

Owner: Village of Lions Bay
(NAME OF OWNER)

Contract: Lions Bay PRV and Control Valve Improvements
(TITLE OF CONTRACT)

Reference No. 32610
(OWNER'S CONTRACT REFERENCE NO.)

To All Tenderers:

Date: August 13, 2020

This addendum shall form part of the original documents for the above noted contract and all other segments of the contract shall remain in force except as noted below:

1. Kiosk Heating Clarification

Each Chamber is to include additional 30A-2P circuit breaker in distribution panel-board c/w 2C#10 AWG Cu conductors for wiring of heaters.

2. Tender Drawings

Reference: Drawings 03, 04, 05

Contract Drawings 03, 04, 05 Rev 0 Issued for Tender shall be replaced with the attached Contract Drawings 03, 04, 05 Revision 1 Issued for Tender Addendum #2

3. Form of Tender Appendix 1 Schedule of Quantities and Prices

Remove Form and Tender Appendix 1 Schedule of Quantities and Prices Page 6 and replace with **Addendum #2 Attachment #2: Form of Tender Page 6 of 13**

Remove Form and Tender Appendix 1 Schedule of Quantities and Prices Page 9 and replace with **Addendum #2 Attachment #3: Form of Tender Page 9 of 13**

Revised items from the Original Form of Tender have been highlighted for convenience.

4. Tender Questions

The following section lists questions received to date and the responses. The cost implications of the responses provided are to be included in the Tender Price.

Q1: The Drawings show space for communication hardware, will this hardware be provided by the owner?

A1: Yes

Q2: PRV Electrical Specifications Section 2.3 – BC Hydro charges shall be paid directly by Owner. Please clarify, does that mean all the application fees and hook-up?

A2: *Any direct bill from utility (BC Hydro or Communication Utility) shall be invoiced to the Owner. The Contractor shall provide conduits and wiring as shown.*

Q3: What needs to be completed for the for the SCADA integration?

A3: This shall be done by Owner's preferred Systems Integrator, chosen by Village under cash allowance, in the following Form of Tender Items.

Site 2: 10.11

Site 3: 10.17

Q4: Are both internet and Dial-up required for these sites, or is the internet going to be only over dial-up? Who is the preferred ISP?

A4: Internet communications only. Preferred ISP to be determined by Owner after tender closing.

Q5: For the SCADA and instruments, it mentions that there is an Allowance of \$5000, what does that mean?

A5: The allowance if for PLC / SCADA programming by Owner's preferred Systems Integrator.

Q6: Confirm that items 1.12.18, 2.10.9, 3.10.15 the PRV or Control Valve building and mechanical includes the PRV's and Control Valve as part of the scope of supply. I.E., the entire bill of materials on the associated drawings and should be stated as just one line item for each skid.

A6: Correct. The entire PRV kiosk and mechanical components are included in items

Site 1: 12.18

Site 2: 10.9

Site 3: 10.16

Q7: Are there upstream and downstream valves that can be closed to isolate the line? Who is responsible for this operation? How long can the live watermains be shut down for?

A7: There are upstream and downstream valves that can be shut down for final tie ins to the existing mains. Village Crews would be responsible for operating existing valves and the Contractor would be responsible for coordination with Village Crews. Existing watermains can be temporarily shut down for 8 hrs at a time during working hours. Refer to Supplementary Specifications Section 33 11 01S 3.23.2S for details related to watermain tie in plans.

Q8: Is an arborist required to be present during tree removal?

A8: All tree removal activities are to be completed by qualified personnel. Refer to drawing 05 of 13 for specific significant trees to be removed to permit the works.

Q9: What style backflow preventer is required for the blow down chamber at the Upper Bayview Road Site?

A9: A Double Check Valve Style Conforming to AWWA C510.

Q9: What are the concrete strength requirements for the concrete slabs?

A9: Concrete Strength is to be 35 MPa. Concrete to be constructed as per MMCD Section 03 30 53 Cast-in-Place Concrete.

Q10: What pressure are the couplers to be rated for?

A11: Couplers are to be rated to 300 PSI.

Q11: What Flanges are required for this project?

A11: 150# Flanges are to be used.

Q12: Please Confirm the Upstream and Downstream Pressure Requirements for the PRV's

A12: The Pressures listed are approximate and to be confirmed in the field during construction.

The Bayview School PRV

- Inlet Pressure 85 PSI
- Outlet Pressure 46 PSI

Upper Bayview Road PRV

- Inlet Pressure: 144 PSI
- Outlet Pressure 40 PSI

All tenderers shall acknowledge receipt of Addendum #2 (three (3) pages) and the following attachments

- Attachment 1: Contract Drawings 03, 04, 05 Revision 1 Issued for Tender Addendum #2
- Attachment 2: Form of Tender Page 6 of 13
- Attachment 3: Form of Tender Page 9 of 13

by signing in the space provided and submitting this signed with the tender. Tenders submitted without acknowledgment of this addendum may be considered incomplete.

Receipt acknowledged and conditions agreed _____ day of _____, 2020

Tenderer

Signature

END ADDENDUM #2