



**REGIONAL DISTRICT OF OKANAGAN-SIMILKAMEEN**  
**REQUEST FOR PROPOSALS**  
**WILLOWBROOK WATER SYSTEM UPGRADES PLAN AND DESIGN**  
**RDOS-18-PW-53**

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The Regional District of Okanagan-Similkameen (RDOS) is requesting submission of proposals from qualified proponents to draft a phased master upgrade plan to address deficiencies in the Willowbrook water system. The successful proponent will then complete design on the first phase of upgrade components selected to be the most cost effective use of currently available funds. The successful proponent will then follow through with preparation of tender documents and construction administration/inspection services. .

The Regional District of Okanagan-Similkameen owns and operates the Willowbrook water system. The Willowbrook water system is located within Electoral Area C between Oliver and Okanagan Falls. It provides drinking and irrigation water to approximately 80 connections. The water source, a groundwater well, pumps into the distribution system and up to a reservoir on a nearby property. The reservoir feeds the distribution system, of approximately 4.5 km of pipe, by gravity to each connection.

The well draws its water from a shallow unconfined aquifer (aquifer Number 257) that is categorized as a high productivity, high vulnerability aquifer. A deeper confined bedrock aquifer (aquifer 1107) is located below aquifer 257 however based on available hydrogeological data, this confined aquifer would not be sufficient to meet the water demands of the system users.

In October 2017, the Interior Health Authority (IHA) completed a risk assessment on the system and its source water. The assessment determined that the system's *Ground Water is at Risk of Containing Pathogens* (GARP). The RDOS is requesting submission of proposals to address the issues noted in the assessment as part of the master plan, namely the lack of source water protection and issues with water quality.

The successful proponent will undertake a review of all background documents and provide a master plan that outlines the most cost efficient solutions for the problems noted in the GARP assessment from the Interior Health Authority (IHA). Due to the limited budget and short time frame for the project, a full hydrological assessment of the area and aquifer will not be part of the scope of this project. The successful proponent will only use existing hydrological data to draft their system plan and complete their design.

#### **SUBMISSION OF PROPOSALS**

Proposals may be submitted by email and/or hardcopy until the Closing Time specified. It is the Proponent's sole responsibility to ensure its Proposal is received at the address or email set out above by the Closing Time. If submitting by hardcopy please enclose three (3) hard copies and an electronic copy on a memory stick. The Proposals and their envelopes should be clearly marked with the name and address of the Proponent, the

RFP program title, and be addressed to the following:

**Shane Fenske  
Public Works Department – Engineering Services  
Regional District of Okanagan-Similkameen  
101 Martin Street, Penticton, B.C. V2A 5J9**

**AND/OR**

The Proposals should be e-mailed to the following:

**Shane Fenske at [sfenske@rdos.bc.ca](mailto:sfenske@rdos.bc.ca)  
Phone: 250.490.4117**

Proposals must be received on or before the **Closing Time** of:

**TIME: 3:00 PM local time  
DATE: Thursday, February 28, 2018**

#### **INQUIRIES**

All inquiries related to this RFP are to be directed, in writing, to the following person. Information obtained from any other source is not official and should not be relied upon. Inquiries and responses providing new information will be recorded and distributed through an addendum.

For a copy of the full Request for Proposals for this project and to register for Addenda, please contact Shane Fenske . The RFP is also posted on the RDOS Website under Tenders.

**Note: There is a Mandatory Site meeting. See details inside the RFP.**

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