

ADDENDUM NO. 2

RFB NO: 305051

DATE BIDS DUE: March 27, 2018

TIME: 2:00 PM

DEPARTMENT: Waste Resources

SUBJECT: MCC / Switchboard

Answers are attached to all Questions exactly as received by the cutoff date.

(SIGNED) _____

COMPANY: _____

PLEASE SIGN THE ADDENDUM AND RETURN TO THE PURCHASING DEPARTMENT WITH YOUR BID (ghipp@chattanooga.gov or fax to 423-643-7244 or mail to Purchasing (Attn: Geoffrey Hipp), 101 E. 11th St., Chattanooga, TN 37402)

Q: Item 10 and 11 on sheet E3 indicate a 15a feeder However the one line indicates a FVNR starter. What is the actual need?

A: This is a starter with overloads that starts the motor to open or close the gate.

Q: In reference to the Bid MCC and Switchboards, can we have Amtech Drives Inc; drive approved as or make it in the or equivalent category with the City of Chattanooga.

A: We are looking for the MCC and the VFD to be the same manufacture. There are plenty of MCC manufactures that make their own VFD's. If Amtech wants to submit an MCC with their VFD then we would look at it.

Q: If you did not attend the Pre-Bid meeting on March 12th at Moccasin Bend Wastewater Treatment Plant can you still bid the MCC / Switchboard #305051.

A: Pre-bid meetings are recommended but not mandatory.

Q: This job specifies drives in MCC to have 5% line reactors and not IEEE519 harmonic compliance. I have seen other recent VFD specs for the plant/city require IEEE 519 compliance for harmonics. This requires more advanced harmonic mitigation solution than a line reactor. Please advise if the city would be interested in an alternate arrangement that includes VFDs meeting IEEE519 compliance.

A: Waste Resources wants to keep all of their drives as similar as possible. They would not be interested in an alternate arrangement.

Q: Clarify with customer whether they want Panel and VFD test reports or Witness test. If customer asks for the witness test, then get proper details regarding it.

A: Test reports.

Q: Is MCC Panel room properly conditioned area or not? If No than get confirmation for space heater in MSS sections.

A: On Drawing E-3, Numbers 8 and 9 show heater 1 and heater 2.

Q: How many future section provisions should be in MCC panel?

A: Question is unclear. All required features of the Switchboards are included in the specifications.

Q: EATON Make MCC and Generator Connection panel are eligible for this bid?

A: The brands listed in Specifications Section 2.01 (Manufacturers) are those currently used in the plant which have existing spare parts supplies on hand. Those brands are considered plant standard equipment.

Q: Height and Depth for MCC panel and Generator Panel are not mentioned in drawings. Kindly get information regarding it.

A: Dimensions are shown on Drawing E-2, diagrams 3 and 4 (right side)

Q: Details Related to Transformer in MCC panel.

A: Drawing E-3 shows a 15 kva transformer with a 40 a supply breaker.

Q: Is it possible to quote Generator and MCC panel of Different makes?

A: No, the equipment should be by the same manufacturer.

Q: Amtech will only Supply Panels and its Maintenance Material. Kindly Clarify Scope of Installation and Commissioning.

A: The bid is for the equipment only. Installation is not included in the scope.

Q: On drawing E3 note 6 references insulated case breakers shall be employed. With the current drawing set, we believe note 6 applies to the generator and utility breakers in MCC-GG Swbd, could this be confirmed please?

A: Yes - Note 6 does apply to both generator and utility breaker.

Q: Per 26 24 13 para 2.03 2d, should these two breakers be 100% rated?

A: 100% is acceptable

Q: Should the trip units on both of these breakers be per 26 24 13 2.03A2c include LSIG trip units?

A: Yes - long term Trip units may be included

Q: MCC Spec 26 24 19 para 2.02 M,N,O & P. Can you please confirm that MCC bucket retractable stab assemblies as specified in this sub paragraphs are required?

A: Yes - these are required unless there is a safer way to install and remove units.