

ADDENDUM NO. 1

This Addendum consists of the following **CHANGES TO THE BID DOCUMENTS FOR OFFICIAL NOTICE 119-1-2016**:

1. PLEASE SEE THE RESPONSES BELOW TO THE REQUEST FOR INFORMATION SUBMITTED:

QUESTION #1:

- **RFI QUESTION:** Can existing hardware (bolts/nuts) be reused when reinstalling the flocculator paddles and paddle bracing, or does the contractor need to provide new stainless steel hardware?

RESPONSE #1:

- Existing hardware may NOT be reused. Bolting hardware must be 18-8 or 304 stainless steel and shall be furnished by the contractor.

QUESTION #2:

- **RFI QUESTION:** When do you anticipate a Notice to Proceed being issued?

RESPONSE #2:

- Notice to Proceed will be issued after full execution of Contract.

QUESTION #3:

- **RFI QUESTION:** What date do you anticipate the Basin #4 being empty and clean for the contractor to begin work?

RESPONSE #3:

- Coagulation/Sedimentation Basin #4 is anticipated to be drained and cleaned prior to Notice to Proceed.

QUESTION #4:

- **RFI QUESTION:** Section 01010, 1.01, B. 8. describes inspection services that need to be performed on the Sedimentation Basin #4 sludge collector system. Is the contractor allowed to self-perform these inspection services?

RESPONSE #4:

- The contractor may perform the inspection services provided they are deemed qualified. Regardless, the contractor must fill out and submit with their bid the Equipment/Qualifications Questionnaire, which has an item pertaining to the inspection.

QUESTION #5:

- **RFI QUESTION:** Please provide the manufacturer/supplier of the existing shafts and bearings being removed.

RESPONSE #5:

- The manufacturer/supplier of the existing shafts and bearings is Envirex.

QUESTION #6:

- **RFI QUESTION:** Drawing HP-184-M1 shows a “Stuffing Box Parts List” required for each assembly. Please confirm that the existing Cast Iron Stuffing Box (Labeled Item #1 on the detail) will remain and that we are only replacing the remaining components listed (Labeled Items #2 through #9).

RESPONSE #6:

- The existing cast iron stuffing box (Item #1 on stuffing box assembly section/detail chart on Contract Drawing HP-184-M1) is integral to the wall and shall remain. Remaining components are to be replaced.

QUESTION #7:

- **RFI QUESTION:** Will the contractor be responsible for cleaning (spraying down) the existing flocculator paddle assemblies?

RESPONSE #7:

- The contractor shall clean paddle assemblies to a “sanitary condition”. See Section 01700, CONTRACT CLOSEOUT, 1.03 Final Cleaning.

QUESTION #8:

- **RFI QUESTION:** Can flanged shaft connections be used in lieu of compression couplings?

RESPONSE #8:

- No.

QUESTION #9:

- **RFI QUESTION:** For the submerged bearings, are the inserts supposed to be bronze as stated in 2.3 A or the TIVAR 1000 UHMWPE or equal stated in 2.1?

RESPONSE #9:

- The submerged bearings are the TIVAR 1000 UHMWPE or equal as stated in Section 15545 FLOCCULATOR BEARINGS. The non-submerged bearings are the cast iron block bearings with bronze bushings as stated in Section 05500 STAINLESS STEEL SHAFTS, PART 2 – PRODUCTS, 2.3 NON-SUBMERGED BEARINGS, Item A.

QUESTION #10:

- **RFI QUESTION:** Could the bearings be Ryertex or Thordon?

RESPONSE #10:

- This shall be determined at the time of product submittal after Notice to Proceed.

QUESTION #11:

- **RFI QUESTION:** Is the hardware to be replaced new in kind from the existing hardware, and if so, what material grade 18-8SS, 304SS, or 316SS?

RESPONSE #11:

- See RESPONSE #1.

QUESTION #12:

- **RFI QUESTION:** Can the existing pillow block base anchoring be re-used?

RESPONSE #12:

- Submerged pillow block base plate anchoring shall be drilled out of the concrete pedestals and a threaded sleeve shall be installed/inserted for bolt anchoring. The Pillow Blockbase Anchoring Detail on Contract Drawing HP-184-M1 shall be used as a dimensional reference only.

QUESTION #13:

- **RFI QUESTION:** Can we propose our design of using shafts with flanges to connect shafts together instead of the use of compression couplings? This option would be more cost effective to you as the end user. We also felt that it is a better design in the case of any future wear of the shaft at the bearing - only the smaller section of shafting at the bearing would be replaced.

RESPONSE #13:

- See RESPONSE #8.

QUESTION #14:

- **RFI QUESTION:** Is there a cleaning process required for the paddles that are being un-installed and then re-installed?

RESPONSE #14:

- See RESPONSE #7.

END OF ADDENDUM NO. 1