

**ADDENDUM NO. 2  
TO THE  
DRAWINGS AND SPECIFICATIONS  
FOR THE INDIANA DEPARTMENT OF ADMINISTRATION  
CIKANA STATE FISH HATCHERY WATER LINE & DRAIN PIPE IMPROVEMENTS  
PROJECT NO. 300DM-55012-01**

**ISSUED FROM:** COMMONWEALTH ENGINEERS, INC.  
7256 Company Drive  
Indianapolis, IN 46237

**ISSUE DATE:** April 22, 2020

**BID DATE:** April 30, 2020

This **Addendum No. 2** to the drawings and specifications shall supplement, amend and become a part of the bidding documents, plans and specifications. All bids and construction contracts shall be based on these modifications to the original contract documents.

**ITEM NO. 1 GENERAL**

- A. There have been no further updates regarding the submittal of the Bids to the Indiana Department of Administration, Public Works Division Bid Desk. Due to the Governor's extension of the stay-at-home order to May 1, 2020, the Indiana Government Center South (IGCS) will be closed to the public on April 30, 2020. Bidder shall assume bids must be mailed in to be received and are encouraged to allow sufficient time for receipt of bids.
- B. Attached is the Supplemental Unit Prices Form regarding the second mobilization as described in DS-02. This form shall be filled out and submitted with rest of the Bid Documents.
- C. There is existing CCTV video of all drain pipes proposed for lining with the exception of Ponds 23-26 in the East Unit. No blockages or collapsed pipes were noted which could prevent lining the sewer. The CCTV videos are unable to be provided prior to bidding, but will be made available to the contractor after the project is awarded, if desired.
- D. Contractor shall note the well valve vaults may need to be pumped down due to infiltration and surface runoff which have filled the vaults with water.

**ITEM NO. 2 CONSTRUCTION PLANS**

- A. **MODIFY** Sheet PS3 as follows:
  - 1. Add the following text with an arrow: "See Note 3" to the length of pipe from Pond #13 to Existing Structure No. 9. This pipe segment is considered to be a lateral and shall be lined with CIPP.

B. **CLARIFY** Sheets PS16, PS 17, PS18, and PS19 as follows:

1. As indicated by the water main trench details and pavement repair details on Sheets MD1 and MD2, contractor shall repair the asphalt driveway which will be cut to install water main Lines Q, R, T, U, V, W, X, Y and Z. Due to the amount of asphalt expected to be affected by the water main trenching, the following work shall be included:
  - a. Install compacted aggregate and HMA Base as required over trench
  - b. Mill 1-1/2 inches of asphalt surface off the entire drive within the limits of water main replacement. This runs from a point at Well No. 1 in the east to the southwest edge of Pond #22 where the asphalt drive ends in the west. This is approximately 1,400 LF of asphalt drive at an average width of 16 feet. This will not include the parking lots, but shall include approaches to the gravel drives on the levees.
  - c. Install 1-1/2 inches of HMA surface over the same milled section of asphalt drive.

C. **CLARIFY** Sheet PS26 as follows:

1. The left-most screen slot called out on the Plan View on this sheet is only intended to be a slot from the top of the kettle side wall to the top of the interior wall it sits above. The wall below the slot is a solid reinforced concrete wall which does not move.

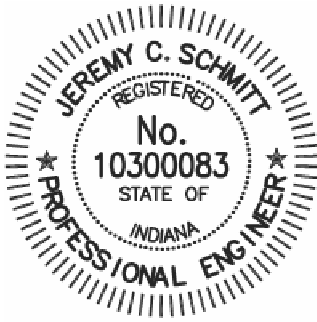
**ITEM NO. 3** **PART C – DETAILED SPECIFICATIONS**

A. **REPLACE** Section 3.03.E.1 of Detailed Specification DS-08 – Cured-In-Place Sewer Segment Lining with the following:

