

ADDENDUM NO. 3
SEWER SYSTEM IMPROVEMENTS
CONTRACT 18-03
MYRENE DRIVE SEWAGE PUMPING STATION
HENDERSON WATER UTILITY
HENDERSON, KENTUCKY
WAUFORD PROJECT NO. 2016

Date of Addendum: Monday, February 4, 2019
Bid Opening: Wednesday, February 6, 2019, 1:30 P.M. Local Time

1. Attached is the Question and Answer document regarding questions submitted since Addendum No. 2 was issued.
2. Detailed Specifications, Section 7A. Wet-Pit Submersible Pumps and Accessories, Paragraph 7.c.(1). General, Page DS 7A-8:

Replace the paragraph as follows:

“(1) General

The Local Control Panel for the Myrene Drive Sewage Pumping Station shall be NEMA 4X Stainless Steel with a Solar Shield.

The Control Panels shall be built to UL698A standards, shop tested prior to shipment, physically mounted by the General Contractor, and started up by the Contractor. Panels shall be furnished as follows:

- (a) The control panels shall be freestanding with mounting feet or wall mounted and shall be constructed of painted steel or stainless steel as indicated. Control panels shall be furnished with space heaters and/or ventilation as required by the application. Enclosures shall be manufactured Hoffman or approved equal. Color samples shall be submitted to the Engineer for approval.
- (b) All equipment shall be suitable for operation 120V, 60 Hz, single phase power. If the control panel is powered by other than 120 volts, the control panel supplier shall furnish control power transformers as necessary.

- (c) All field wiring terminations shall be made to terminal strips capable of accommodating the wire size shown on the Plans. Terminal strips shall be equipped with all contacts required for the pump motor starters. Terminal strips shall be mounted using DIN rails. Terminal strips shall be as manufactured by Phoenix Contact, Allen-Bradley or approved equal.
- (d) An Eaton Powerware (5115 1000 VA) or equal Uninterruptible Power Supply shall be provided integral to each control panel enclosure.
- (e) Two (2) circuit breakers shall be provided integral to each control panel. One circuit breaker shall provide protection to each control panel's internal power supplies and the other circuit breaker shall provide protection to a Ground Fault Interrupt (GFI) duplex utility outlet.
- (f) An Edco, CITEL, or equal power surge protector shall be installed integral to the control panel to provide transient and surge protection for incoming AC power. A separate GFI duplex utility outlet shall be protected by the surge protector and shall be used only for the UPS system."

3. Detailed Specifications, Section 7A. Wet-Pit Submersible Pumps and Accessories, Paragraph 7.c.(5). Wiring, Page DS 7A-11:

Replace the paragraph as follows:

"All conductors used in fabricating the Control and Monitoring Panels shall be stranded cable. Insulation shall be MTW or better for control conductors and THW or better for power conductors. Wiring ducts, wire wrap and hardware shall be used as required. Wiring bundles that cross door hinge areas shall be protected from chafing with a plastic spiral wrap or other suitable material. Wiring shall be in accordance with the following color and size code:

AC Control	RED	#16AWG (or larger)
DC Control	BLUE	#16AWG (or larger)
120VAC Power	BLACK	#14AWG (or larger)
480VAC Power	BLACK	#10AWG (or larger)
External Control	YELLOW	#16AWG (or larger)
Ground	GREEN	#14AWG (or larger)
Neutral	WHITE	#14AWG (or larger)
Shielded	-----	#18AWG (or larger)

All conductors inside the Control and Monitoring Panel enclosures shall be identified by permanent wire markers in accordance with the wire identification shown on the Manufacturer's submittal drawings. Wire markers shall not rotate or slide on the wire and shall be positioned with the number facing the most reasonable location of observation. Numbers shall be the same at both ends of each conductor.

All wiring shall be grounded to the ground bus or other suitable ground in accordance with NEC requirements. The enclosure shall be connected to the ground bus with a dedicated grounding screw."

4. BID FORM:

Add the attached document titled "Statement Required Pursuant to KRS 45A.395 NON-COLLUSIVE AFFIDAVIT OF PRIME BIDDER" after the Bid Bond at the end of the Bid Form. This document shall be completed and submitted with sealed bid package.

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



Stephen C. Lee, P.E.
Kentucky License No. 27833

ADDENDUM #3 QUESTIONS AND CLARIFICATIONS
CONTRACT 18-03 – MYRENE DRIVE SEWAGE PUMPING STATION
HENDERSON, KENTUCKY

Bid Date: Wednesday, February 6, 2019

Time: 1:30 PM Central Time

Questions/Answers and Clarifications:

1. What is the required capacity of the bypass pumps?
The bypass pumps shall be rated to produce the capacity of the existing Myrene Drive SPS which is estimated to be 600 GPM at 80' TDH per pump.
2. Are fused HDPE Pipe with flanged fittings acceptable for bypass discharge piping?
Yes.
3. If diesel bypass pumps are utilized, can an auto-dialer alarm system be used along with a standby bypass pump to accommodate 24/7 monitoring?
Yes.

Statement Required Pursuant to KRS 45A.395
NON-COLLUSIVE AFFIDAVIT OF PRIME BIDDER

State of _____)

County of _____)

_____, being first duly sworn, deposes and says that:

(1) He or she is the owner, partner, officer, representative, or agent of _____, the Bidder that he or she has submitted the attached bid;

(2) He or she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

(3) Such Bid is genuine and is not a collusive or sham Bid;

(4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached bid or of any other bidder, or to fix any overhead, profit or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Henderson Water Utility, the City of Henderson or any person interested in the proposed Contract: and

(5) The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed

Title

Subscribed and sworn to before me this _____ day of _____, 2019.

Title

My commission expires _____