



REPORT

Report Date: May 4, 2021
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VanRIMS No.: 08-2000-20
Meeting Date: July 20, 2021
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TO: Vancouver City Council

FROM: General Manager of Engineering Services and Chief Procurement Officer

SUBJECT: Contract Award for Contractor for Burrard Pump Station Refurbishment

RECOMMENDATION

THAT Council authorize City staff to negotiate to the satisfaction of the City's General Manager of Engineering Services, City's Director of Legal Services, and the City's Chief Procurement Officer and enter into a contract with Trittech Group Ltd., for the construction services to refurbish the Burrard Pump Station, for a term of one (1) year with an estimated contract value of \$2,743,921.00, plus applicable taxes over the contract term, to be funded through the approved Multi-Year Capital Budget for the Pump Station Replacement Program;

FURTHER THAT the Director of Legal Services, Chief Procurement Officer and General Manager of Engineering Services be authorized to execute on behalf of the City the contract contemplated above;

AND FURTHER THAT no legal rights or obligations will be created by Council's adoption of the above clauses unless and until such contract is executed by the authorized signatories of the City as set out in this Recommendation.

REPORT SUMMARY

The City issued an Invitation to Tender (ITT) PS20201493 on March 10, 2021 for Contractor for Burrard Pump Station Refurbishment. The ITT was advertised on City of Vancouver website and BC Bid and the work was called in accordance with the terms and condition of the City's Procurement Policy ADMIN-008. City staff on the ITT evaluation committee and, subsequently, the Bid Committee have considered the responses received and, on that basis, recommend that the City enter into a contract as describe above with Trittech Group Ltd.

COUNCIL AUTHORITY/PREVIOUS DECISIONS

The City's Procurement Policy ADMIN-008 requires that contracts with values over \$2 million must be approved by Council following review and recommendations by the Bid Committee. The Bid Committee has considered and recommended Tritech Group Ltd. as the successful tenderer.

There is no applicable Council Authority or previous decisions relevant to this report.

CITY MANAGER'S/GENERAL MANAGER'S COMMENTS

The City Manager recommends approval of the foregoing.

REPORT***Background/Context***

The City owns and operates 24 wastewater pump stations located throughout the City in low-lying areas. These facilities serve a critical role in the City's sewer system as these areas are otherwise unable to drain, by gravity, into the wastewater treatment plant. In the event of a station failure, sewage overflows to the nearest water body (False Creek, English Bay and Burrard Inlet).

Burrard Pump Station is located at the intersection of Burrard St. and W. Cordova St. in the downtown core. The station services an important area of downtown Vancouver including high-density office towers, hotels, Canada Place, and the cruise ship terminals. A service area map is included in the Appendix A. Photos of the station are also included in the Appendix A for reference.

The existing Burrard Pump Station was constructed in 1984 at ground level. Subsequently, the Expo Line Skytrain was constructed 3 meters north of the station and the Cordova Street Viaduct was constructed above the station. Due to these obstructions, the station can only be accessed from a ramp approximately 200 meters to the East (at Granville Street and W Cordova Street) and traversing through two private properties.

The station's electrical and mechanical systems have reached the end of their useful life and will be replaced as part of the project. In addition, the existing structure does not meet current seismic codes and is located below the current flood construction level. Station upgrades include seismic upgrades, a new electrical enclosure to house critical systems above expected flood levels, and the addition of a permanent on-site generator. Construction is scheduled to begin in July 2021, with completion anticipated in the spring of 2022.

Pump Station replacement projects that involve replacement of the entire facility present some opportunity for the inclusion of public amenities such as washrooms. However, for refurbishment projects such as Burrard Pump Station, there is limited opportunity as there is limited space within the existing building footprint. In addition, access to Burrard Pump Station is restricted such that any public amenities could not be used.

The purpose of the ITT was to identify a contractor with demonstrated capability to meet the City's estimated demand over the term of the contract at competitive pricing and satisfactory service requirements.

Strategic Analysis

The ITT was issued in the accordance with City's Procurement Policy ADMIN-008. The City received responses from the following vendors.

Vendor Name	Tender Price
NAC Constructors Ltd.	\$3,298,412.25
Tritech Group Ltd.	\$2,844,073.05

The tenders were evaluated through the work of an evaluation team comprised of representatives from Engineering Services' Sewer & Drainage Design Branch and from the Design Consultant, Water Street Engineering Ltd., under the stewardship of Supply Chain Management, to ascertain if the responses offered good overall value to the City.

The successful tenderer submitted the lowest-price compliant bid. Based on the overall evaluation, the team concluded that the tender submitted by Tritech Group Ltd., best met the City's requirement and provided best overall value to the City.

Implications/Related Issues/Risk

Financial

Finance has reviewed and confirmed that funding is available from the approved Multi-Year Capital Budget for Pump Station Replacement Program. As a result of the ITT, the City is able to achieve cost certainty during the contract term.

Legal

The City's Procurement Policy requires that the Director of Legal Services concur with and co-sign all contracts that have been awarded by Bid Committee and Council, that is, all contracts for which the Total Price is \$2,000,000 or greater.

CONCLUSION

In summary, City staff recommends that the City of Vancouver enter into a one (1) year contract with Tritech Group Ltd., for the Contractor for Burrard Pump Station Refurbishment.

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Figure 1: Burrard Pump Station Service Area Map



Figure 2: Burrard Pump Station Photo: East Side of Station



Figure 3: Burrard Pump Station Photo: West Side of Station



Figure 4: Burrard Pump Station Photo: Proximity to Expo Line Skytrain