ADDENDUM NO. 2
TO
CONTRACT DOCUMENTS
FOR
CITY OF GRAND ISLAND, NE
WASTEWATER TREATMENT PLANT FLOW IMPROVEMENTS

DATE OF ISSUE: March 4th, 2022

REVISED DATE OF BID OPENING: March 15th, 2022, 2:15 PM

TO: PROSPECTIVE BIDDERS AND OTHER INTERESTED PARTIES

Items Included and Attached with this Addendum:

THE CONTRACT DOCUMENTS ARE HEREBY MODIFIED BY THE FOLLOWING ITEMS:

CHANGES TO SPECIFICATIONS

AD-2 Item 1 Advertisement to Bidders – Change Bid opening item to **2:15 PM, Tuesday March 15, 2022**.

AD-2 Item 2 SECTION 01 14 16-3

A. ADD Line 1.5 B. 9.: "The plants non-potable water system will be available to the contractor. Contractor is to coordinate with owner proposed connection point(s) and water demands that are needed for the progression of work."

B. ADD Line 1.5 B. 10: "Influent Flow to the aeration basins will have a average annual of 12.5 MGD and a peak hour of 25 MGD. Assume a 50% RAS return ratio to the head of the aeration basin. Contractor to coordinate with owner to determine bypass pumping flow requirements."

AD-2 Item 3 SECTION 03 35 00 – 2

A. Remove Section 1.2 C in its entirety.

AD-2 Item 4 Section 40 05 59-4

A. Add The Following Section:

B. 2.2B EQUIPMENT – STOP LOGS
1. Design Requirements
2. Locations: Aeration Basin Influent Channel, Clarifier Splitter Structure
3. Clear opening width, guide frame height, and stop log height.
4. Field measure actual channel dimensions prior to submitting Shop Drawings.
5. Leakage shall not exceed 0.10 gpm/ft of wetted seal perimeter
6. Stop logs shall be designed to function properly when stacked in any order.

7. Stop logs shall be designed to drop into place under their own weight without any downward pressure necessary.
8. Stop logs shall be reinforced with plates or channel shaped members to restrict deflection to less than 1/360 of the span or 1/8-inch, whichever is less, at the design head.
9. Each stop log shall be outfitted with a continuous resilient lip seal along the bottom and both sides.
10. A stop log lifter shall be provided to individually install or remove the stop logs.
11. Each stop log shall be provided with two slots or lugs for removal and installation via the stop log lifter.

C. Materials:
1. Stop logs: Stainless steel, Type 304 and Type 304L
2. Maximum tensile strength: Reference Section 05 50 00.
3. Guide Frames and Invert Member: Type 304 or Type 316 Stainless Steel.
4. Hardware: Type 316 Stainless Steel
5. Lip seal: urethane, EPDM or Neoprene

AD-2 Item 5 40 61 13 – 1

A. REMOVE Section 1.2 B. 1. b: in its entirety.

CHANGES TO DRAWINGS

AD-2 Item 6 DRAWING 00Y603-AERATION BASIN LIQUID FLOW PROCESS AND INSTRUMENTATION

A. REMOVE Gate tag “G-0287-01”

ALL ITEMS IN CONFLICT WITH THE ADDENDA ARE HEREBY DELETED.

THIS ADDENDUM IS MADE PART OF THE CONTRACT DOCUMENTS AND SHALL BE NOTED ON THE BID FORM

HDR ENGINEERING, INC.

Amit Shrivastava

Amit Shrivastava, P.E.