



Procurement Department Bid Office  
Customer Center 1<sup>st</sup> Floor, Room 002  
21 W. Church Street  
Jacksonville, Florida 32202

September 20, 2017

ADDENDUM NUMBER: One (1)

TITLE: District Energy System Continuing Engineering Services

JEA RFP NUMBER: 098-17

RFP DUE DATE: October 3, 2017

TIME OF RECEIPT: 12:00 PM

TIME OF OPENING: 2:00 PM

**THIS ADDENDUM IS FOR THE PURPOSE OF MAKING THE FOLLOWING CHANGES OR CLARIFICATIONS:**

1. **INQUIRY:** How has the recent hurricane impacted travel to/from airport to JEA office and chiller plants?  
➤ **RESPONSE:** Travel has not been effected in these areas
2. **INQUIRY:** Can JEA provide a list of instructions on how to access a list of certified Jacksonville Small and Emerging Businesses (JSEB) who have either performed engineering services at any of the four JEA chiller plants within the past 7 years who are in good standing with JEA?  
➤ **RESPONSE:** Contact Nadine Carswell at [CarsGS@jea.com](mailto:CarsGS@jea.com) or 904-665-6257 for this information
3. **INQUIRY:** Has either the initially set mandatory pre-bid date of 9/22/17 or proposal due date of 10/3/17 changed?  
➤ **RESPONSE:** Niether of these dates have changed
4. **INQUIRY:** What engineering firms have been retained by JEA to provide professional engineering services for various projects at the JEA chiller plants who are in good standing with JEA?  
➤ **RESPONSE:** JEA does not have a list of firms that are in good standing with JEA. Jacobs is JEA's current firm.
5. **INQUIRY:** On page 6 of 26 of the JEA solicitation, it states "...at least one (1) chilled water plant with a capacity of 4,000 tons each with at least two (2) separate connections. The facility must include thermal storage along with an emergency generator back-up for operation of the chilled water plant."

If the chilled water piping for the thermal energy storage (TES) facility is connected to the same chilled water distribution system as the chiller plant, but located remote (few blocks away) from the chiller plant, does this meet the TES-related JEA's requirements?

- **RESPONSE:** Yes, if the TES and chiller plant were part of same project.

As related to this same requirement of successfully having completed two (2) new or expansion projects during the past seven (7) years as of the RFP due date (Last paragraph of page 5 of 26 of the JEA RFP), there already existed an emergency generator for back-up for operation of the above referenced chiller plant; thus there was not emergency generator system to design. However, if the Engineer has designed another emergency generator installation for back-up of both central boiler plant and central chiller plant, does this experience meet JEA's requirements that relate to an emergency generator?

➤ **RESPONSE:** No

For example, Lutz, Daily & Brain, LLC Consulting Engineers (LDB) has recently designed two 3150 ton electric motor driver chillers for Texas Tech University and two 2925 ton chillers for Kansas State University, but neither of these two projects included a thermal energy storage (TES) tank or emergency generator system.

Also, LDB recently designed two 2500 ton chillers at the University of Nebraska-Lincoln (UNL) City Campus Utility Plant and later did the mechanical, electrical, structural and civil design on an 8,150,000 gallon chilled water TES tank that is to go into operation this fall that is connected to the same UNL City Campus chilled water distribution system generator system in place.

In addition, LDB performed the mechanical and electrical design on the UNL East Campus 2,900,000 gallon chilled water TES facility. Again, the backup emergency generator was not part of this project. In this project the UNL East Campus TES facility is connected to the same chilled water system as their East Campus Utility Plant where three chillers are installed. LDB designed one 3000 ton chiller there, but it was installed over 20 years ago. At the recently installed UNL East Campus TES facility, LDB later designed a 2500 ton chiller addition with provisions for installing a future 2500 ton chiller plant addition.

At the University of Virginia (UVA) Central Heating Plant which is constructed adjacent to one of UVA's chiller plants, LDB designed a 2 MW emergency generator addition which serves as back-up to their existing boiler plant and chiller plant. This emergency generator was tied to an existing emergency generator to provide an adequate supply of back-up electrical power.

In view of the above, do these LDB designed projects meet the JEA experience requirements as stated in the first bullet on page 6 of 26 of the JEA RFP?

- **RESPONSE:** No, bullet in section 1.2.1. Minimum Qualifications one has requirement of 4000 tons with emergency generation in one project.

6. **INQUIRY:** The Note this is listed in bold print after the second bullet on page 6 of 26 of the JEA RFQ states (paraphrasing) that "...one of the two projects must include a 1,000 lineal feet..."

While LDB has designed well over 1,000 lineal feet of chilled water piping, it was not included in any of the chiller plant and chilled water based TES facility projects that LDB has designed.

Will LDB having designed over 1,000 lineal feet of large diameter chilled water mains, but on project different than the referenced chiller plant projects, meet this JEA experience requirement??

- **RESPONSE:** No this does not meet the requirement.

7. **INQUIRY:** Can the mandatory pre-proposal meeting that is currently scheduled for Friday, September 22, 2017 starting at 1 pm be moved up to the morning at 8:00 am to facilitate travel after the meeting?

- **RESPONSE:** The meeting will remain as scheduled however a teleconference option has been added to meet the attendance requirement. The teleconference option dial in is **1.888.714.6484, passcode: 992663**

8. **INQUIRY:** Can the mandatory pre-proposal meeting that is currently scheduled for Friday, September 22, 2017 starting at 1 pm be delayed one week and also up to the morning at 8:00 am to facilitate travel after the meeting?

- **RESPONSE:** The meeting will remain as scheduled however a teleconference option has been added to meet the attendance requirement. The teleconference option dial in is **1.888.714.6484, passcode: 992663**

9. **INQUIRY:** How long does JEA anticipate the mandatory pre-proposal meeting taking?

- **RESPONSE:** The meeting should last 30-60 minutes.

10. **INQUIRY:** Will site visits to all four JEA chiller plants be required by all attendees and if so, will safety glasses, hard hats, etc be provided by JEA or by the attendees?

- **RESPONSE:** There will be no site visits provided for the attendees.

**Acknowledge receipt of this addendum on the Bid Form**