MACKENZIE
BRITISH COLUMBIA

COUNCIL REPORT

To: Mayor and Council

From: Administration

Date: May 10, 2024

Subject: Gantahaz Subdivision Water Treatment Facility – Contract Award

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RECOMMENDATION:

THAT Council awards the Gantahaz Subdivision Water Treatment Facility RFP 1044-70 contract to Canadian Western Mechanical in the amount up to $605,750 plus gst;

AND THAT Council authorizes the Chief Administrative Officer to execute the agreement and any related documentation.

BACKGROUND:

On February 2022, the District submitted a grant application to the Government of Canada and Province of BC's Investing in Canada Infrastructure Program – Environmental Quality Program towards upgrades to the Gantahaz Water System. In June 2023, the District was informed that it was successful in receiving $432,647 in grant funding and began working with our engineering firm, L&M Engineering, to develop a project plan for 2024.

The Gantahaz subdivision is on a community water system distributing untreated raw water sourced from two wells. Well 4 is identified as having elevated levels of Iron and Manganese. The project aims to establish a water treatment facility to treat the water from Well #1 and Well #4 that will address these exceedances, address scale potential and additionally, establish residual chlorination within the Gantahaz distribution system. In general, the main project components are anticipated as follows:

- Treatment System Building
- Treatment System
- Type 1 Onsite Septic System for waste stream
- Modifications to Existing Pipe Networks.

Procurement

From February 2, 2024 to March 22, 2024, the District advertised a request for proposals for the design build on BC Bid and the District website. Three bid proposals were received and scored on the Mandatory and Technical Criteria listed in the RFP. The bidders scored as follows:

Bidder	Bid Price	RFP Score
Canadian Western Mechanical	$605,750	92
Viking Construction	$875,181	91.9
Duz Cho LP	$1,236,500	81.1

Canadian Western Mechanical is recommended for the contract as their proposal met all mandatory criteria and was the lowest bid price.

A copy of the request for proposal document and the full evaluation of proposals received has been included in the Centre Table File for Council's further information.

The Gantahaz Water Treatment Project was originally budgeted at $590,000 including contingency when the funding application was submitted in early 2022. $157,743 is the District of Mackenzie's portion of the project. As noted above, the District of Mackenzie did not receive notification until June 2023 that it was successful in obtaining grant funding. After receiving the bid proposals and receiving an updated project budget, the overall project has increased to $842,470. The table below shows the comparison from the original budget to the updated budget.

	Original Budget	Updated Budget	Difference
Design/Engineering	74,000	36,720	37,280
Construction/Commissioning	452,000	605,750	(153,750)
Contingency	64,000	200,000	(136,000)
Total	**590,000**	**842,470**	**(252,470)**

BUDGETARY IMPACT:

$252,470 would be allocated from the Water Reserve to support the recommendation.

COUNCIL PRIORITIES:

Community and Social Development

- Our investment in the municipality's services and infrastructure, our commitment to principles of social equity and well-being, and our belief in the value of resident engagement, creates a healthy community in which everyone feels valued and enjoys a high quality of life.

RESPECTFULLY SUBMITTED:

Emily Kaehn, Director of Corporate Services

Reviewed By: Corporate and Financial Services
Approved By: Chief Administrative Officer