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ADDENDUM NUMBER 2

NOTIFICATION DATE:	SOLICITATION TITLE:	SOLICITATION NUMBER:	BID OPENING DATE & TIME:
4/10/2020	WTP Switchgear and MCC Replacement Projects - ITB	20-030	4/17/2020 2:00PM

THE FOLLOWING INFORMATION IS HEREBY INCORPORATED INTO, AND MADE AN OFFICIAL PART OF THE ABOVE REFERENCED BID.

The following answers to written submitted questions:

1. Do we need to complete all the Reference material since we are already prequalified? See Page 12 Reference Form and Page 16 Checklist, and similar items.

ANSWER: Yes, please submit the prequalification references you submitted in solicitation RFQ 20-014 with your submittal.

2. We understand that based on the July 2020 edition of Florida Department of Transportation Standard Specifications, Section 8-10.2 that liquidated damages on this project may not exceed \$2,579. This is based on the engineer's estimate of \$2.9 Million. Please confirm.

ANSWER: Calculation must be based on the project's total bid price provided by the contractor.

3. Are there any other Florida Department of Transportation documents that apply to this contract?

ANSWER: Only those listed or reference in the bid document.

4. Is there a specific bid bond form required, if so, please provide your form?

ANSWER: No specific bid bond required. Bid bond must comply with section F, page 15 of bid document.

5. Reference Sheet MC-03 Note 20. What type of desiccant packs are required for the disconnects?

ANSWER: Dessicant packs in disconnects are not required.

6. Correct North arrow on sheet PL 15. Arrow is pointing West.

ANSWER: Sht. PL-15 will be revised accordingly.

7. Will FP&L be providing an interface point for our cable bus connection?

IMPORTANT MESSAGE

ANSWER: The method for how the Contractor terminates the utility cable bus conductors to the transformers' secondary bus in the FPL vault shall be done by whatever means is acceptable to FPL. The Contractor will need to coordinate with FPL to determine the preferred method.

8. Is Okonite the only acceptable cable manufacturer for this project? If not, can we be provided with a spec for the VFD Cable? See notes, sheet PL-27.

ANSWER: An equal to the specified Okonite VFD tray cable is acceptable.

9. Is there no I/O between the VFD for HSP 9, 10, 11 and 12 and the motor in the field?

ANSWER: See Sht. MS-18 for control wiring for VFD-9,10,11,12. HSP-12 is a diesel-driven pump but will be converted to electrically driven in the future, so it has a unique wiring circuit.

10. Due to the current pandemic, we are concerned that copper prices may fluctuate in an extraordinary manner. Can the city provide for a material escalation cause in the event of severe price changes and availability issues?

ANSWER: In order to request and receive approval for an escalation clause, bidders must submit documentation that clearly shows pricing with their bid submittal versus when the cable is actually ordered. Therefore, there could be either an increase or a decrease in the contract amount.

11. Since we will not know how long the procurement process may take, can the completion date be based on calendar days from the bid date? Reference firm completion date of March 31, 2021.

ANSWER: Completion date will be changed to 10 months from the date the NTP is issued.

12. There is a factory acceptance test required for the switchgear. Can you tell us how many people from the city/engineer will plan to attend and who will be responsible for their travel expenses?

ANSWER: Only the Engineer of Record will attend the FAT's for the Switchgear and MCC's. The OEM cost for the FAT's is the responsibility of the Contractor. All other travel-related expenses shall be by others.

13. From the prebid, we understand that the entire vacuum filter building MCC-3 can be out of service for 5 days. Please confirm.

ANSWER: Confirmed, the improvements associated with the vacuum filter building MCC-3 will be discussed at the preconstruction meeting and be scheduled in a manner to reduce equipment downtime and avoid negative impacts to plant operations.

14. At the prebid, it was noted that butt splices on wiring was permitted for extending loads. Please confirm.

ANSWER: Yes, butt splices are permitted on specific loads as noted in the Plans. These would include all of the distribution panel loads from ex. MCC-3 (green), all of the loads from ex. MCC-4 (Vac Filter Bldg.), and some loads in HSP Room 1-5 located out in the plant, i.e. North Lime Rm., South Lime Rm, Well #2, Air Compressor Unit, and Thickener. Also, Exhaust Fans 9,10,11, and FPL Exhaust Fan may be butt-spliced, as needed (See Dwg. PL-27).

15. JB-500 is required to be replaced. Can you tell us the type of material (stainless, aluminum, carbon steel) the finish (plain, polished, painted) and the type (NEMA 1, 4X 12). Does the enclosure need to have doors or is a screw cover acceptable?

IMPORTANT MESSAGE

ANSWER: The new JB-500 will be NEMA 1, screw-type enclosure, similar to existing.

16. Did Johnson engineering provide a scope for the programming and integration that they will be performing.

ANSWER: No. Construction services and integration will be addressed by a future contract.

- 17. Is there room between the roof access ladder above the FP&L roof and the wall for the cable bus or will the access ladder need to be modified.
- ANSWER: The roof access ladder above the FPL vault will need to be relocated or modified.
- 18. Specification section STS-26 05 19 Part 1 3.A and 3.B are samples really required?
- ANSWER: Delete the referenced spec. req't for samples. Cut sheets will suffice.
- 19. Where is the designated location for all the demolished switchgear, MCC's, generators and miscellaneous items to be delivered to.

ANSWER: The Owner will provide an on-site location for the demoed equipment.

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