



Invitation to Quote

Contract: Highway Potable Water Tank and PRV Reconfiguration
Reference No.: 240222

The Village of Lions Bay has identified a need to replace a water tank and PRV station to address deterioration and safety concerns. The Village of Lions Bay invites quotes for engineering design services for such need:

Scope of Project: The Village of Lions Bay is made up of 529 residences distributed amongst eighteen pressure zones. Recently, a new 2,082m³ reservoir was installed at the Harvey Water Treatment Plant, which has addressed some of the municipality's storage and fireflow needs. The Highway Tank provides approximately 900m³ of storage for the 75 m (altitude) pressure zone and acts as a hydraulic break from the upstream system. A recent condition assessment has indicated significant floor and wall concrete spalling, which is affecting water quality and loss. On the same site, there is a below-ground pressure-reducing valve assembly (PRV 3) that services PZ 107. The Village envisages that the Highway Tank and PRV 3 be replaced with a new dual zone PRV station while eliminating confined space hazards for operators and allowing the majority of the site to be converted into park space. The new station should take care to address aesthetic requirements for the future planned use.

Engineering: Phase 1 - Engineering design services for Highway Tank and PRV Reconfiguration including:

Project management and administration; Background Information Collection; Hydraulic model review – determine anticipated flow rates and pressures in two PZ; Options Analysis.

Timeline:

Quote Closing Time:	4:00 p.m.
Quote Closing Date:	February 29, 2024
Project Start Date:	As soon as possible
Project End Date:	AS soon as possible

Any additional information (plans, maps etc...), technical inquiries regarding this quote may be directed to the Manager of Public Works via telephone or email at:

604-921-9833 X 1008
pwm@lionsbay.ca

Please Send Quotes to:
Village of Lions Bay
Attn: Manager of Public Works
PO Box 141
Lions Bay, BC
V0N 2E0

or Drop-off Quotes to:
Village of Lions Bay
Attn: Manager of Public Works
400 Centre Road
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