REGIONAL DISTRICT OF NANAIMO

REQUEST FOR TENDER No. 23-007

Landfill Gas Control Plant and Flare Upgrade

Addendum 1
Issued: January 23, 2024

Closing Date & Time: on or before 3:00 PM Pacific Time on January 26, 2024

This addendum shall be read in conjunction with and considered as an integral part of the Request for Tender. Revisions supersede the information contained in the original Tender or previously issued Addendum. No consideration will be allowed for any extras due to any Vendor not being familiar with the contents of this Addendum. All other terms and conditions remain the same.

Questions & Answers

Q1. Section 23 11 23 1.9 only mentions Visual inspection of welds. Is additional NDE required for the process piping welds?

A1. Low Pressure application with operating pressure less than 1 PSI pressure; however as per specifications, all steel pipe welding must be undertaken as per the Section 23 11 23 Article 1.9.2.

Q2. Do you know the approximate depth below grade of the 50mm HDPE tie in location? Is it similar to Detail 2 on M107? 600mm?

A2. Pipe invert is anticipated to be at a maximum depth of 750mm below grade.

Q3. Does the new owner supplied valves match the dimensions of the existing valves being replaced? (No modifications required to spools).

A3. New valve dimensions should match existing valves. No modifications to existing spools are anticipated.

Q4. For testing of the underground HDPE condensate line please provide an approximate total length of the existing condensate drain not shown on the drawings. Are there additional branches? What is the termination end connection?

A4. Testing to be undertaken only for contractor installed HDPE condensate drain line. Due to the presence of a J-trap in the condensate line associated with decommissioned infrastructure, pressure testing of the existing line is not possible.

Q5. Can you confirm that the Flare Control Panel and Flare Ignition Panel are supplied by the Owner?

A5. Flare Control Panel and the Flare Pilot Ignition Panel / Valve and Regulator Assembly Panel are owner supplied as part of the Varec Flare Package.

Q6. Is the Flare supplier retained to help Commission the Flare?

A6. The flare supplier technical representative will be retained by the RDN to be in attendance for a period of three (3) days to support the Contractor Commissioning Team.

Q7. Section 23 30 01 Item 1.7.5 (Contractor supplied) possibly contradicts 3.6.1 (Owner supplied) Computer by RDN. Is the Computer supplied by the RDN and the VTSCADA software supplied by contractor?

A7. RDN to supply the PC Computer. Section 23 30 01, Article 3.6.1 shall read, "Owner supplied SCADA PC / Remote Monitoring Computer to be installed and connected to PLC in Control Plant building by Contractor as directed by Consultant."

Q8. Drawing E07 indicates 3 x ES emergency stop buttons, one on panel and two in field? Not shown on E15. Can you show on E15?

A8. E-Stop locations shown on Drawing E-02. Three locations are as follows: (1) PLC Control Panel, (2) SW 100mm x 100mm HSS Shelter Post, and (3) Entrance Gate Post.

Q9. Drawing E19 shows GA-120 (LFG analyzer) as having a sample in/out/exhaust and condensate drain. E20 is missing the exhaust. Is the analyzer supplied with vendor supplied umbilical heat traced sample lines?

A9. Sample exhaust shown on E19 has been decommissioned and removed. Amended drawings E19 and E20 attached.

Q10. Section 26 Written Electrical Specification 1.4.1 Existing Plant Instrumentation to be reused.

- Please issue shop drawings for all the existing instrumentation products.

A10. Please refer to the attached pdf files for TIT-103 & 104, PIT-102 & 131, FIT-130 and LSH-106

Sensor ID	Make	Model #	Description
TIT 103	Invensys Foxboro	PR-15UBS-004	Temperature Transmitter
TIT 104	Invensys Foxboro	PR-15UBS-004	Temperature Transmitter
TIT 132	Schneider Electric	RTT15S-T1SA1QNACD-L1A4M2	Temperature Transmitter
PIT 102	Invensys Foxboro	IGP20-A22B21C-M2	Pressure Sensor
PIT 131	Invensys Foxboro	IGP20-A22B21C-M2	Pressure Sensor
FIT 130	Thermal Instrument Co	62-9/9500	Flow Meter
LSH 106	Rosemount	2120	Vibrating Fork Level Switch

Q11. In Division 1 Written specs 01 93 13 3.6 Flare commissioning states that the commissioning of the flare is the contractor's responsibility. I reached out to the Flare supplier (Varec) and they have let me know that they included start-up assistance and commissioning in the supply of the flare stack to RDN. Please confirm if within our scope or if covered by RDN.

A11. The flare manufacturer representative will be present to assist with the commissioning of the system. We confirmed with Westech that the purchase order for the flare included field support during the commissioning period. The contractor shall be responsible for coordinating commissioning activities and fees associated with support from the commissioning team.

Contractor is responsible for retaining commissioning team as define in article 1.6.1 of specification section 01 91 13 for the duration of the commissioning duration (i.e. 3 days), defined in article 1.6.2.

Engineer will be present during commissioning to provide technical support to the commissioning team and the flare manufacturer representative.

Reminder

Each Tender Form received from a Tenderer must be accompanied by a **verifiable digital E-Bid Bond** in the amount equal to TEN PERCENT (10%) of the TOTAL AMOUNT OF TENDER and a **verifiable digital Consent of Surety** as defined by the Surety Association of Canada. https://suretycanada.com/SAC/Surety-Bonds/E-Bonding.aspx

End of Addendum 1