



ADMINISTRATIVE REPORT

Report Date: May 25, 2019
Contact: Alexander Ralph
Contact No.: 604.829.2092
RTS No.: 13154
VanRIMS No.: 08-2000-20
Meeting Date: June 25, 2019

TO: Vancouver City Council

FROM: General Manager of Engineering Services and Chief Procurement Officer

SUBJECT: Contract Award for Construction Services for the Granville Bridge Rehabilitation

RECOMMENDATION

- A. THAT Council authorize City staff to enter into a contract with Graham Infrastructure LP, for construction services for the Granville Bridge Rehabilitation, for a term of approximately twenty (20) months, with an estimated contract value of \$14,298,200.00, plus applicable taxes over the term, to be funded from the approved multi-year Granville Bridge Upgrade capital budget.
- B. THAT the Director of Legal Services, Chief Procurement Officer and General Manager of the Engineering Services Department be authorized to execute on behalf of the City the contract contemplated by Recommendation A.
- C. THAT no legal rights or obligations will be created by Council's adoption of Recommendations A and B above unless and until such contract is executed by the authorized signatories of the City as set out in these Recommendations.

REPORT SUMMARY

The City issued Invitation to Tender No. PS20190021 Construction Services for the Granville Bridge Rehabilitation (the "ITT") in March, 2019. The ITT was advertised on the City of Vancouver website and BC Bid and the work was called in accordance with the terms and conditions 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 contract as described above with Graham Infrastructure LP.

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 Graham Infrastructure LP, as the successful tenderer.

REPORT

Background/Context

The Granville Street Bridge (the "Bridge") is an eight lane bridge spanning False Creek, and opened in 1954. The Bridge is inspected on an annual basis by City staff, and condition assessments are completed by external consultants every five years as part of the City's bridge inspection program.

Recent condition assessments have identified numerous defects, including:

- Corroded bearings
- Failed expansion joints
- Localized deteriorated concrete;
- Localized corroded steel;

As a result of the defects, a construction contractor is needed to complete the required repairs, as well as other work that includes:

- Seismic improvements through bearing replacement and strengthening of steel cross bracing in order to meet target 1/475 earthquake repairable damage; and
- Installation of cormorant netting.

This contract aims to extend the Granville Bridge asset lifespan through structural and seismic upgrades and repairs. The rehabilitation planned as part of this project will ensure that corroded/failed/broken components are fixed or replaced, increasing asset lifespan up to 50 years.

In 2013, seismic upgrades were completed to approximately 2/3 of the steel span. The remaining third of the work will be completed as part of this project, promoting asset integrity and minimizing damage in the case of a 1:475 earthquake (and slightly higher).

The contractor will be required to produce a traffic management plan for the City prior to the commencement of the work. Two lanes of traffic will be kept open at all times throughout construction on the main bridge span, and at least one lane of traffic will be open at all times on the ramps.

The purpose of the ITT was to identify suppliers with a demonstrated capability to supply the City's estimated demand over the term of the contract with competitive pricing and meets the City's service requirements.

Strategic Analysis

The ITT was issued in the accordance with City's Procurement Policy ADMIN-008. Supply Chain Management sent notices to five (5) potential tenderers that were prequalified under Request for Pre-Qualifications No. PS20181943 Contractor Prequalification for the Granville Bridge Rehabilitation. The City received ITT responses from:

<u>Contractor</u>	<u>Tender Price</u>
Graham Infrastructure LP	\$14,298,200.00
Eiffage Innovative Canada Ltd.	\$15,537,150.00
Kingston Construction Ltd.	\$16,880,964.60
Pomerleau, Inc.	\$18,516,884.88
Surespan Construction Ltd.	\$23,127,690.00

The bid review and supplier evaluation were performed by Engineering Services Staff and Supply Chain Management with oversight from Legal Services. Consultation for service requirements and vendor review was also done by the City's consultant. The evaluation team determined that the tender submitted by Graham Infrastructure LP is compliant with the ITT specifications and provides best overall value to the City. Graham Infrastructure LP submitted the lowest, qualified bid of \$14,298,200.00 excluding applicable taxes.

Graham Infrastructure LP is qualified to perform the work required for the project as set out in the tender package based on satisfactory completion of large bridge construction projects, and references provided and checked. References were checked by the City's consultant and Supply Chain Management, and financial information was reviewed by Supply Chain Management.

Based on the overall evaluation, the team concluded that the tender submitted by Graham Infrastructure LP, best met the City's requirements and provided best overall value to the City.

Financial Implications

Finance has reviewed and confirmed that funding is available from the approved multi-year Granville Bridge Upgrade capital budget. As a result of the ITT, the City is able to achieve cost certainty for the proposed contract term.

Legal

The City's Procurement Policy requires that all contracts that have been awarded by Bid Committee plus Council will be signed by the Director of Legal Services.

CONCLUSION

In summary, City staff recommends that the City of Vancouver enter into contract with Graham Infrastructure LP for Invitation to Tender No. PS20190021 Construction Services for the Granville Bridge Rehabilitation.

* * * * *