversity and intellectual environment that produces the next generation of leaders and advances tomorrow's thinking. Rice University's Primary Data Centers is located approximately 6 miles from Rice University at 11620 Main Street in Houston, TX. Rice University also has a smaller data center facility located on the main campus.

### **2.2 Services to be provided; Scope of Work**

Rice University is seeking a vendor that can provide maintenance of the cooling and power systems for Rice University's two data centers.

Rice is seeking coverage options from bidding vendor:

1. Preventative Maintenance plus 250 regular labor hours (undefined for additional support).
2. Preventative Maintenance plus 24/7/365 parts & labor maintenance/repair coverage (optional).

In order to insure the continuous and efficient operation of Rice University's data centers, the selected Proposer shall be required to provide all services detailed in Attachment A.

In addition, the selected Proposer will be required to comply with the service level agreement (SLA) requirements detailed in Attachment B.

In particular, the selected Proposer will be required to:

- a. Comply with all applicable federal, state and local laws, ordinances, executive orders, rules, regulations, interpretations and requirements.
- b. Follow industry guidelines and best practices during service and repair calls.
- c. Provide service details for each system covered under the agreement between Rice University and the selected Proposer in a method of procedure (MOP). No MOP may cause an unscheduled disruption to the function of the critical system it is pertinent to. Proposed MOP documents will be presented, reviewed and approved by Rice University prior to commencement of services under the agreement between Rice University and the selected Proposer.

MOPs will be required for the following equipment (critical power & cooling equipment, monitoring control systems).

Proposers are to follow manufacturers' recommended directions.

### **Primary Data Center**

- Three (3) 625 kVA Emerson U39SA625A AAB UPS systems
- Nine (9) strings of Emerson sealed battery cabinets
- Two (2) CAT 2,000 kW diesel back-up generators
- Three (3) ASCO automatic transfer switches
- Three (3) Square D medium voltage transformers

- Thirteen (13) Liebert CRAC Units, 4 in Pod A, 6 in Pod B and 1 in each electrical room.
- One (1) Temtrol WF-DH118 chilled water AHU
- Three (3) ABB variable frequency drives
- Two (2) York chillers
- Four (4) Tridium JACEs for building management system
- Electrical Panels: All data center SquareD/Liebert power distribution circuit breaker panels and Notifier/Fike fire suppression system control panels.

### **Mudd Data Center**

- Two (2) 300 kVA Toshiba T8053K30KK6XSN UPS systems
- Two (2) strings of Toshiba sealed battery cabinets
- One (1) CAT 150 kW diesel back-up generator
- One (1) Cummins 80 kW diesel back-up generator
- Four (4) ASCO automatic transfer switches
- Two (2) Liebert HVAC DX units
- Six (6) Liebert HVAC units
- Three (3) Liebert condenser units
- Electrical Panels: All data center SquareD/Liebert power distribution circuit breaker panels and Notifier/Fike fire suppression system control panels.

MOPs are to follow manufacturers' recommended procedures.

d. Ensure that breaches of security protocol are reported to the designated Rice University representative immediately.

### **2.3 Term**

The contract between Rice University and the successful Proposer will have a term of one (1) year. Other terms regarding the contract will be negotiable (e.g., renewals, termination, etc...)

### **2.4 Proposal Pricing**

Proposers must submit their proposed pricing by completing the pricing matrix attached hereto as Attachment C.

### **2.5 Proposer/Personnel Minimum Requirements**

Proposers must have demonstrated experience providing the services that are the subject of this RFP and provide these services, per terms, in the Rice University Professional Services Agreement (PSA) attached hereto as Attachment D.