

**CLARKSBURG WATER BOARD
HARRISON COUNTY, WEST VIRGINIA**

HIGH SERVICE PUMPS VARIABLE FREQUENCY DRIVES

ADDENDUM #1

DECEMBER 13, 2021

THRASHER PROJECT #101-010-10174.00

TO WHOM IT MAY CONCERN:

A Non-Mandatory Pre-Bid Conference was held at 10 AM on Thursday, December 9, 2021, for the above-referenced project. A copy of the sign in sheet is included in this Addendum. The following are clarifications and responses to written questions received to date.

A. GENERAL

1. THE BID OPENING DATE HAS BEEN INDEFINITELY DEFERRED UNTIL A NEW DATE AND TIME ANTICIPATED IN FEBRUARY, BUT YET TO BE DETERMINED.
2. THE OWNER, NOT THE CONTRACTOR, WILL FURNISH THE VARIABLE FREQUENCY DRIVES (VFD'S). THE VFD'S WILL BE AVAILABLE FOR INSTALLATION APPROXIMATELY NINE (9) MONTHS AFTER BID OPENING.
3. REVISED PLANS AND SPECIFICATION WILL BE PROVIDED IN A SUBSEQUENT ADDENDUM PRIOR TO BID OPENING.

B. SPECIFICATIONS

SECTION 262923 "VARIABLE-FREQUENCY MOTOR CONTROLLERS" IS FOR INFORMATION ONLY AS THE OWNER WILL FURNISH THE VARIABLE FREQUENCY DRIVES.

C. DRAWINGS

NO CHANGES WITH THIS ADDENDUM.

D. QUESTIONS AND RESPONSES

Specification Page 260010 - 15 & 16

QUESTION 1

Section 2.7 Closeout Activities A.1.b. has reference to Specification Section 260573.16 “Coordination Studies” this does not exist in the specifications provided for this project. Is a coordination study needed? If so, provide spec.

RESPONSE

A coordination study is not required.

QUESTION 2

Section 2.7 Closeout Activities A.1.c. has reference to Specification Section 260573.19 “Arc Flash Hazard Analysis” this does not exist in the specifications provided for this project. Is an arc-flash hazard analysis needed? If so, provide spec.

RESPONSE

An arc-flash hazard analysis is not required.

QUESTION 3

Section 2.7 Closeout Activities A.1.d. has reference to Specification Section 260913 “Electrical Power Monitoring” this does not exist in the specifications provided for this project. Is electrical power monitoring needed? If so, provide spec.

RESPONSE

Electrical power monitoring is not required.

QUESTION 4

Section 2.7 Closeout Activities A.1.e. has reference to Specification Section 261116.13 “Secondary Unit Substations with Motor Control Center Secondary” this does not exist in the specifications provided for this project. Are secondary unit substations with motor control center secondary needed? If so, provide specs.

RESPONSE

Secondary unit substations are not required.

Specification Section 260011

QUESTION 5

This specification appears incomplete.

RESPONSE

Specification Section 260011 is not required.

Specification Section 260513

QUESTION 6

Page 2 Section 2.2. Cables A. The link bares no results.

RESPONSE

This information will be provided in a future addendum.

QUESTION 7

Page 2 Section 2.3. Connectors A. The link bares no results.

RESPONSE

This information will be provided in a future addendum.

QUESTION 8

Page 2 Section 2.4. Solid Terminations A. The link bares no results.

RESPONSE

This information will be provided in a future addendum.

QUESTION 9

Page 4 Section 2.5 Separable Insulated Connectors I. this lists a tool set, is this to be furnished for owner?

RESPONSE

A tool set is not required.

QUESTION 10

Page 4 Section 2.7. Medium Voltage Tapes B. The link bares no results.

RESPONSE

This information will be provided in a future addendum.

Specification Section 262923-4

QUESTION 11

Section 2.2 System Description J.2. has reference to Specification Section 264313 “Surge Protection for Low Electrical Power Circuits” this does not exist in the specifications provided for this project. If needed, provide spec.

RESPONSE

Surge protection for low electrical power circuits is not required.

Page E3

QUESTION 12

Please provide specifications on 5KV Bus Cabinet. What type of medium voltage termination is needed to connect to disconnect?

RESPONSE

5KV Bus Cabinet specifications are not currently available. The termination type will be included in a future addendum.

QUESTION 13

Please provide conduit specification.

RESPONSE

The conduit specifications will be included in a future addendum.

QUESTION 14

Please provide one line diagram. 15. Note J – Is each 2 ½” conduit supposed to have (3) #2/0 conductors and (1) #6 ground? Please clarify.

RESPONSE

A one-line diagram will be provided in a future addendum.

QUESTION 15

Note J – Is each 2 ½” conduit supposed to have (3) #2/0 conductors and (1) #6 ground? Please clarify.

RESPONSE

Each 2 ½” conduit “J” shall contain (6) 2/0 conductors and (2) #6 grounds. One conduit “J” is for supply power from the existing disconnect CB to the new VFD. The second conduit “J” is for motor lead from the new VFD to the existing motor leads.

QUESTION 16

Note M – Where is disconnect located and what is the amperage of fuses? What type of medium voltage termination is needed to connect to disconnect?

RESPONSE

This information will be provided in a future addendum.

QUESTION 17

Regarding Instruction to Bidders Page 9 1. Article 24 - Do Davis Bacon wages apply or any other wage rate requirement?

RESPONSE

Neither Federal Davis Wage Rates or State Wage Rates (no longer applicable) apply.

E. CLARIFICATIONS

NO OTHER CLARIFICATIONS.

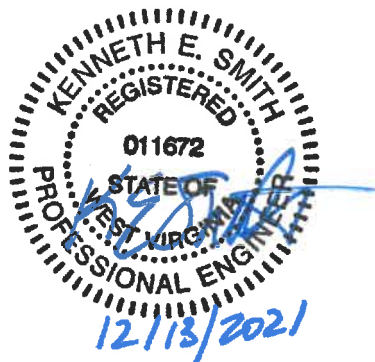
Sincerely,

THE THRASHER GROUP, INC.



Ken Smith, PE

Enclosures: Non-Mandatory Pre-Bid Conference Sign-In Sheet



**CLARKSBURG WATER BOARD
HARRISON COUNTY, WEST VIRGINIA
HIGH SERVICE PUMPS VARIABLE FREQUENCY DRIVES**

PRE-BID CONFERENCE

Thursday, December 9, 2021

Thrasher Project #010-10174

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