April 29th, 2025

To All Bidders of F-23-NQ-01:

Please note: the following addendum applies to F-23-NQ-01 and shall be taken into consideration when preparing bid documents.

Please be advised that the AFNWA permits Bid Value Reduction in qualifying bids as per its Procurement Policy: www.afnwa.ca/storage/2023/05/AFNWA-Procurement-Policy-Revised-01-May-23.pdf

The relevant section is reproduced below.

The following Bid Value Reductions are applicable:

- *Indigenous owned (>50% beneficial ownership) → Up to 10% Bid Value Reduction*
- *If non-indigenous owned, historical evidence of commitment to source from or employ Indigenous businesses or people → Up to 5% Bid Value Reduction*

The AFNWA encourages the bidders to provide relevant information for evaluation if they wish to be considered for such Bid Value Reduction.

Project Specifications

Section 01 29 00, Payment Procedure

Add Item 1.5.1.2:

An additional warranty holdback of 2.5% will be applied to each of the applications for payment. This warranty holdback will be released at the conclusion of the 1-year warranty period if there are no remaining deficiencies and/or uncompleted work to be corrected by the Contractor.

Section 22 05 20, Meters and Gauges for Wastewater System

Add Item 2.4 Air Flow Meter:

2.4 AIR FLOW METER

.1 The flow meters system are to be mounted and connected to the blower air discharge pipelines at the location shown on the drawings, and consists of a flow sensor, a differential pressure transmitter, pipe section with wafer ends, and a flow recorder.

.2 The flow sensor is to be inserted into the discharge pipe, and sized as shown on the drawings.

.3 The Flow sensors shall be stainless steel, standard thread mounting with forged brass body valve, stainless steel stem and ¼" NPT instrument valve male connection.

.4 This unit shall be CSA approved rated for an input range of 0-3" to 0-20" H2O, and static pressure rated for 150 psi. The diaphragm material shall be 316 stainless steel, and the body and connection

block material shall be cadmium plated carbon steel, and the flange bolts are to be steel SAE Grade 8.

.5 The blower air meter system shall be complete with the necessary length required of 6 mm (1/4") diameter Stainless Steel tubing between the flow sensor and the DP transmitter, with required adaptors and fittings for the connection layout shown on the drawings.

.6 Acceptable differential pressure transmitter:

.1 AccuCone V-Cone DP-Meter c/w Siemens Sitrans P320 Differential Pressure Transmitter and 3-Valve Manifold, Flange x Flange Design;

.7 The Air Flow Meter system is to be supplied with all required stainless steel fittings and piping for a complete installation, incidental to the work.

Section 33 00 01, Sludge Removal & Dewatering

Question: On page 29 of 35, it reads "disposal shall be at the Lancaster lagoon". Will we be able to dispose of non-contaminated materials at each of the sites outlined in the RFP usually, the client will arrange for a local site to dispose of sands and gravels?

Answer: The wording "disposal shall be at the Lancaster lagoon" does not appear in the specification. Contractor to clarify the section being referenced. For clarity, disposal shall be carried out at an approved facility in accordance with all applicable regulations and requirements.

Question: Will there be a designated spot on each site to obtain water for the flushing units?

Answer: Any water requirements, including those for the flushing units, shall be the responsibility of the Contractor and are considered incidental to the work as stated in Item 2.7.1.

Section 42 80 00, Supply and Installation of UV System

Question: Has the UV equipment for this tender been pre-purchased, or is it in the supply of equipment? If it is in the scope of supply, please send me the tender documents.

Answer: The supply of the UV equipment is included in the Contractor's scope, as outlined in Item 1.2.1. For complete details, please refer to the issued specifications and drawings provided with the tender documents.

Section 10 81 00, Supply and Installation of New Blowers

Question: Actual Blowers Flow or Pressure requirements. Confirm the Blowers Design Flow & Pressure required below:

Flow One Blower on duty: _____ scfm
Normal Operating Pressure: _____psi
Max Operating Pressure: _____psi

Answer: Blower shall be sized and selected by the Aeration System supplier as stipulated in Section 10 81 00 Item 2.1.5.

Project Drawings

Drawing M01:

Existing Blower Building:

Add Note 2. REPLACE THE EXISTING SIDING WITH PREFORMED METAL SIDING (IN CONFORMANCE TO SECTION 07 46 13 ITEM 1.1.1) AND THE EXISTING ROOFING WITH SHEET METAL ROOFING (IN CONFORMANCE TO SECTION 07 61 00) TO MATCH THE NEW UV BUILDING. REPLACEMENT TO INCLUDE SHEET METAL FLASHING AND TRIM TO MATCH THE UV BUILDING.

