ADDENDUM 2

CARMEL WASTEWATER PLANT DIGESTER GAS PIPING REPLACEMENT PROJECT

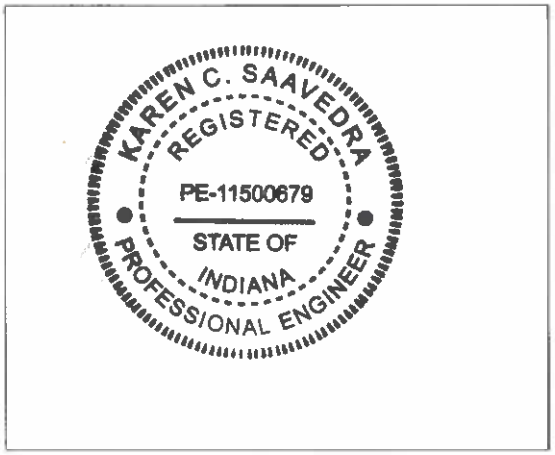
FOR

CITY OF CARMEL UTILITIES
CARMEL, IN

MARCH 10, 2023

PREPARED BY:

Karen Saavedra, P.E.



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SECTION 00 91 13 – ADDENDUM #2

DATE: March 10, 2023
PROJECT TITLE: Carmel Wastewater Plant Digester Gas Piping Replacement Project
PROJECT No.: 201802061
OWNER: City of Carmel
ENGINEER: American Structurepoint, Inc.
TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated January 23, 2023, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of 3 pages.

Amendments and Additions:
N/A

Questions Received:

Q-1. Drawing page G102 states the Manometer Digester Gas piping material to be S.S. 304 tubing but the ends to be threaded. It is not recommended to thread tubing as it is too thin. Please let us know if you mean S.S. 304 sch 40 threaded pipe or something else.

A. The manometer gas piping material needs to be SS 304 tubing as stated in the contract documents.

Q-2. This job will require field welds even if a majority of the pipe is fabricated elsewhere. Will hot work permits be issued if done in a safe manner?

A. Yes, hot work permits can be issued provided that the Contractor provides a submittal for Field welding, which documents your field welding procedure and safety protocols.

Q-3. Can roof panels be removed and put back to access the concrete for rigging on both levels?

A. No, the roof panels cannot be removed.

Q-4. Please confirm THWN-THHN is acceptable installation method for wiring in Trenwa system? Reference specification section 26 05 19, 2.2, C, 1.

A. Yes, this is acceptable.

Q-5. May feeder cables from existing main switchboard by spliced in Trenwa system?

A. No, new feeder cables shall be continuous run from existing gear to new MCC/MDP.

Q-6. Please clarify the Class 1 Division 1 areas?

A. All the lower level area (basement) of the digester building is condisered Class 1 Division 1 area. The design will be providing 12 air exchanges per hour for this area. All equipment/conduit shall be hazardous rated.

Q-7. Specification section 25 05 29 3.3, (A). What seismic rating, requirements for this project?

A. We do not have this specification section in the project.

Q-8. Specification section 26 24 16, 3.1, G. Is there a current coordination study? Will the Engineer be providing settings?

A. No, there is not a current coordination study, and the Engineer will not be providing settings.

Q-9. Drawing E100A, Please clarify that note 3, 4, 5, 6, 9, 10, 13, 14, 15, 16, 17, 18, 19, 20 and 24 are future work and nothing is to be provided under this contract.

A. On this sheet, items 11 and 12 are also future as indicated within the hatched area noted as "Future".

Q-10. Drawing E100A, Drawing E100B, detail D, should note 11 and 12 also be future. Please clarify.

A. Yes, notes 11 and 12 should also be future.

Q-11. Drawing E100B, Please clarify all notes shown on Detail D is future work and nothing is to be provided under this contract.

A. On this sheet, all notes identified with the Gas Cleaning Skid under detail "D" are future; other notes on this sheet such as 15, 16, 20, 21, and 22 are part of this contract.

Q-12. Drawing E100B, please clarify that only notes 15, 16, 20, 21, and 22 are required for this contract.

A. Yes, see response for Q-11.

Q-13. Drawing E101C, Notes 6 and 11. Are these items to have new conduit and wiring or are they to be reused extended to new MCC-E?

A. They are to be reused and extended to the new MCC-E.

Q-14. Drawing E101D, Note 3. New 2" conduit installed to point designated on drawing E100A. The only note on drawing E100A describing 2" conduit is 24 and it states future. Please clarify.

A. We believe this comment is for Drawing E101C, Note 3. Conduit should be installed up to the point noted on sheet E100A.

Q-15. Drawing E103, Note 9. "Final sentence See note on" ???

*A. See note on Sheet **E107**.*

Q-16. Drawing E103, Note 13. Due to the sensitivity of the environmental hazard should this be removed and disposed of by the Owner under a separate contract? Amounts are unknown.

A. The mercury within the instrument is self-contained. The equipment can be returned to the Owner or disposed of in accordance with local guidelines.

Q-17. Drawing E103, Note 16. Please clarify what conduits that may need to temporarily be removed.

A. All conduits mounted on the wall section where vertical pipe is shown in the photo. Coordination with the General Contractor will be required when vertical pipe is removed and wall area repaired.

Q-18. Drawing E104, Note 21. On drawing E100, Note 17, states future. Please clarify.

*A. Note 21 on sheet E104 refers to an air compressor that **is** part of this contract. The air compressor noted on sheet E00 is specifically for a future Gas Cleaning Skid and is not part of this contract.*

Q-19. Drawing E104, Note 23. Please provide wiring diagram from control vendor and wiring needed to and from control station.

A. This will require coordination with Frakes Engineering on interface with their PLC control panel. Control station and conduit will be between the actuator control box and control station, intercept and wire to make functional. Currently, the PLC is not able to control the actuator. Current wiring is unknown. Actuator will require power being removed and cover being removed to verify current wiring. Wiring will be extended to control station to provide control as described.

END OF DOCUMENT