



REPORT

To: Chair and Directors

Report Number: ENV-BRD-061

From: Kari Bondaroff, General Manager of Environmental Services

Date: June 10, 2021

Subject: Rose Prairie Water Station 2021 Feasibility Study Contract Award

RECOMMENDATION: [Corporate Weighted]

That the Regional Board award Request for Proposal #28-2021, "Feasibility Study – Water Source Area B" to "Tetra Tech" to complete a two-fold feasibility study in Rose Prairie to identify viable new water sources and analyse the suitability of any newly identified sources for treatment using existing PRRD owned treatment equipment, and to examine potential treatment options for the existing deactivated source for a total cost of \$97,668.70 (excluding taxes); further, that the Chair and Chief Administrative Officer be authorized to sign the agreement on behalf of the Peace River Regional District.

BACKGROUND/RATIONALE:

On March 11, 2021, the Regional Board authorized a feasibility study within the Rose Prairie region of Area B to identify potential treatable water sources to establish a potable water bulk fill service station. This feasibility study will analyze the current status of the licensed well by first creating a safety procedure plan that outlines safe working operations and procedures for wells that have the potential to have gas contents in and around the well heads. Secondly, the feasibility study will include analysis of the existing well to determine a minimum of two additional treatment options that would work in conjunction with the necessary granular activated carbon (GAC) filtration system that is required to treat the water. Thirdly, from the treatments suggested, a full Class D estimate for construction of each of the treatment options with the GAC will be provided.

The next phase of the feasibility study will include the identification, analysis, and determination of treatment possibilities of between 2-4 new water sources. A Class D estimate will be provided for each option including decommissioning of the current site and relocation of the existing treatment facility.

The results of the feasibility studies will be brought to EADC for review and further to offer recommendations to the Board for next steps for the Rose Prairie Bulk fill tankloader. Currently, the Rose Prairie water station is closed to the public, the well pumps are inactivated, and the temporary granular activated carbon filter trailer has been returned.

There was one submission received for this RFP. Table 1 on the next page outlines the submission scoring and confirms that all mandatory requirements have been met.

Table 1. Scoring Matrix Results and Mandatory Submission Requirements

Mandatory Requirements	
Submission Form (Appendix B)	✓
Pricing (Appendix C)	✓
Scoring Matrix Results	
Total Score	96.00
PROPOSAL COST (Excluding GST)	\$97,668.70

Based on the quality of the proposal and the professional experience the company brings to the forefront, staff recommends the award of Contract #28-2021 to Tetra Tech.

ALTERNATIVE OPTIONS:

1. That the Regional Board provide further direction.

STRATEGIC PLAN RELEVANCE:

- ☒ Not Applicable to Strategic Plan.

FINANCIAL CONSIDERATION(S):

The 2021 budget includes \$600,000 in capital expenditures to provide a bulk fill potable water station to the residents of the Rose Prairie area within Area B. Due to the inability to move the station forward for construction without the feasibility study, capital funds are available for use. Following the completion of the feasibility study, there will be approximately \$500,000 left in the capital expenditures for initiation of construction in 2021 with estimated completion in 2022.

COMMUNICATIONS CONSIDERATION(S):

The website will be updated to communicate with residents the successful award of the contract and the intended outcomes.

OTHER CONSIDERATION(S):

Upon completion of the feasibility study, the report will be brought forward to EADC for consideration. It is estimated that the report will be received by the end of 2021 for budgetary considerations to occur within the 2022 financial planning timeframe.