

Award of Request for Proposals Number Doc2972891793 to R.V. Anderson Associates Limited for Professional Engineering Services for the Local Roads Capital Works Program Management Assignment

Date: August 31, 2021

To: Infrastructure and Environment Committee

From: Chief Engineer and Executive Director, Engineering and Construction Services
and Chief Procurement Officer, Purchasing and Materials Management

Wards: All

SUMMARY

The purpose of this report is to advise of the results of Request for Proposal Number Doc2972891793, Contract Number Request for Proposal 21ECS-TI-01LR, for the Professional Engineering Services in support of the Local Roads Capital Works Program Management assignment, and request authority to award the contract to R.V. Anderson Associates Limited in the amount of \$29,137,259 net of all applicable taxes and charges (\$29,650,075 net of HST recoveries).

RECOMMENDATIONS

The Chief Engineer and Executive Director, Engineering and Construction Services and the Chief Procurement Officer, Purchasing and Materials Management, recommend that:

1. The Infrastructure and Environment Committee, in accordance with Section 195-8.4 of Toronto Municipal Code Chapter 195 (Purchasing By-Law), grant authority to award Contract Number Request for Proposal 21ECS-TI-01LR, Request for Proposal Number Doc2972891793 to R.V. Anderson Associates Limited. Having submitted the highest scoring proposal and meeting the requirements of the Request for Proposal to provide program management, preliminary design, detailed design services, during construction and post construction services, for a nine (9) year period from 2021 to 2029, for the Local Roads Capital Works Program Management assignment in support of Transportation Services' and Toronto Water's 2023 to 2027 Capital Plan for the total

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amount of \$29,137,259 net of all applicable taxes and charges, \$29,650,075 net of HST recoveries, including contingencies.

FINANCIAL IMPACT

The total value of the contract award for Request for Proposal Number Doc2972891793, Contract Number Request for Proposal 21ECS-TI-01LR, for professional engineering services for the Local Roads Capital Works Program Management assignment, is \$29,137,259 net of all applicable taxes and charges. The total cost to the City is \$29,650,075 net of HST Recoveries. The cost breakdown by work task is summarized as follows:

- Program management services for a period of nine (9) years: \$4,185,018 net of HST Recoveries, including labour, disbursements, provisional allowances and the contingency amount;
- Engineering services, including data collection, preliminary design, detailed design, and services during construction, for a period of seven (7) years: \$17,517,984 net of HST Recoveries, including labour, disbursements, provisional allowances and the contingency amount;
- Post construction services for a period of five (5) years: \$223,872 net of HST Recoveries, including labour, disbursements, provisional allowances and the contingency amount;
- Unit prices – Base Scope, including geotechnical investigations, material testing and tree inventories: \$7,211,116 net of HST Recoveries, including labour, disbursements, provisional allowances and the contingency amount;
- Unit prices – Provisional Items including additional meetings, supplemental traffic controls costs, pre-qualification of contractors and Level A Subsurface Utility Engineering investigations: \$511,581 net of HST Recoveries, including labour, disbursements, provisional allowances and the contingency amount;
- Social procurement for a period of nine (9) years: \$504 net of HST Recoveries, including labour, disbursements, provisional allowances and the contingency amount.

Funding for this Request for Proposal Number Doc2972891793 is included in the approved cash flows and future year commitments of Transportation Services' and Toronto Water's 2021-2030 Capital Budget and Plan. Funding details are provided in Table 1 as follows:

Table 1: Funding Impact Summary of Recommended Contract (Net of HST Recoveries)*

Calendar Year	CTP315-07-461 Local Road Rehabilitation	CTP315-09-487 General Pool Contingency	CPW545-02 Water Component Consulting Fees	CWW 470-02 Sewer Component Consulting Fees	Total (Net of HST Recoveries)
2021	\$1,106,519	\$110,652	\$271,835	\$133,889	\$1,622,895
2022	\$2,873,562	\$287,357	\$705,938	\$347,701	\$4,214,558
2023	\$3,168,786	\$316,879	\$825,154	\$406,135	\$4,716,954
2024	\$3,168,786	\$316,879	\$825,154	\$406,135	\$4,716,954
2025	\$3,168,786	\$316,879	\$825,154	\$406,135	\$4,716,954
2026	\$3,168,786	\$316,879	\$825,154	\$406,135	\$4,716,954
2027	\$3,168,786	\$316,879	\$620,000	\$306,000	\$4,411,665
2028	\$195,974	\$19,595	\$34,000	\$17,000	\$266,569
2029	\$195,974	\$19,595	\$34,000	\$17,000	\$266,569
Total (Net of HST Recoveries)	\$20,215,960	\$2,021,596	\$4,966,388	\$2,446,131	\$29,650,075

* Pursuant to the Request for Proposal document, the contract award value includes contingency

The Chief Financial Officer and Treasurer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

Not Applicable.

