

## ADDENDUM #3

April 26, 2019

### REQUEST FOR PHASE II PROPOSALS FOR REGIONAL BIOSOLIDS FACILITY, WASTEWATER TREATMENT FACILITY AND SANITARY SEWER COLLECTION SYSTEM NAUGATUCK, CONNECTICUT

#### Response to Questions

1. **Can we receive 12 months of recent electric bills for WWTP and Incinerator facilities?** Utility information was made available with the RFP in Phase II documents on the website. Additional information regarding electricity use will be uploaded on the website with the RFP next week, including copies of fuel cell bills. The Borough does not have and cannot provide copies of utility company electric bills.
2. **Is the space adjacent the fuel cells (east) available for use?** For Proposal purposes do not assume that additional area northeast of the fuel cells is available for use.
3. **Are there lease or use agreements associated with the access road coming into the plant?** The Borough does have an agreement for the use of the access road. The Borough is responsible for the maintenance of the road. The agreement will be placed on the website with the RFP.
4. **Are there Facility Annual reports available? Or monthly reports with CCTV and jetting logs?** The Veolia monthly and annual reports with jetting logs and other logs will be available on the Borough website under Documents & Forms/Water Pollution Control/Monthly Reports.
5. **For the asset list, is there more detailed information available regarding useful life, expenditures, etc?** No additional information on useful life is available. However, monthly and annual reports do have information on expenditures on replacement equipment (see response to Question 4 re location of such reports on the Borough website).

6. **Copy of the incinerator “Control Plan” and also the incinerator “Site Specific Monitoring Plan”?** The current draft plans have been made available with the Phase II RFP on the Borough’s website.
7. **A list or inventory of the equipment at the WWTP and incinerator? Specifically the horsepower of each equipment and whether or not they have VFDs. Ideally also runtime, age and last major maintenance. (this question is somewhat similar to my previous request for asset list, useful life – might be that asset reports will contain all the info requested)** This information is not available, and if needed, should be collected by Proposers.
8. **The potable water consumption in \$ and gallons and if possible by use area (WWTP, incinerator).** Water usage information will be provided on the website with the RFP next week. The Borough cannot provide invoices. Rate information should be obtained from Connecticut Water.
9. **Are there any changes being proposed for the current air permit, following the SSI MACT upgrades?** Regarding air permits and plans relating to EPA 40 CFR 62 Subpart LLL. These include:
  - a. CT DEEP NSR Air Permit revisions regarding the new APC equipment for the EPA MACT upgrades.
  - b. Subsequent to finalizing the revised NSR permit, a Title V permit will be drafted and issued.
  - c. The EPA 40 CFR 62 Subpart LLL required Control Plan and Site Specific Monitoring Plans are still under pending review by EPA with revisions requested by EPA pending.

Documents are part of the Control Plan made available on the Borough’s website referenced in the response to Question #6.

**10. In reviewing the Borough zoning requirements, the following was noted:**

**The site is zoned I-1. Industrial. The zoning allows for power plants, and other industrial facilities including Borough owned facilities. The zoning allows for special permitted uses and the setback requirements and site coverage are below:**

- Maximum Coverage 50%**
- Maximum Height 60 feet**
- Setback from Street 25 feet**
- Setback from rear property line 25 feet**
- Side setback from property line 15 feet.**

**Are these required of the site provided? If these are not what are our requirements if any?** The Borough is not exempt from zoning regulations. The Borough will provide the Contractor with assistance and support with the land use office, including variances and zoning amendments if needed.

**11. Will the City's Fire Marshall be the permitting authority for approval of fire protection?** Yes

**12. Will an emergency access ring road be required around the biosolids site?** Without a site plan and information regarding the existing hazards in the area the fire marshal can not determine the exact access requirements. Generally, 20-foot fire access roads are required to a minimum of two sides of a building. A road encompassing the facility is not a certainty, but some fire access will be required.

**13. Will we be required to provide any access roads to the Site of the proposed Biosolids Facility?** Yes, if you need them and they don't exist to convey biosolids or any materials from existing facilities to the proposed Biosolids Facility. Also, for fire access to proposed buildings (see Response to Question #12 for further information on fire access.)

**14. Can we get a complete set of as built drawings for WWTP?** A PDF of the drawings is available upon request to the Borough.

