

THE CORPORATION OF THE
CITY OF WHITE ROCK
CORPORATE REPORT



DATE: April 12, 2021

TO: Mayor and Council

FROM: Jim Gordon, P.Eng., Director, Engineering and Municipal Operations

SUBJECT: Contract Award – 2020 Water Utility Capital Works Construction

RECOMMENDATIONS

THAT Council:

1. Approve the 2020 Water Main Upgrade – Chestnut, Blackburn to North Bluff budget of \$289,000, as well as the 2020 Water Main Upgrade - 1500 Blk Stevens budget of \$399,000 which are in the 2021 – 2025 Financial Plan; and
 2. Approve the award of the 2020 Water Utility Capital Works Construction Contract to Brighthouse Civil Contracting DTM Ltd. in the amount of \$454,576 (excluding GST).
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EXECUTIVE SUMMARY

The purpose of this report is to obtain Council approval to carry forward the budget for two watermain replacement projects and award the 2020 Water Utility Capital Works Construction Contract to Brighthouse Civil Contracting DTM Ltd.

PREVIOUS COUNCIL DIRECTION

Not applicable.

INTRODUCTION/BACKGROUND

The proposed work is to replace the cast iron watermain that have a history of premature corrosion and leaks. For example, the segment on Stevens Street is listed in the 2017 Water Utility Master Plan Update as in need of replacement due to the pipe break history. Staff have responded to several leaks along Chestnut Street; therefore, this pipe segment has been added to the scope.

The City retained R.F. Binnie & Associates Ltd. to provide design services, tender support services, and construction monitoring services. The new pipe will be ductile iron that includes cathodic protection of fittings to improve the longevity of the pipeline infrastructure. An additional fire hydrant is included to improve fire protection. To manage any impacts to vegetation, the City has hired Urban Grove Tree Care & Consulting to have a professional arborist available to direct the contractor when required.

The Request for Proposal (WR21-003) was advertised on BC Bid from January 14 to February 11, 2021. The following proposals were received.

Table 1 – Bid Summary

Company	Bid Price (Excluding GST)
Brighthouse Civil Contracting DTM Ltd.	\$ 454,576
Triahn Enterprises Ltd.	\$ 481,342
Drake Excavating (2016) Ltd.	\$ 502,077
Sandpiper Contracting LLP	\$ 509,237
RTR Terra Contracting Ltd.	\$ 616,931
McDonald & Ross Construction Ltd.	\$ 624,535
Hyland Excavating Ltd.	\$ 725,299

Staff and the consultant evaluated the proposals. Brighthouse Civil Contracting DTM Ltd. submitted the lowest price proposal and provides the overall best value to the City. Staff recommend accepting the bid.

The intent is to complete the work by early summer 2021 including final pavement restoration.

FINANCIAL IMPLICATIONS

The watermain upgrades included in the 2020 budget that are carried forward are as follows:

- Chestnut Street – Blackburn Avenue to North Bluff Road; and
- Stevens Street – Russell Avenue to North Bluff Road.

The total amount for these projects is budgeted at \$688,000. These projects are being grouped together to achieve economic advantage compared to tendering each project individually.

A summary of the project budget is shown below in Table 2.

Table 2 – Project Budget

	Design	Construction	Contingency	Total
Budget	\$ 50,000	\$ 500,000	\$138,000	\$688,000
Project Cost	\$ 31,000	\$455,000	\$50,000	\$536,000
Other (Arborist)		\$ 2,000	\$ 2,000	\$ 4,000
Total Project Cost	\$ 31,000	\$457,000	\$52,000	\$540,000
Project Variance	\$19,000	\$43,000	\$86,000	\$148,000

Funds are included in the 2021 – 2025 Financial Plan.

LEGAL IMPLICATIONS

Not applicable.

COMMUNICATION AND COMMUNITY ENGAGEMENT IMPLICATIONS

Notices will be delivered to the residents fronting the work which will include contact information for the Contractor and the City project manager to resolve any issues that may arise.

INTERDEPARTMENTAL INVOLVEMENT/IMPLICATIONS

Not applicable.

CLIMATE CHANGE IMPLICATIONS

Not applicable.

ALIGNMENT WITH STRATEGIC PRIORITIES

Not applicable.

OPTIONS / RISKS / ALTERNATIVES

The following option is available for Council's consideration:

1. Not approve the project, however, the watermain will continue to leak requiring Water Utility Staff to carry out emergency repairs. This may result in more extensive and costly future repairs and is less efficient use of City resources.

CONCLUSION

The City posted a Request for Proposals for the 2020 Water Utility Capital Works Construction. Seven (7) bids were received and based on overall best value, Staff recommend awarding of the contract to Brighthouse Civil Contracting DTM Ltd. in the amount of \$ 454,576 (excluding GST). Funding is included in the 2021 – 2025 Financial Plan.

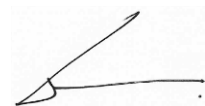
Respectfully submitted,



Jim Gordon, P.Eng.
Director of Engineering and Municipal Operations

Comments from the Chief Administrative Officer

I concur with the recommendations of this corporate report.



Guillermo Ferrero
Chief Administrative Officer