

**DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION**

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**Paul Brennan, FNIGP, NIGP-CPP, CPPO**  
*Director of Purchasing*

**ADDENDUM # 4**

**RFP-RC-2024-049**

**Management Services and Capital Improvements at the Advanced  
Wastewater Treatment Plant in Hillburn, NY**

The information in this addendum supersedes any contradictory information set forth in the contract documents. Proposers must acknowledge receipt of this addendum in the space provided on the signature page of the bid proposal. Failure to do so, may subject the bidder to disqualification. This addendum forms a part of the contract documents.

This Addendum contains Responses with all Attachments to 7 items.

**SIGNED:**

*Paul J. Brennan*

**PAUL J. BRENNAN, FNIGP, NIGP-CPP, CPPO**  
**DIRECTOR OF PURCHASING**

ADDENDUM

11/14/2024

**ADDENDUM NO. 4**  
**RFP-RC-2024-049**  
**November 14, 2024**

**Item No. 1:**

Replace ICI Form No. 1 – Influent Pumps with the Attachment A of this Addendum.

**Item No. 2:**

Replace ICI Form No. 6 – Odor Control System Carbon with Attachment B of this Addendum.

**Item No. 3:**

Replace ICI Form No. 14 – Chemical Storage Exhaust Fan with Attachment C of this Addendum.

**Item No. 4:**

Replace the ICI Price Proposal Form for ICI No. 6 with Attachment D of this Addendum.

**Item No. 5:**

Add Furniture allowance proposal form included as Attachment E of this Addendum.

**Item No. 6:**

Add as-built drawings and the O&M Manual as reference material included as Attachment F of this Addendum, which contains the following:

- Architectural Drawings (34 files)
- Electrical drawings (42 files)
- General drawings (6 files)
- HVAC drawings (24 files)
- Instrumentation drawings (29 files)
- Mechanical drawings (33 files)
- Plumbing drawings (13 files)
- Structural (34 files)
- Combined WR-AWTP (19 pages)
- O&M Manual (592 pages)

**Item No. 7 – Questions:**

1. General RFI - Will the training services beyond the standard startup/commissioning services be required for the various equipment installations (Pumps, VFDs, AHUs, SCADA, PLCs, etc.)? If so, please specify.

**Response:** No training beyond the standard startup/commissioning services will be required.

2. Initial Capital Improvement (ICI) No. 1 – ICI No. 1 calls for the replacement of the Three (3)-Each Submersible Influent Pumps with matching to existing new pumps manufactured by Flygt. Upon walking the vicinity of interest, it was determined that the existing pumps are manufactured by Flowserve. Clarification which type of pump to be supplied/installed is needed.

**Response:** The pump manufacturer has been updated to Flowserve. The ICI has been replaced by this Addendum with Attachment A.

3. ICI 3 - ICI No. 3 calls for the replacement of the Sand Filter Effluent piping and valves. Upon inspection of the vicinity of interest, it appears that the Microfilter Influent piping area is in worse condition than the Sand Filter Effluent area. Is the intent to include the Microfilter Influent piping to the scope of work of the Sand Filter Vicinity piping and Valves due to close proximity. Clarification is needed.

**Response:** The scope will not be modified to include the microfilter influent piping.

4. ICI 4 & 5 - Upon walking the vicinity of interest, Veolia was informed to supply/install a mounted skid for two systems (ICI No. 4 and No. 5). Clarification of how to proceed is needed which include skid information, mount location/type, etc.

**Response:** Contractor to field verify skid information to determine the necessary mount location/type, etc.

5. ICI 6 - ICI No. 6 calls for the replacement of the Plastic Media in the Odor Control System Carbon. Clarification on the volume of Carbon to be replaced based on the tank size is needed.

**Response:** The term “plastic media” has been updated to “carbon media” and the air distribution piping internal to the odor control system has been added to the ICI for replacement. The volume of carbon has been added to the proposal page. The ICI and proposal page have been replaced by this Addendum with Attachments B and D.

6. Initial Capital Improvement (ICI) No. 12 - ICI No. 12 calls for the replacement of Air Handling Units in Kind. This Specified a type M Series AHU manufactured by Trane. Is the intent to only replace the AHU units (AHU-1 and AHU-2) and not replace the MAU unit (MAU-2)? If the intent to replace the MAU-2 unit as well, clarification on the manufacturer/type is needed.