**15. The Borough did provide an asset list, however can we get a more detailed plant and pump station asset registry along with the related 2 years of historical CMMS data?** Computerized maintenance data is not available, but maintenance information is available in the Veolia Monthly and Annual Reports provided on the Borough's website, under "Documents & Forms/Water Pollution Control/Monthly Reports".

**16. Can the Borough provide the last 3 years of plant influent and effluent including the process data? Monthly operating reports (MORs) for 2017 and 2018 are available with bid information on the Borough's website under the Phase II RFP documents.** Monthly Operating Reports for 2015 and 2016 are provided on the Borough's website with Addendum #3.

**17. Can the Borough provide the current rate being charged for power, through the fuel cell agreement?** The fuel cell agreement is included with the Bid Documents in the Phase I RFP documents under "Addenda and Site Maps Addenda #2". The electric rate varies up to 1.5 cents less than the utility rate for that year.

**18. Can the Borough provide separate volume and composition analytics for the incineration and dewatering recycle streams sent back to the treatment plant?** The information is not available.

**19. After our site visits and management risk reviews, we have elected to make additional modifications to our plant design to further incorporate plant upgrades. These changes have created changes in design and related construction as well as operating requirements. Based upon our estimated time to incorporate these changes, through final risk assessment and approval we believe the May 31<sup>st</sup> deadline will not be met. In order to provide the Borough a cost effect comprehensive proposal without significant contingencies we respectfully request a final extension to June 30<sup>th</sup>. We are aware of the Boroughs timeline and believe this time can be made up and the project delivered as scheduled.** The due date for submitting Phase II Proposals will be extended to Friday, 3PM local time, June 28, 2019. Accordingly, the last date for submitting questions re the RFP is June 7, 2019. With this extended due date for Proposal submission, it is anticipated that selection of a Preferred Proposer will be pushed back to September 30<sup>th</sup>. The Borough's intent is that contract negotiations will be completed by December 31, 2019.

**20. Can the Borough provide the size of the 4 storage tanks for sludge receiving?** The tanks are 100,000 gallons each.

**21. Can the Borough provide the size of the 4 tanks used for the thickening process?** The tanks are between 80,000 to 100,000 gallons each, see WWTP drawings for specifics. WWTP drawings are made available to Proposers upon request, as noted in Question #14.

**22. Can the Borough provide the temperature range of plant effluent?** The temperature data is included in the Monthly Operating Reports referenced in Question # 4 and its response.

**23. Can the Borough provide analytical on sludge received at the plant for 2018?** The sludge data is available on the Borough's website with the RFP, under Phase II documents and listed as "2018 Sludge data".

**24. Can the Borough provide the estimated annual amount of septic received by communities for free and how much is from outsiders that pay for disposal?** The septage data is available in the Veolia monthly reports referenced in Question #16. Naugatuck, Middlebury and Oxford do not pay. The OTR figure in the reports is the total from communities that pay, including Beacon Falls.

- 25. Can the Borough provide analytics of these receipts?** There is no testing of the septage.
- 26. Is the provider required to accept septic, industrial waste or grease from parties other than Naugatuck, Middlebury and Oxford as detailed in the Monthly Operating Summary Report provided the Borough from Veolia?** Yes, septage from Beacon Falls. The contract requirement for these communities is for acceptance of septage only, not industrial waste or grease. Industrial waste and grease is accepted, but not required. It is done for economic value with Veolia's approval at agreed to pricing.
- 27. Can the Borough provide as-built drawings of the Treatment Plant, the drawings can exclude the Incineration Facility if that is easier?** Available drawings are available upon request to the Borough.
- 28. Please provide the following information: PDF Incinerator** -See response to Question # 27.; **P&IDs for the WWTP and Incinerator**-Drawings will be provided upon request to the Borough.; **As-builts for Electrical One Line**-not readily available to the Borough; **Latest Stack Emission Test Results**-Stack test results will be provided on the Borough's website with the RFP Phase II, when available; **Latest sludge analysis data for 2019 or last quarter of 2018**-See response to Question # 23.; **HMI screen captures for the WWTP and Incinerator**-the Borough is currently investigating and will provide a response in a future Addendum; **Eversource utilities/natural gas usage report**-WWTP and Incineration Facilities do not use natural gas . See response to Question # 1 re electricity use.
- 29. Please provide a spare parts list, who is owner of the spares?** The Borough is owner of the spares. The Borough is requesting information from Veolia re a current spare parts list. It will be made available upon receipt. **What will remain on site at start of new contract (August 2022)?**- what will remain is what adequate spares which by contract must be left on site to allow effective operation of the facilities to meet Contract Standards, see Section 7.3(A) of the WWTP Service Contract and Section 8.2(A) of the Incineration Facilities Lease Agreement for further description of the current operator's responsibilities . **What is unique and dedicated to the operation of the Incinerator?**-information not available. **At the start of the new contract will the new operator have access to these spares-if owned by the Borough, will they be leased or sold?** The spares will be transferred to the Contractor for use in performing Contract obligations. **Inventory of vehicles (assume this is on the asset list previously requested).** In addition to the vac truck which is owned by the Borough and is transferred for use to the operator, the current operator leases one service vehicle of its own. **Who will own the vehicles at the start of the new contract?** The Borough will own the vac truck. Said vehicles (vacuum truck) will be transferred to the Contractor for use

