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August 2, 2024

IFB SA 2407 Belmont Sewage Pumping Station Replacement

**Addendum #3**

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THIS SOLICITATION IS HEREBY AMENDED AS FOLLOWS:

1. The attached responses to questions have been added for clarification.
2. The solicitation specifications have been updated with the attached changes.

All other solicitation terms, conditions and provisions remain unchanged and in full force and effect.

**Acknowledgement:** Bidders submitting a bid response for the above-named solicitation shall take note of the following changes, additions, deletions, clarification, etc., in the Contract Documents, which shall become a part of and have precedence over anything shown or described in the Contract Documents, and as such shall be taken into consideration and be included in the Bidders's response. All other terms and conditions of the Invitation for Bid shall remain unchanged.

Bidders must acknowledge receipt of this amendment by signing and returning this addendum with the proposal response or prior to the bid due date and time.

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**Authorized Signature**

**Date**

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**Name Printed**

**Title**

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**Company Name**

Direct all inquiries to [SAprocurement@pwesa.org](mailto:SAprocurement@pwesa.org)

## **Questions and Responses**

1. **Question:** Specification Section 16321, 2.07, A indicates Square D QED-6 Switchboard. QED-6 Switchboard construction requires rear access and according to contract drawings E003 and E102, SWBD-401 is front access only. Also, specification section 16321, 2.01, C, 1, indicates front access only. We would like to recommend the QED-2 Switchboard construction instead. Please advise if this is acceptable.

**Response:** QED-2 Low Voltage Switchboard by Schneider Electric is acceptable. Refer to Changes to Contract Specifications.

2. **Question:** Please advise on the leadtime provided to the Owner for the major electrical equipment (Switchboard, Variable Frequency Drives, Generator, ATS, etc.).

**Response:** Determining lead time for the equipment is the bidder's responsibility.

3. **Question:** Please advise if there is a Resource-Protected Area involved with the project and any constraints that the Contractor would need to address.

**Response:** The project area is partially within the Resource Protection Area (RPA), however per General Notes on Drawing G004, this activity is exempted from the RPA regulations.

4. **Question:** Regarding the Support of Excavation needed for the structures below grade, please advise if elements of that support can remain in place permanently.

**Response:** Shoring/sheeting may stay in place so long as it's new and unused material, cut off at least 2-1/2-ft below final grade, and the specific locations are approved by Engineer in accordance with Section 02161 Article 3.04.C. The presence of sheeting to be left in place shall not affect any other trades, and a drawing showing the cut-off locations shall be provided to Engineer for approval. Contractor shall include information about shoring material, limits and depth of shoring left in place on As-built drawings.

5. **Question:** Please advise if the Existing Pump Station (to be converted and serve as a retention basin) needs to be an active storage area prior to the end of the proposed Phase 2 Bypass Plan.

**Response:** No. The temporary sewer diversion pumping system may be removed from service once the new pumping station has successfully completed Startup per Section 01001 Article 1.07.B.3, and may be removed prior to completion of the conversion of the existing pump station to emergency storage.

6. **Question:** Please confirm that leak testing of the new wetwell can be performed following backfill operations.

**Response:** All leak-testing shall be performed prior to backfilling per Section 03301 Article 1.05.C, to allow the required inspections to be completed and repairs to be made if necessary.

7. **Question:** Please advise if the concrete pump base has been coordinated to accept installation of the named pumps (dry-pit submersible).

**Response:** Per callout on Pumping Station – Lower Level Plan on Drawing S101, the concrete pump base dimensions shown on Detail 1 on Drawing S108 vary by pump manufacturer and the Contractor shall coordinate with the approved vendor.

8. **Question:** Please confirm that the scope of the PCS is to supply the instrumentation and control devices and that installation is not a requirement

**Response:** Refer to Section 17010 for details of the responsibilities of the Process Control System Supplier (PCSS). While it is not required that the PCSS install the supplied equipment, the PCSS shall provide onsite supervision and advice to the installing contractor to ensure the equipment is installed in accordance with the specifications and the manufacturer's requirements per Section 17010 Article 3.07.A.1.

9. **Question:** Reference sheet 2 of 107. There is a note under the soils map for a Geotechnical engineer to examine the site and provide recommendations for construction. Who is to pay for the Geotechnical examination and recommendations?

**Response:** The examination required by this note has been completed, and the geotechnical engineer's recommendations are included on Drawing G007. It is the contractor's responsibility to review the provided geotechnical information for completeness. If additional geotechnical investigations are needed the associated cost would be the contractor's responsibility.

10. **Question:** Asphalt paving notes 2 and 3 on sheet C902 discuss areas to be undercut. Is this to be included in our base bid? Can quantities be provided for bidding purposes?

**Response:** The need for undercut for the asphalt paving is not anticipated, therefore is not required to be included in the base bid. If areas are encountered requiring undercut, then the Contractor shall notify Owner and Project Representative in writing of the Differing Subsurface or Physical Conditions in accordance with General Conditions Article 5.04.

11. **Question:** Mechanical drawings M105, M106, and M107 show (2) valve operator extension stems, from valves located in the pump room to termination in the Electrical Room. Standard stem guide systems are available to accommodate distances from nearest wall up to 3-ft away. The stem for the 16" plug valve is located 8-ft away from nearest wall. How does the Engineer want this stem guide supported?

**Response:** Where the extension stems cannot be supported by standard stem guide systems, they shall be sized by the valve manufacturer such that intermediate supports are not required. Refer to Changes to Contract Specifications.

## CHANGES TO CONTRACT SPECIFICATIONS

1. Specification Section 15100, Article 2.10.B, ADD the following at the end of the first sentence, “Where the location of the extended operators does not allow the extended operators to be supported by standard guide brackets fixed to an adjacent wall, the valve manufacturer shall size the extended operator such that intermediate supports are not required.”
2. Specification Section 16321, Article 2.07.A, REPLACE model “QED-6” with “QED-2”.

**End of Addendum Number three**