

ADDENDUM #1

2019-43

Wastewater Treatment Plant Generator and ATS

26 December 2018– It is intended that this Addendum incorporating the following corrections, revisions, additions, deletions and clarifications become part of the Contract Documents including pricing as submitted

CHANGE: Bids 2019-43 and 2019-44 have been postponed. All bid submissions will be accepted until **11am on Tuesday, January 15, 2019.**

Question: At the pre-bid, I think you mentioned that you were still waiting on confirmation of the projects' CHRO requirements. The Bid Form lists a CHRO Bidder Contract Compliance Monitoring Report to be attached with the bid. Is this applicable for these projects?

Answer: We are unsure at the moment if that is applicable for the projects.

Question: Supplementary General Conditions, 3.7.1 (pg. 92) calls for the Contractors to pay costs charged by utility companies. Can you assign an allowance to be carried by all the bidders for this? This should help with the bid-leveling process, and make sure that we're all apples-to-apples.

Answer: Allowances are as follows:

Mill River Generator allowance shall be \$5,000

Wastewater Generator allowance shall be \$8,000

Question: I'm assuming at this point that we will remove the existing generator through the large louver on the West wall, and then patch that wall. Will we also have to disconnect/remove the small louver on the South wall and patch that?

Answer: The louver on the south wall shall be disconnected & removed. Both walls should be patched after removal of louvers & generator.

Question: Do you also want us to remove/salvage the white fence? This may be required for removal of the existing tank/generator.

Answer: The white fence needs to stay. If it is required to be removed for the generator to be removed, then it shall be removed & returned to the same location after removal of the generator.

Question: During the site visit, I saw a mix of exposed EMT and GRC conduit on the interior of the building. I just want to confirm that EMT is acceptable for this project. I don't think it would be subject to severe physical damage.

Answer: EMT is acceptable.

Question: The drawings show a 1" conduit for Block Heater and Battery Charger, going from the new generator to the new ATS. These circuits will need to be run to a panelboard. Is there one inside with available spaces?

Answer: There should be a spare breaker located in the panel.

Question: E300 shows a Concrete Bollard Detail, #3. Are these required for Mill River, and, if so, how many?

Answer: There should be a spare breaker located in the panel.

Question: There are contradictions on E300 regarding ground wire/rod size. Please confirm which is correct, Detail #1 or #4.

Answer: There should be a spare breaker located in the panel.

Question: Please confirm the required height AFG for the new generator pads.

Answer: Mill River Generator pad height shall be 4'-0" A.F.G.

Wastewater Generator pad height shall be 4'-6" A.F.G.

Question: To help with pricing up disposal, can you tell us the approximate amount of diesel fuel remaining in the existing 1,000-gallon tank at Mill River?

Answer: Diesel tank will stay therefore no disposal will be required.

Question: Mill River- Who will stake the location of the new generator pad?

Answer: The location of new generator pad will be determined in the field with owner & engineer.

Question: Mill River- Are bollards required at this location?

Answer: Bollards are not required at this location.

Question: WWTP- What material are the stairs up to the pad, concrete or metal?

Answer: Material of stairs up to the pad shall be concrete.

Question: WWTP- Does the guard rail go all the way around the pad and include a railing for the stairs?

Answer: Yes, the guard rail needs to go all the way around the pad and include a railing for the stairs.

Question: WWTP- Is the railing around the pad to be removable?

Answer: The railing does not need to be removable.

Question: WWTP- Is the railing/guard rails to be galvanized steel or powder coated?

Answer: Railing/guard rails are to be galvanized steel.

Question: WWTP- The top of the generator pad is 4'6" above the asphalt drive.

Answer: Yes, the generator pad is 4'6" above the asphalt drive. The top of the concrete pad shall be set at elevation 16.25.

Question: WWTP- Are the bollards still required?

Answer: Yes, bollards are still required.

