Corporate Finance Department
Materials Management Division

426-2017 ADDENDUM 2

Request For Proposal For Professional Consulting Services For Evaluation Study Of Wastewater SCADA Communications System

ISSUED: August 8, 2017
BY: Sean Gordon
TELEPHONE NO.   204 - 986-8643

URGENT

PLEASE FORWARD THIS DOCUMENT TO WHOEVER IS IN POSSESSION OF THE REQUEST FOR PROPOSAL

THIS ADDENDUM SHALL BE INCORPORATED INTO THE REQUEST FOR PROPOSAL AND SHALL FORM A PART OF THE CONTRACT DOCUMENTS
Template Version: Ar20160708

Please note the following and attached changes, corrections, additions, deletions, information and/or instructions in connection with the Request for Proposal, and be governed accordingly. Failure to acknowledge receipt of this Addendum in Paragraph 9 of Form A: Proposal may render your Proposal non-responsive.

QUESTIONS AND ANSWERS

Q1   Current network diagram/topology?

   A1   Please see the network overview diagram, which is one of the Relevant documents available upon request and upon submission of completed Non-Disclosure agreement.

Q2   Plant Floor Layout?

   A2   Each station is different in both physical size and complexity.

Q3   What background can you provide surrounding the use of interfaces and protocols from each SCADA device?

   A3   The old stations currently use SCADAPack Modbus and the newer stations are using the DNP3 protocols. For the sites which were visited as part of the Site Investigation, the Saskatchewan Lift and Selkirk Diversion are using SCADAPack Modbus. Marion and Selkirk Flood are using the DNP3 protocol.

Q4   What is the physical termination types are used for the phone lines – (eg: 66block, screw terminal, bix block)?

   A4   PSTN lines come in to a screw down block. From there one pair goes to an RJ12 plug into the fax modem. The fax modem uses a serial DB9 to Ethernet converter to connect to the RTU.

Q5   What are the estimated cable distances for some of the arrangements at each installation?

   A5   Cable distances vary by the depth of the RTU panel, generally <100'.