in performing Contract obligations. All other vehicles needed by the Contractor must be provided by the Contractor.

**30. Please provide a copy of the GIS database.** For GIS data on the collection system, contact Fred Agee at fagee@naugatuck-ct.gov.

**31. When will CMOM requirements be completed? Are (will) DEEP reports be available?** A CMOM Program Document has recently been completed for submittal to EPA (a copy of that document is provided with this Addendum). In addition, a CMOM Corrective Action Plan has recently been completed for submittal to EPA (a copy of that document is provided with this Addendum). For Proposal purposes, Proposers should assume that their responsibilities are those as identified as long term in the attached Corrective Action Plan, with the exception that preparation of the I/I Control Plan will be completed by the Borough and removing I/I sources is not to be made part of or to be priced as part of the Phase II Proposal. Should EPA require any changes to these requirements, or the Borough make any changes, said changes will be addressed during contract negotiations or by Contract amendment.

*Proposers should note that this response updates the CMOM responsibilities of the company as originally described in Section 4.3 of the Phase II RFP.*

**32. When is the next Incinerator shutdown planned?** There is no shutdown currently planned.

**33. Are facility reports as prepared by ARI for the Borough available?** Yes, the annual facility reports will be placed on the Borough's website under "Water Pollution Control Documents".

**34. Please provide information on ash disposal quantity, cost, disposal to which landfill, disposed of by whom? (for past two years).** Veolia is responsible for disposal of ash. Information is not available re quantity, cost or disposal location.

**35. Copy of EnviroCare inspection reports/improvements/modifications regarding the newly installed emission control system. PDF's with any marked additions/modifications and any correspondence with EPA.** See responses to Questions # 6 and # 28.

**36. Copies of any mercury monitoring results from the EnviroCare Gore mercury modules.** The results have not yet been received. When received, they will be placed on the Borough's website with the RFP.

- 37. Copies of any mercury control/monitoring program for outside sludge and other wastes.** The information is contained in the Control Plan, see response to Question # 6.
- 38. Copies of thermal fluid analysis, consumption, last 24 months.** This information is not available to the Borough.
- 39. Copies of monthly sodium hydroxide consumption for the incinerator and odor control.** This information is not available to the Borough.
- 40. Is the SCADA and CEM system (computers, UPS, and supporting switches, PLC's, PLC spares, storage) Borough owned? Will they remain on site after the contract has ended?** The current operator pays for all software licensing. All administrative computers and network equipment in the core admin office are operator owned. Plant operational computers and hardware are Borough owned and will remain.
- 41. How many modules have been installed inside the SPC vessel?** Eight (8) layers of nine (9) modules, totaling 72 modules.
- 42. How many spare modules are on site? Who owns them? Will they remain after 8/2022?** None currently, the Borough is investigating purchasing two layers of 9 modules, a total of 18 modules, but has not yet made a decision to make said purchase. For Proposal purposes, Proposers should not assume that any spare modules will remain after 8/2022. The Contractor will be responsible for providing all modules, including any spares it deems necessary, to operate and maintain the system.
- 43. Have they rotated the modules since the start up?** No
- 44. How many times a year is mercury loading on modules tested?**  
The information is available in the draft Control Plan referenced in the response to Question #6.