



State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

ADDENDUM No. Four

Project Name: Lums Pond WWTF Modifications
Lums State Park

Project No.: 2018-LP-100

Date of Issue: November 19, 2018

Notice No. 3: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specification and as shown on the drawings.

Bids Due: Monday, December 3, 2018 at 2:00 PM
DNREC Division of Parks and Recreation
Richardson and Robbins Building, Auditorium
89 Kings Highway
Dover, DE 19901

MEETING AGENDA

ATTENDEES: See attached Sign-in sheet.

LOCATION: Project site – 3180 Red Lion Rd., Bear, DE 19701

TIME: 10:30 a.m. on November 19, 2018

Gerald Katzmire from AECOM reviewed the following topics:

1. The Pre Bid Meeting is mandatory and a prerequisite for bidding this Contract.
2. AECOM requested that all attendees sign the “Sign in Sheet”
3. The following items were noted in the Contract Documents:
 - **Questions during Bidding:** All questions shall be submitted via email to Cindy.Todd@State.de.us. Last Day for Questions shall be November 27, 2018 (2:00

- PM) any questions received after this time will not be addressed. Questions will be answered via Addendum. Phone calls will not be replied to.
- **Bonds:** Bid bond is 10% of the bid and required to be submitted with your bid. Bond forms are included in the bid package. Performance and Payroll bonds will be required for the work. Bond forms will be required upon notice of award of the contract, along with a certificate of insurance.
 - **Bids Due: Monday, December 3, 2018 at 2:00 PM** Local Time. Any bid received after the stated time will be returned unopened. Bids accepted by overnight mail, or in person at DNREC – Division of Parks and Recreation, 89 Kings Highway, Dover DE 19901.
 - **Sealed Bids shall be addressed to the following address:**

"DNREC CONTRACT NO. 2018-LP-100 SEALED BID – DO NOT OPEN".
Dept. of Natural Resources & Environmental Control
Division of Parks and Recreation
Office of Design and Development
89 Kings Highway, Dover DE 19901
Attn: Cindy A. Todd, RLA. Phone Number: 302-739-9210
 - **Sub-Contractors:** A completed list of sub-contractors shall be submitted with your Bid. Remember to name only one subcontractor for each of the following trades (these are also listed in the project book):
 - Concrete
 - Electric & Power
 - Plumbing
 - HVAC
 - Copies of the CONTRACT DOCUMENTS may be purchased at the above address for \$25.00 (non-refundable) for each disc.
 - DNREC reserves the right to waive any informalities and to reject any or all bids.
 - The Bid will be awarded within thirty (30) days of the bid opening to the lowest responsive and responsible Bidder.
 - Requests for substitutions shall be made in writing to **Cindy Todd at DNREC** Cindy.Todd@State.de.us, no later than 10 days prior to the date of the Bid Opening. Such requests shall include a complete description of the proposed substitution, drawings, performance and test data, explanation of required installation modifications due to the substitution, and any other information

necessary for an evaluation. The burden of proof of the merit of the proposed substitution is upon the proposer. AECOM's decision of approval or disapproval shall be final.

- Bidders must acknowledge receipt of all Addenda when submitting their Bids.
 - **Wages/Payroll:** Prevailing wage and payroll reporting are applicable to this project. The project determination is Heavy Construction.
 - This project is funded by the Delaware Clean Water State Revolving Fund. Contractors are directed to the requirements reflected in the Contract Requirements regarding compliance with construction utilizing these funds and to the following:
 - Contractor is required to comply with the prevailing federal wage rates under the Davis-Bacon Act as explained in the CONTRACT DOCUMENTS.
 - Contractor is required to comply with Delaware Prevailing Wage Regulations as explained in the CONTRACT DOCUMENTS.
 - Contractor is required to comply with the American Iron and Steel requirements outlined in the Contract Documents.
 - Contractor is required to comply with all requirements related to race and age discrimination.
 - Contractor is required to comply with requirements of the Clean Air and Clean Water Acts.
 - There is no DBE requirement on this project.
 - The Contractor is required to supply and install a Project Sign where clearly visible.
 - Other requirements included in Contract Documents. Please review prior to bid.
 - Contract Time - The work for this project shall be completed within 180 days from the Contract Start Date. Further CONTRACT time requirements are outlined in Article 8 of General Requirements.
4. The scope of work:
- Demolition of existing blowers and upgrading the electrical equipment

