



899-2015 ADDENDUM 3

SOUTH END SEWAGE TREATMENT PLANT (SEWPCC) UPGRADING/EXPANSION PROJECT - CONTRACT 3 - BIOREACTOR, BLOWER BUILDING, AND SECONDARY CLARIFIERS STRUCTURAL CONCRETE & MISCELLANEOUS WORK

URGENT

**PLEASE FORWARD THIS DOCUMENT TO
WHOEVER IS IN POSSESSION OF THE BID
OPPORTUNITY**

ISSUED: March 4, 2016
BY: Owen Van Wallegghem, P.Eng.
TELEPHONE NO. 204 488-2214

**THIS ADDENDUM SHALL BE INCORPORATED
INTO THE BID OPPORTUNITY AND SHALL
FORM A PART OF THE CONTRACT
DOCUMENTS**

Template Version: A20150806

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Bid Opportunity, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 10 of Form A: Bid may render your Bid non-responsive.

PART B – BIDDING PROCEDURES

Revise: B2.1 to read: The Submission Deadline is 12:00 noon Winnipeg time, March 18, 2016.

QUESTION AND ANSWER

- Q1: On the following Automation Drawings – ADTL-A005, ADTL-R001 Sheets 001 & 002 and ADTL-R003 there are instrument, sensor and transmitter embed installation details shown. Are all these details part of mechanical supply & installation for this contract?
- A1: All embeds are within the scope of this contract.
- Q2: Clarifier Drawing PGAD-S004 – How are the four (4) tie-in locations shown on this drawing to be isolated which the tie-ins are completed under this contract? Tie-ins are North & South of Gridlines Ds & Es.
- A2: 900-ML-SS01 will not be connected to existing plant piping, however, it should terminate with a blind flange for leakage testing
- 350-RAS-SS01 and 600-RAS-SS01 are provided with blind flanges on the existing ends of the pipes
- The two 300-PD-SS01 pipes need to connect to existing process drains at the plant. Coordination with plant operators will be necessary.
- Q3: Can a section side view be provide for the clarifier centre columns? Are we to provide a 900mm 90 deg elbow c/w a riser pc OR are we just subbing the 900mm pipe c/w puddle flange into a concrete centre column? Please clarify and/or provide side view detail drawing.
- A3: There are sections provided on drawings PGAD-S010 and S012. The 900 mm pipe terminates flush with the 1067 mm diameter vertical concrete opening. There are is no elbow required on the 900 mm pipe at this end.
- Q4: Do the three (3) concrete encased lines going to the clarifier centre columns have to be pressure tested? These lines will be open ended and only under very minor head pressure during operation? The 900-ML-SS01, 600-RAS-SS01 & 350-RAS-SS01 lines. Please clarify.
- A4: Yes these pipes have to be pressure tested when the clarifier structure is tested for leakage.

- Q5: Regarding ALP embeds blower building floor: Can you clarify for the purpose of this contract if the wall or slab pipe penetration is to be fabricated from the flange to include the elbow or is the pipe to be plain end with no elbow or flange?
- A5: Pipes should not end with a plain end. They shall be flanged. Refer to drawing PGAD-R017 Section H1.
- Q6: Re: Section 40 27 00-21 Item 3.15. Is disinfection required for the any of the piping on this project? If yes, please clarify which piping is to be disinfected.
- A6: Not required for process mechanical piping.
- Q7: Are we to assume that all pipe below the foundation slabs are encased in concrete? The question is being asked as the process drawings identify types of pipe that are encased in concrete and does not identify others that are below the raft slab.
- A7: Yes, assume all pipes below foundation slabs are encased in concrete.
- Q8: Please provide the piling plan for the secondary clarifiers, illustrating pile locations and heights.
- A8: Piling plan will be made available to selected contractor.
- Q9: Are the secondary clarifier walls to be poured in one pour? ie; vertical pour breaks in walls are not allowed.
- A9: Pour breaks are allowed. Submit proposed pour and joint plan per Specification Section 03 15 00, 1.4.A.1.
- Q10: General question: Sleeve detail 4027-605 is shown with flanged ends. On the drawings, not all these sleeves are indicated with flanges. For example, line 400-PD-SS01 on dwg. PGAD-S007 shows flanges at GL Fs but no flanges close to where the line terminates at the stop logs. Do we provide flanges on all of the 4027-605 sleeves in contract 3 weather shown or not or, flanges required only where shown on the plan and section drawings?
- A10: Flanges are required on both sides of the sleeve detail 4027-605.