**Response:** The intent is to replace the AHU units (AHU-1 and AHU-2) and not the MUA Unit. MAU-2 is to remain.

7. Initial Capital Improvement (ICI) No. 14 - ICI No. 14 calls for the replacement of the Chemical Storage Exhaust Fans with Model CV manufactured by Loren Cook. The specified Exhaust fan is designed for a round-ductwork, while the existing fan(s) have squared ductwork. Is the intent to replace the squared ductwork to a round ductwork to match specified exhaust fan type? If not, clarification is needed of what type/model of an exhaust fan shall be used.

**Response:** The exhaust fan model has been updated to Model SQN by Loren Cook which is a square exhaust fan. The ICI has been replaced by this Addendum with Attachment C.

8. Missing Project Records (Drawings, Specifications, Submittals, As-built, etc.) – Please provide digitized record for the following:
  - a. Project Specifications, and as-builts records.
  - b. All SCADA and Control Panels related shop drawings, product data, and as-built submittals.
  - c. Submersible Influent Pumps submittals.
  - d. Low Flow Eq. Pumps submittals.
  - e. Sand Filter submittals.
  - f. Hydroxide Feed and Storage System Submittals (pump submittal, feed control system submittal, piping, submittal, all valves submittal, tanks submittal).
  - g. Bisulfate Feed and Storage System Submittals (pump submittal, feed control system submittal, piping, submittal, all valves submittal, tanks submittal).
  - h. Plastic Media in the Odor Control System submittal.
  - i. Exhaust Fan in Filter Room submittal.
  - j. Exhaust Fan Chemical Storage Room submittal.
  - k. All Masonry submittals.
  - l. Doors and Door Hardware submittals.
  - m. Floor Epoxy submittal (Headwork Building).
  - n. AHU-1, AHU-2 and MAU-2 submittals.

**Response:** As-builts and Operation & Maintenance Manual have been provided to address the above-requested information. These documents are attached as Attachment F.

9. In order to Generate/Supply Engineering/Design document for the Various ICIs, the following missing information are needed:

- a. Drawings for the influent pump station and the force main to its discharge location (plan and section views).

**Response:** All available information has been attached as Attachment F. Refer to all drawings included with Attachment F.

- b. Information on the minimum, total daily (average), and peak instantaneous flows that need to be handled by the pump station.

**Response:** All available information has been attached as Attachment F. Refer to the O&M Manual.

- c. Design criteria for the existing influent pumps (flow, TDH, motor HP, etc.).

**Response:** All available information has been attached as Attachment F. Refer to the O&M Manual.

- d. Drawings and the same flow and pump information for the low flow equalization pump no. 4.

**Response:** All available information has been attached as Attachment F. Refer to the O&M Manual and the drawings included in Attachment F.

- e. Design criteria for the existing Low Flow Equalization Pumps 1 through 3.

**Response:** All available information has been attached as Attachment F. Refer to the O&M Manual.

- f. Drawings (plan, sections, schematics) for the hydroxide and bisulfite storage and feed systems.

**Response:** All available information has been attached as Attachment F. Refer to all drawings included in Attachment F.

- g. Total volume of hydroxide and bisulfite to be storage on site (maximum volume of each chemical).

**Response:** The maximum hydroxide and bisulfate storage is 330 gallons each.

- h. Minimum, average, and maximum chemical usage rates for each chemical when in service.

**Response:** Average use for each chemical is as follows:

- Sodium Hypochlorite – 20 gal/d
- PACI – 70 gal/d
- Sodium Bisulfite – 1 to 2 gal/d
- Polymer – 15 to 20 gal/d

- i. What type of hydroxide is being stored (25%?, 50%?)

**Response:** Hydroxide concentration is 25%.

- j. What is the concentration of bisulfite being stored?

**Response:** The bisulfite concentration is 38%.

#### 10. SCADA System Related

- a. If the Bidder does have some/all of these maintenance and/or cybersecurity responsibilities, will the owner permit the Bidder to install different make/models of firewall, switches, or related equipment for the ICI's to align with Bidder standards in these areas?

- b. Initial Capital Improvement (ICI) No. 39:

- ICI No. 39 calls for the upgrade of the existing firewall from Sonicwall Firewall Model TZ100 to Sonicwall Firewall Model TZ300. What O&M responsibilities will the Bidder have for the maintenance and/or cybersecurity of this firewall and related OT networks/systems? Will the owner retain any responsibilities in this area?