1. The CIPP liner shall form a watertight seal at the upstream and downstream manholes. There shall also be a watertight seal installed at the pond lateral connection to the drain pipe and where the pond lateral connects to the concrete kettle. This may be accomplished by a waterstop or hydraulic grout.
2. The waterstop material shall be “Hydrotite RS-0723-3.51” or “DS-0520-3.51”, non-bentonite, modified chloroprene rubber expandable gasket complying with ASTM D412 and ASTM D2240 as manufactured by Western textile Co., Greenstreak Division, or approved equal. Two rings of the waterstop gasket shall be attached to the interior wall of the host sewer pipe.
3. The hydraulic grout shall be a quick-setting, non-shrink hydraulic grout.

#### **ITEM NO. 4   CONTRACTOR QUESTIONS**

- Q1.    What is the diameter of the pond laterals which are to be lined?
- A1.    The laterals vary from 12" to 15" according to the existing plans. The Contractor shall field verify all pipe diameters.
- Q2.    It appears there is one 12" connection and eighteen 15" diameter connections intended to receive lateral lining, is this correct?
- A2.    All pipe diameters are based on the existing plans and shall be field verified by the Contractor. For the bidding purposes, it should be assumed that there are sixteen (16) 15" lateral connections in the East Unit to be lined and six (6) 12" lateral connections to be lined at the North Unit as part of the Base Bid. Mandatory Alternate 3 includes two (2) additional assumed 15" lateral connection linings in the East unit.
- Q3.    How far into the pond lateral is the contractor expected to line?
- A3.    The Contractor is responsible for lining the lateral from the main drain line connection to the inlet of the kettle structure, which is the entire length of lateral.
- Q4.    How long are the pond laterals?
- A4.    These vary according to location. For all pond laterals which run perpendicular to the levees, assume the laterals are 11 feet long for the East Unit and 12 feet long for the North Unit. Contractor shall estimate lengths for Ponds 13, 21, 23, and 26.
- Q5.    Can the Contractor assume the flow can be stopped at each connection to allow lateral lining installation?
- A5.    Yes, these laterals are used for the purposes of draining ponds and are normally closed and dry. Contractor shall be responsible for handling minor leakage through the existing sluice gates for the few ponds which will remain filled during the project.
- Q6.    Is the exposed ductile iron pipe and ductile iron pipe in the valve vaults required to be painted?
- A6.    Ductile iron pipe shall conform to the coatings and linings specification of WM-14 Section 2.01 B. It does not need to be field coated if it meets the specification.
- Q7.    What screens are required to be provided for the screen slots called out on Sheets PS26 and S2-1?
- A7.    None. The Owner already has screens which can be installed in these slots when needed.



**CERTIFIED BY:**

A handwritten signature in black ink that reads "Jeremy C. Schmitt".

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Jeremy C. Schmitt, P.E.  
Registered P.E. No. 10300083  
State of Indiana

Attachments:

1. Supplemental Unit Prices Form

**SUPPLEMENTAL UNIT PRICES**

Unknown site conditions or design changes will have an impact on the amount of labor and materials required to complete this contract according to the plans and specifications. Therefore, the contractor shall prepare their lump sum bid based on the estimated dimensions or quantities provided in the plans and specifications. The contractor agrees to accept the following unit prices to adjust the amount of the contract, if actual site conditions or later changes in the design require quantities more than or less than those estimated. The supplemental unit prices shall be submitted with the bid documents. These are part of the lump sum bid and are not to be considered in addition to.

Item 1. Initial Mobilization\* (LS).....\$ \_\_\_\_\_  
Item 2. Second Mobilization\* (LS).....\$ \_\_\_\_\_

\*Refer to Detailed Specification DS-02 – Mobilization, Bond and Start-Up for more information

**COMPANY NAME:** \_\_\_\_\_

**SIGNATURE OF BIDDER:** \_\_\_\_\_

**DATE:** \_\_\_\_\_