COMMENTS

Background

To supplement in-house resources, professional engineering services are required for the program management, data collection, preliminary design, detailed design, services during construction and post construction services for the delivery of Transportation Services' Local Roads Capital Works Program, which, depending on the location and infrastructure requirements, may also incorporate sewer and watermain replacement. Funding for these coordinated works is provided through Transportation Services' and Toronto Water's 2023 to 2027 Capital Plan. Combined, the Program is valued at an estimated \$20 million annually.

Projects being delivered through this coordinated Transportation Services and Toronto Water Capital Works Program are required to maintain municipal infrastructure in a state of good repair and include, but are not limited to, the following types of work: reconstruction of roads, laneways, sidewalks including construction of streetscaping, traffic signals, street lighting, replacement of sewers, replacement of watermains, slope stabilization, and stormwater management.

Engineering and Construction Services prepared a Request for Proposal for professional engineering services, in consultation with Transportation Services and Toronto Water and in conjunction with the Purchasing and Materials Management Division, for the following tasks to support the delivery of the multi-year Local Roads Rehabilitation Program:

1. Program Management
2. Data Collection
3. Preliminary Design
4. Detailed Design
5. Services during Construction
6. Post Construction Services

This assignment provides the professional engineering services necessary to deliver the projects associated with the 2023 to 2027 Program. The timelines associated with the delivery of these services is summarized in Table 2.

Table 2: Summary of professional services to be provided to support the delivery of the 2023 to 2027 Local Roads Capital Works Program

Calendar Year	Program Management	Design Services	Services During Construction	Post Construction Services
2021	Award and Program Start Up and Data Collection	N/A	N/A	N/A
2022	On-going	2023 Program	N/A	N/A
2023	On-going	2024 Program	2023 Program	N/A
2024	On-going	2025 Program	2024 Program	N/A
2025	On-going	2026 Program	2025 Program	2023 Program
2026	On-going	2027 Program	2026 Program	2024 Program
2027	On-going	N/A	2027 Program	2025 Program
2028	On-going	N/A	N/A	2026 Program
2029	Program Close-Out	N/A	N/A	2027 Program

Request for Proposal Number Doc2972891793, was issued by the Purchasing and Materials Management Division on May 14, 2021. This resulted in a total of five (5) submissions received on June 14, 2021, from the following suppliers:

1. Parsons Incorporated
2. R.V. Anderson Associates Limited
3. Robinson Consultants Incorporated
4. The Municipal Infrastructure Group Limited (TMIG)
5. WSP Canada Incorporated

A formal selection committee comprising four (4) members from Engineering and Construction Services evaluated each of the five (5) Technical Proposals based on the evaluation criteria set out in the Request for Proposal. A maximum of 75 points were allocated for the technical proposals and 25 points to the Cost of Services. The supplier's Technical Proposals were evaluated first and scored independently and then jointly by all members of the selection committee. Each Technical Proposal needed to score a minimum of 56.25 points (75%) to have the Cost of Services Envelope opened and evaluated.

All five (5) suppliers complied with the mandatory submission requirements and their Technical Proposal was evaluated. Three (3) suppliers successfully passed the Technical Proposal requirements, which allowed their cost of services submission to be opened. The cost proposals were scored and added to the technical scores of the three (3) suppliers that successfully passed the Technical Proposal requirements, resulting in

R.V. Anderson Associates Limited ranked first with the highest overall point score followed by The Municipal Infrastructure Group Limited, having the second highest overall point score, with WSP Canada Incorporated having the third highest score. The selection committee concluded that the proposal submitted by R.V. Anderson Associates Limited, met the requirements of the Request for Proposal and demonstrated an appropriate level of effort for the proposed work. Additionally, the contract award value of \$29,137,259 (includes contingency) net of all applicable taxes and charges was about 4% lower than the original engineering estimate of \$30,311,026 net of all applicable taxes and charges.

Suppliers' scores by criteria, price comparison and a staff analysis of the evaluation results can be provided in a closed session presentation if requested by Committee Members.

The Fair Wage Office has reported that the recommended supplier has indicated it has reviewed and understands the Fair Wage Policy and Labour Trades requirements and has agreed to comply fully with both.

A single Purchase Order will be issued for Request for Proposal Number Doc2972891793 for the professional engineering services for Local Roads Capital Works Program Management assignment to R.V. Anderson Associates Limited, in the amount of \$29,137,259 net of all applicable taxes and charges (\$29,650,075 net of HST recoveries).

All in accordance with the terms and conditions as set out in the Request for Proposal Number Doc2972891793 and any other terms and conditions satisfactory to the Chief Engineer and Executive Director, Engineering and Construction Services and in a form satisfactory to the City Solicitor.

CONTACT

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SIGNATURE

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