**Response:** Proposer shall be responsible for O&M for the maintenance and/or cybersecurity of this firewall and related OT networks/systems as outlined in ICI No. 39. Proposer to be permitted to install different make/models of firewall, switches, or related

equipment for the ICI's to align with Proposer standards in these areas if the substitutions are determined to be an or equal substitution.

11. Initial Capital Improvement (ICI) Pricing Submission Format - The RFP is instructing the Bidders to submit individual pricing for each ICI. Each ICI has direct cost and indirect cost. By following such format, the Bidder wouldn't be able to capture the general conditions costs « indirect cost ». It's difficult for the Bidder to break out General Condition Costs to individual ICIs as it'd not capture the entire costs. The Bidder proposes to include the general conditions costs for the entire projects under one ICI, while account for the various direct costs under each ICI submission section. Would this approach be acceptable?

**Response:** Proposers to include general conditions and direct costs in the total cost for ICI Nos. 1-43.

12. Initial Capital Improvement (ICI) No. 3 - As a follow up to Question No. 3 on this RFI list, ICI No. 3 calls for the replacement of the Sand Filter piping, does this include the Sand Filter piping that's currently located underground (not visible)? What's the scope of work limit? Clarification is needed.

**Response:** The ICI does not include the Sand Filter Piping that is currently located underground.

13. Would the District consider accepting construction bonds from various parties that collectively cover the full amount for the ICI Bonds?

**Response:** Proposers shall include Labor and Materials Payment Bonds and Construction Performance Bonds as requested in the RFP.

### **ACKNOWLEDGMENT**

Print Name: \_\_\_\_\_  
Name of person responsible for this solicitation

**I acknowledge the receipt of \_\_\_\_\_ Addendums.**

Signature: \_\_\_\_\_

Email Address: \_\_\_\_\_

Direct Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Signed

\_\_\_\_\_  
Date

# **ATTACHMENT A**

## ICI No. 1

### Influent Pumps

**Description:** Replace three (3) submersible influent pumps. Ther pumps shall match the existing pumping conditions and be manufactured by Flowserve.

**Location:** Influent Pump Station

**Related Improvements:** Remove, replace and reconnect the existing influent pumps. Modify existing power and control conduit and conductors as necessary to match the new pumps.

**Design:** Provide design documents with proposal for review by district Engineers.

# **ATTACHMENT B**

## ICI No. 6

### Odor Control System Carbon & Air Piping

**Description:** Replace the carbon media and air distribution piping internal to the Odor Control System.

**Location:** Odor Control Area

**Related Improvements:** The existing carbon should be replaced as virgin carbon type. Carbon manufacturer shall inspect the existing system and verify type of carbon to be installed. Contractor to verify material and size of air distribution piping.

# **ATTACHMENT C**

**ICI No. 14**

**Chemical Storage Exhaust Fans**

**Description:** Replace the existing exhaust fan with all aluminum construction exhaust fans rated for the environment.

The exhaust fans shall be model SQN manufactured by Loren Cook.

**Location:** Chemical Storage Room

**Related Improvements:** Existing conduit and wire shall be extended as required for the installation. Provide supports as necessary. Adjust associated duct as necessary.

# **ATTACHMENT D**

**ICI PRICE PROPOSAL FORM**

**FIXED DESIGN-BUILD PRICE FOR EACH INDIVIDUAL ICI IN EACH SUBGROUP**

**ICI No. 6**

**Odor Control System Carbon & Air Piping**

**SUMMARY OF FIXED DESIGN-BUILD PRICE**

**COST**

**Construction Work**

Furnish Carbon (Volume: 81 cu ft) \$ \_\_\_\_\_

Install Carbon \$ \_\_\_\_\_

Furnish and Install Air Distribution Piping \$ \_\_\_\_\_

**Total** \$ \_\_\_\_\_

# **ATTACHMENT E**

**PRICE PROPOSAL FORM**  
**OFFICE FURNITURE ALLOWANCE**

**STIPULATED ALLOWANCE**

**COST**

**Allowance**

Furnish Office Furniture to be Selected by Owner

\$50,000

**Total**

**\$50,000**

# **ATTACHMENT F**

**(Refer to** separate zip folder Attachment F)