WPCA WASTEWATER TREATMENT PLANT GENERATOR
AND ATS REPLACEMENTS

**WASTEWATER TREATMENT PLANT
330 RICHARD WHITE WAY
FAIRFIELD, CT 06824**

BID #2019-43

S/P+A PROJECT NO. 18.144

| <u>DIVISION 0 – BIDDING AND CONTRACT DOCUMENTS</u> | | <u>PAGES</u> |
|--|--|--------------|
| | Town of Fairfield Invitation to Bid | 11 |
| | Instructions to Bidders (AIA A701) | 6 |
| | Supplementary Instructions to Bidders | 6 |
| | Bid Form | 3 |
| | Bidder Qualification Statement (AIA A305) | 5 |
| | CHRO Contract Compliance Regulations Notification to Bidders | 5 |
| | Standard Form of Agreement Between Owner and Contractor (AIA A101) | 7 |
| | General Conditions of the Contract for Construction (AIA A201) | 40 |
| | Supplementary General Conditions | 6 |
| | Project Application and Project Certificate for Payment (AIA G702) | 1 |
| | Project Application Continuation Sheet (AIA G703) | 1 |
| | Drawing List | 1 |
| | | |
| <u>DIVISION 1 – GENERAL REQUIREMENTS</u> | | |
| Section 011000 | Summary of Work | 3 |
| Section 012100 | Allowances | 3 |
| Section 012500 | Substitution Procedures | 4 |
| Section 012600 | Contract Modification Procedures | 3 |
| Section 012900 | Payment Procedures | 4 |
| Section 013100 | Project Management and Coordination | 6 |
| Section 013200 | Construction Progress Documentation | 6 |
| Section 013233 | Photographic Documentation | 2 |
| Section 013300 | Submittal Procedures | 9 |
| Section 014000 | Quality Requirements | 7 |
| Section 014200 | References | 10 |
| Section 015000 | Temporary Facilities and Controls | 3 |
| Section 016000 | Product Requirements | 5 |
| Section 017300 | Execution | 7 |
| Section 017700 | Closeout Procedures | 4 |
| Section 017823 | Operation and Maintenance Data | 8 |
| Section 017839 | Project Record Documents | 4 |
| Section 017900 | Demonstration and Training | 4 |
| Section 019113 | General Commissioning | 19 |

DIVISION 2 – EXISTING CONDITIONS

| | | |
|----------------|----------------------|---|
| Section 024119 | Selective Demolition | 6 |
|----------------|----------------------|---|

DIVISION 3 – CONCRETE

| | | |
|----------------|------------------------|----|
| Section 033000 | Cast-in-Place Concrete | 20 |
|----------------|------------------------|----|

DIVISION 5 – METALS

| | | |
|----------------|------------------------|---|
| Section 055000 | Metal Fabrications | 7 |
| Section 055213 | Pipe and Tube Railings | 7 |

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

| | | |
|----------------|----------------|---|
| Section 079200 | Joint Sealants | 6 |
|----------------|----------------|---|

DIVISION 9 – FINISHES

| | | |
|----------------|-------------------|---|
| Section 099113 | Exterior Painting | 6 |
|----------------|-------------------|---|

DIVISION 23 – MECHANICAL

| | | |
|----------------|-----------------------------|----|
| Section 231123 | Facility Natural Gas Piping | 18 |
|----------------|-----------------------------|----|

DIVISION 26 – ELECTRICAL

| | | |
|-------------------|---|----|
| Section 260500 | Common Work Results for Electrical | 4 |
| Section 260509 | Electrical Demolition Requirements | 2 |
| Section 260519 | Low-Voltage Electrical Power Conductors and Cables | 6 |
| Section 260523 | Control Voltage Electrical Power Cables | 6 |
| Section 260526 | Grounding and Bonding for Electrical Systems | 5 |
| Section 260529 | Hangers and Supports for Electrical Systems | 6 |
| Section 260533 | Raceways and Boxes for Electrical Systems | 14 |
| Section 260543 | Underground Ducts and Raceways for Electrical Systems | 17 |
| Section 260548 | Vibration and Seismic Controls | 8 |
| Section 260553 | Identification for Electrical Systems | 11 |
| Section 263213.17 | Gaseous Engine Generators | 20 |
| Section 263600 | Transfer Switches | 11 |

DIVISION 31 – EARTHWORK

| | | |
|----------------|--|---|
| Section 311000 | Site Clearing | 3 |
| Section 312000 | Earth Moving | 8 |
| Section 312333 | Trench Excavation and Backfill for Utilities | 5 |

DIVISION 32 – EXTERIOR IMPROVEMENTS

| | | |
|----------------|----------------|---|
| Section 321216 | Asphalt Paving | 8 |
|----------------|----------------|---|

END OF SECTION

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
 - 1. Certain items are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
- C. Related Requirements:
 - 1. Section 014000 "Quality Requirements" for procedures governing the use of allowances for testing and inspecting.

1.3 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.4 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

1.5 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.6 COORDINATION

- A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include freight and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
 - 3. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 - 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of work has changed from what could have been foreseen from information in the Contract Documents.
 - 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. **Allowance No. 1: Costs Charged by Utility Companies:** Include in the Base Bid an allowance of Eight Thousand Dollars (\$8,000.00) to pay for costs charged by utility companies for service connections, inspections and tests, and related utility company fees normally assessed as part of the construction process, as indicated in Supplementary General Conditions, Article 3.7.1 (PDF page 92).

END OF SECTION 012100