- Installation of two new blowers on a proposed concrete pad outside of control building.
 - Installation of a dissolved oxygen (DO) sensor.
 - Installation of electrical motor control center (MCC) panel.
 - Installation of new chemical feed pumps and associated piping.
 - Installation of new ventilation system in the chemical building.
 - Clarifier improvements to be included in addendum.
 - Replacement of one existing valve. Installation electric actuators for existing valves.
 - Replacement of the existing transformer (T1) with the new transformer specified in the CONTRACT DOCUMENTS to be included in an addendum.
 - Installation of new fence and other associated restoration.
5. Contract is a Lump Sum Contract.
 6. The work is taking place in an established and operating WWTP. The treatment plant can temporarily shut down during the month of **January**. The new equipment may be switched during the WWTP shut down. Shut down time shall not exceed 2 weeks.
 7. The DO control and instrumentation/components should be supplied by Blower Manufacturer.
 8. DNREC will pre-purchase the MCC panel. The Contractor is responsible to install the MCC panel as part of the project. The MCC panel has been ordered. Once the MCC Panel is delivered to the site, the Contractor is responsible for the panel including storage and protection.
 9. For a period of two (2) years from the date of substantial completion, the contractor warrants that work performed under this contract conforms to the contract requirements and is free of any defect of equipment, material or workmanship performed by the contractor or any of his subcontractors or suppliers. However, manufacturer's warranties and guarantees, if for a period longer than two (2) years, shall take precedence over the above warranties. The contractor shall remedy, at his own expense, any such failure to conform or any such defect.
 10. SECTION 011400 - WORK RESTRICTIONS; Contractor should review prior to bid.
 11. Asbestos and Hazardous Materials Procedure: In the event the Contractor, during the course of the work on the project, encounters the presence of asbestos or any materials containing asbestos, or polychlorinated biphenyl (PCB's) or any other hazardous materials as recognized by local Authorities having jurisdiction, promptly notify the Owner through the Architect/Engineer. See additional requirements in Contract Documents.

12. Contractor will be expected to conduct his work in a safe manner and in accordance with OSHA requirements including meeting all the requirements for confined space entry and trench safety.
13. The Field Office included in the Contract Documents is not required.
14. The Contractor can make use of the portable bathroom that is currently at the site.
15. The contractor can drive through the front gate and around the settling pond in order to deliver equipment and materials for the upgrade to the Chemical Building. Also, the contractor will be responsible to repair any impacts created by the delivery route to access the Chemical Building.
16. DNREC will schedule a date when Subcontractors can visit the site to review existing facilities. The request for the site visit must be submitted in writing, and the site visit must occur prior to November 27, 2018.
17. The Contractor asked who is paying to re fuel the generator during shutdown. Answer: Fuel for the emergency generator at the site is the Contractor's responsibility.
18. The contractor shall designate a superintendent who shall be on site for the duration of the project.
19. The bid opening is a public bid opening.
20. Sid Sharma is the plant operator. Coordination with Mr. Sharma will be required during construction.

SPECIFICATIONS:

Specification Section 444223.02, Bid Form, CWSRF Loan Forms: The Bid Form has been revised reflect to the correct Bid Opening Date. Also, Specification Section 444223.02 is provided for the pertinent information about the clarifier upgrade.

CWSRF Loan Forms: These forms are included in the Specification document, and they need to be filled out and submitted with your bid.

DRAWINGS:

Drawings: Transformer Design, plan sheets ED-01, E-01, E-02, E-06. E-01 and E-02 shall replace the drawings in the original plan set. ED-01 and E-06 were not included in the plan set.

Shop Drawings: The shop drawing for the Motor Control Center (MCC) is provided for informational purposed only. The MCC is going to be purchased by the Parks as noted above.

ATTENDANCE SHEET

CONSTRUCTION PROGRESS MEETING – CONTRACT # 2018-LP-100

NAME: Lums Pond WWTF Modifications

DATE: November 19, 2018 at 10:00 PM

NAME	AGENCY/COMPANY	TELEPHONE	EMAIL
Cindy Todd	DNREC	302-739-9210	Cindy.Todd@state.de.us
Julio Seneus	DNREC	302-739-9211	Julio.Seneus@state.de.us
Joe Kline	DNREC	302-242-3835	Joseph.kline@state.de.us
John Welsh	DNREC	302-584-2337	John.welsh@state.de.us
Karen Du	AECOM	302-781-5903	karen.du@aecom.com
Davison Mwale	DNREC	302-739-9941	davison.mwale@state.de.us
Tony Stuart	DSS	302 737 1007	Tony@DSSfabrication.com
Mike Cox	Nilo Electrical	410 438 2720	niloelec@yahoo.com
GARNELL CRAWFORD	JTID INC	302 448-1282	GCRAWFORD@JTID.COM
John Troutman	M2 Construction LLC	717-415-1273	JTroutman@m2constructionllc.com
Jerry Katzowitz	AECOM	302-463-3408	GERARD.KATZOWITZ@AECOM.COM
Bobby Tudor	TUDOR ELECTRIC	302-736-1444	TUDORELECTRIC@COMCAST.NET
Adam Smith	Tudor Electric	736-1444	Tudorelectric@comcast.net
Brian Booth	CLC	302-654-6611	bbooth@clc.com

NAME: Lums Pond WWTF Modifications – File: LP-29

11/19/2018