



ADMINISTRATIVE REPORT

Report Date: November 4, 2013
Contact: Nick Kassam
Contact No.: 604.829-2097
RTS No.: 10336
VanRIMS No.: 08-2000-20
Meeting Date: December 4, 2013

TO: Standing Committee on Planning, Transportation and Environment
FROM: General Manager, Engineering Services and Chief Purchasing Official
SUBJECT: Contract Award First Avenue and Boundary Road Pump Station Replacement

RECOMMENDATION

- A. THAT Council authorize City staff to enter into a contract, to the satisfaction of the City's General Manager, Engineering Services, Chief Purchasing Official, General Manager, Financial Services Group, and Director of Legal Services, with Westport Construction Group Inc. for the replacement of the pump station located at First Avenue and Boundary Road at a cost of \$2,011,900.00 plus applicable taxes approved in the Upgrade & Replace Pump Station program in the approved Capital Budget.
- B. THAT the Director of Legal Services be authorized to execute on behalf of the City the contract contemplated by Recommendation A above.
- C. THAT no legal rights or obligations will be created by Council's adoption of Recommendations A and B above unless and until such legal documents are executed and delivered by the Director of Legal Services.

COUNCIL AUTHORITY/PREVIOUS DECISIONS

The City's Procurement Policy requires that contracts with values over \$2 million must be approved by Council following review and recommendation by the Bid Committee. The Bid Committee has considered and approved Westport Construction Group Inc. as the successful proponent.

REPORT SUMMARY

This project is for the construction of the replacement of the First Avenue and Boundary Road Pump Station located in the median on Boundary Road immediately north of First Avenue and was approved in the Capital Budgets (Capital Budget Council Report RTS. No.9454) Upgrade and Replace Pump Station Program.

The work associated with this project includes:

The work includes excavation, shoring and dewatering for the new works, construction of the new pump station including engineered subgrade material, concrete slabs and walls, dry-pit pumping equipment, piping, installation of all miscellaneous ancillary equipment, heating and ventilation equipment, instrumentation, electrical systems and a standby emergency generator, and the demolition of the existing pump station after switch-over.

The existing First Avenue and Boundary Road Pump Station is a prefabricated buried steel pump station, installed in 1962. It is the oldest such station in the City's inventory and has reached the end of its service life which is typically 30-50 years for this style of pump station.

In addition to replacing the aging infrastructure, the new pump station addresses current station issues including: bringing the site into compliance with current Worksafe BC requirements, providing on-site emergency power, allowing station by-pass provisions during emergency operations and minimizing traffic related issues with maintenance of the pump station site.

Strategic Analysis

The invitation to tender (ITT) for this work has been called in accordance with the City's Procurement Policy. The following are the tenderers and their net bid amounts for the pump station replacement:

Company	City	Bid Amount (excluding GST)
Westport Construction Group Inc.	Burnaby	\$2,011,900.00
Merletti Construction (1999) Ltd.	North Vancouver	\$2,249,350.00
Tybo Contracting Ltd.	Langley	\$2,990,900.00
G & E Contracting LP	Surrey	\$3,242,139.84
Maple Reindeers Inc.	Langley	\$3,287,000.00

Westport Construction Group Inc. is qualified to perform the work required for this project as set out in the tender package.

Financial

Engineering and Corporate Budgets have reviewed the financing for the work and concur that funding is available from the approved Capital Budget for the First Avenue and Boundary Road Pump Station Replacement.

Environmental

This project mitigates the risk of a sewage spill into Still Creek due to the age and deteriorated condition of the existing Boundary and First Avenue Pump Station. Because there is no by-pass for this pump station, there is risk of an extended spill if major repairs are

required. The new station will have an on-site emergency generator to eliminate risk of spills due to power outages, and has by-passing provisions allowing for by-pass of the station using portable pumps during emergency or planned maintenance works.

Other

This project mitigates health and safety risks associated with the operation and maintenance of the existing pump station. Most of the pumps and related equipment of the existing pump station are contained within a very confined underground chamber making it a hazardous working environment for the operations personnel. The new design eliminates confined space maintenance issues and will be in compliance with current Worksafe BC requirements.

CONCLUSION

In summary, Westport Construction Group Inc. offered the best value and is deemed qualified and compliant to perform the work by Supply Management and Engineering Services, with the assistance of Legal Services, and is recommended for the contract award by the General Manager, Engineering Services and Chief Purchasing Official.

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