Drawing C04:

Reinstated Side Slope:

Replace note: "AREA TO BE REINSTATED WITH 100mm THICK LAYER OF TOPSOIL AND HYDROSEED" with "AREA TO BE REINSTATED WITH 300mm THICK LAYER OF NBDTI R5 RIP RAP OVERLAIN NON-WOVEN GEOTEXTILE FABRIC".

New Gravel Access Road:

Replace note: "NEW GRAVEL ACCESS ROAD MIN. 3.00m WIDE 150mm of 0-31.5mm GRANULAR BASE COURSE AND 450mm OF 0-75mm GRANULAR SUB-BASE. REFER TO NOTE 3." with "NEW GRAVEL ACCESS ROAD MIN. 3.00m WIDE. GRADE AND COMPACT EXISTING MATERIAL TO 95% MAX DRY DENSITY AND PLACE 150mm of 0-31.5mm GRANULAR BASE COURSE. REFER TO NOTE 3."

New Gravel Pad:

Replace note "50mm of 0-31.5mm GRANULAR BASE COURSE AND 150mm OF 0-75mm GRANULAR SUB-BASE. REFER TO NOTE 3." with "GRADE AND COMPACT EXISTING MATERIAL TO 95% MAX DRY DENSITY AND PLACE 150mm of 0-31.5mm GRANULAR BASE COURSE. REFER TO NOTE 3."

Drawing C05:

DETAIL - SAMH-1 (UV BUILDING BY-PASS) - 1800mm x 1800mm PRE-CAST STRUCTURE:

Remove stainless steel sluice gate, stem anchors, and pipe from the scope of work. Remove 250mm dia. hole in concrete wall.

Drawing M03:

Typical Blower Section:

An air flow meter is required for the blower system and shall be incorporated into the Contractor's scope of work under Section 22 05 20 and as indicated on page 1 of this addendum. Air flow meter shall be mounted on the discharge header near the transition to the existing piping and installed as per the manufacturer's

recommendation.

Drawing M06:

Question: Drawing M06, plan view near bottom left corner shows an ultrasonic level controller. What is the tag # or location of the associated level instrument?

Answer: LIT-01 and LE-01.

Drawing E04:

Explosion Proof Well Box Detail:

Explosion-proof equipment is not required and shall be deleted from the scope.

Drawing P04:

Question: Drawing P04 shows PIT-01 and FIT-01 on the common blower discharge header within the blower building however these transmitters are not shown on mechanical drawing M03. Please confirm location of these transmitters - supplied loose or within blower packages?

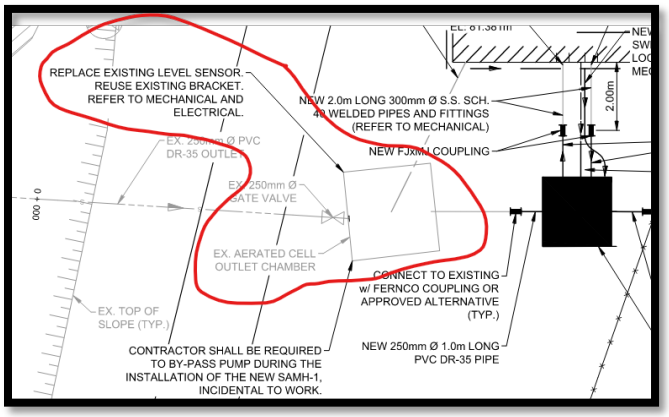
Answer: PIT-01 and FIT-01 are related to the air flow meter added to the scope of work as indicated on page 1 of this addendum.

Drawing P05:

Question: Drawing P05 shows LSHH-01 being located in the "Holding Tank". Please confirm location of this tank.

Answer: Delete the holding tank from the scope of work.
Question: Drawing P05 shows LR-01 being located in the "Flow Control Chamber". Please confirm location of this chamber.

Answer: Flow control chamber is the Existing Aerated Cell Outlet Chamber (refer snippet below from drawing C05).



A signed copy of each Addendum must also be included with the bid submission. Failure to include this Addendum may be cause for rejection.

If you have any questions, please contact our office by email at mohamed.osman@afnwa.ca

ALL OTHER SPECIFICATIONS, TERMS AND CONDITIONS REMAIN UNCHANGED.

Acknowledgement by Bidder:

Company Name: _____

Print Name: _____

Signed: _____

Date: _____

End of Addendum #1