



ADMINISTRATIVE REPORT

Report Date: October 9, 2019
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Meeting Date: November 6, 2019

TO: Standing Committee on City Finance and Services
FROM: General Manager of Engineering Services and Chief Procurement Officer
SUBJECT: Contract Award for Pre-Qualification of Professional Engineering Services

RECOMMENDATION

- A. THAT Council authorize City staff to negotiate to the satisfaction of the City's General Manager of Engineering Services, the City's Director of Legal Services, and the City's Chief Procurement Officer and to enter into contracts with a list of 63 vendors as attached in Appendix A, for providing the professional engineering services , for a term of three (3) years, with an estimated contract value of \$19.5M, plus applicable taxes, to be funded through the Annual Capital Expenditure Budget, the Multi-Year Capital Budgets and the Operating Budget subject to Council approval.
- B. THAT the Director of Legal Services, the Chief Procurement Officer and the General Manager of Engineering Services 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 Engineering Services Department manages a large and diverse portfolio of public works and utilities; playing a key role in the provision of fundamental services and critical infrastructure that supports our communities, economy, and environment.

Through its utilities, Engineering Services provides Vancouver with clean water for drinking and fire protection, safe removal of wastewater for regional treatment, efficient collection and diversion of garbage and organics, and innovative, low carbon district heating. Engineering Services' public works include providing and managing the network of streets and public spaces

through street and transportation design, construction and maintenance, parking, street cleaning, and the regulation of activities on streets, such as special events and filming.

One of the tools Engineering Services uses to manage its extensive and critical portfolio is consulted engineering support to assist with specialized investigation, design, and implementation of engineering assets. To address a frequent need for consulted engineering support, the City issued Request for Application (RFA) PS20181461 on March 1, 2019, for Pre-Qualification of Professional Engineering Services. With this RFA, the City will reduce administrative overhead by identify pre-qualified vendors with demonstrated capability to meet the City's technical and service requirements.

The RFA was advertised on the City of Vancouver website as well as BC Bid; and the work was called in accordance with the terms and condition of the City's Procurement Policy ADMIN-008.

In response to the RFA, the City received 98 proposals to complete work across 14 engineering categories. These proposals were evaluated by committee to assess the proponents on a variety of technical and resourcing criteria. As an outcome of the evaluation, City Staff and, subsequently, Bid Committee, are recommending that the City negotiate with 63 of the proponents, and if such negotiations are successful enter into contracts as describe above with the listed 63 recommended vendors.

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 a list of 63 vendors as the successful proponents.

REPORT

Background/Context

The Engineering Services Department manages public works and four utility services: water, sewer and drainage, solid waste, and the False Creek Neighbourhood Energy Utility. The department is responsible for policy development, strategy, long-range and near-term planning, design, delivery, construction, and management of services and infrastructure on and under the street right-of-way. The department is a key driver behind advancing the city's resilience to shocks and disasters, achieving progress to address the climate crisis through low-carbon and circular economy solutions, and building a vibrant, inclusive and accessible public realm for all.

The department also deploys a continuous improvement methodology that permeates all business lines, and is undertaking ongoing investments to improve operations through technology and innovation. One such example is this RFA, which is the outcome of a review of how Engineering Services and Supply Chain Management jointly conduct business.

Currently, Engineering Services necessitates approximately 300 unique procurement events per year to retain consulted engineering support. Each one of these market events requires a great deal of administrative oversight from staff across the City.

With this RFA, the City will reduce administrative overhead to conduct unique repetitive procurement events by identifying pre-qualified vendors with demonstrated capability to meet the City's technical and service requirements over the term of the contract at competitive pricing. The standardized professional services agreements will also improve the processes enabling a more efficient way to conduct our business.

To assist Engineering the pre-qualified vendors will provide consulted works in one or more of the following fourteen (14) categories:

- Geotechnical
- Hydrogeological and Environmental
- Storm and Sanitary Sewers
- Green Infrastructure
- Waterworks
- Electrical
- Streets
- Structural
- Landscaping and Architectural
- Project Management
- Transportation
- Flood Management
- Neighbourhood Energy

In an effort to ensure an appropriate level of balance between achieving best value and maintaining operational efficiency, based on historical and/or expected project spends, each category will be managed through the pre-defined Rules of Engagement governing how to engage with the pre-qualified consultants to manage small spend, medium spend and large spend projects,

Strategic Analysis

The RFA was issued in the accordance with City's Procurement Policy ADMIN-008. The City received responses from 98 separate applicants. The responses were evaluated through the work of an evaluation team comprised of representatives from Engineering Services, Real Estate and Facilities Management, and Parks and Recreation, under the stewardship of Supply Chain Management to ascertain if the responses offered good overall value to the City, both quantitative and qualitative factors were evaluated.

Some of the Criteria considered in the overall evaluation process included:

- Executive summary
- Applicant overview
- Applicant's ability to meet the City's technical requirements
- Personnel qualifications
- References
- Hourly rates for different key positions

Based on the overall evaluation, the team concluded that the applications submitted by the attached list of 63 vendors (Appendix A) best met the City's requirements and provided best overall value to the City.

Implications/Related Issues/Risk

Financial

Finance has reviewed the estimated cost of the services and concurs that the historical spend volume is approximately \$19.5 million over a three year term. The 2019 and beyond expenditures for these contract are subject to Council approval of the Annual Capital Expenditure Budget, the Multi-Year Capital Budgets and the Operating Budget.

The executed contracts are not exclusive and do not commit the City to any level of minimum spend. Each project will be individually funded and subject to established approval control procedures.

Legal

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

CONCLUSION

In summary, City staff recommends that the City of Vancouver negotiate and enter into contracts with a list of sixty-three (63) pre-qualified vendors as attached in Appendix A for providing professional engineering services for a three (3)-year term.

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Recommended Vendors

Advisian
Aecom
AES Engineering
Alta Planning + Design
Altus Group
AME Consulting Group
Aplin Martin
Associated Engineering
Ausenco Engineering Canada Inc.
Binnie
C.Y. Loh Associates Ltd.
Carscadden Stokes Macdonald Architects Inc.
Core6 Environmental
Cowi
Design Workshop
DMD & Associates
DTAH
Durante Kreuk Ltd.
Emmons & Olivier Resources Canada Inc.
Energis Design and Build
Exp Services Inc.
Fast + Epp
FVB Energy Inc.
GNEC
Golder Associates Ltd.
Hapa Collaborative
HDR Corporation
Horizon Engineering Inc.
Inlailawatash Limited Partnership
Integral Group
ISL Engineering and Land Services Ltd.
Kerr Wood Leidal
Kleanza Consulting Ltd.
Klohn Crippen Berger Ltd.
Kontur Geotechnical Consultants Inc.
Lanarc
McElhanney
Morr Transportation
Mott MacDonald
Musqueam Indian Band
Northwest Hydraulic Consultants Ltd.
Parsons Inc.
PBX Engineering
PGL Environmental Consultants
Phrea Groundwater Consulting
Piteau Associates
PWL Partnership Landscape Architects Inc.
RAM

Read Jones Christoffersen Ltd.
SNC-Lavalin Inc.
Stantec
Steer Group
Tetra Tech
Thurber Engineering Ltd.
TranSafe Consulting Ltd.
Turner & Townsend
Urban Systems Ltd.
VDZ+A
Water Plan It Irrigation Ltd.
Water Street Engineering
Watt Consulting Group
Westmar Advisors Inc.
WSP