

Award of Contract Number RFP-20ECS-TI-01LR to R.V. Anderson Associates Limited for Professional Engineering Services for the Local Roads Resurfacing Program

Date: December 18, 2020

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 Doc2604028867, Contract Number RFP-20ECS-TI-01LR, for the Professional Engineering Services in support of the Transportation Services Local Roads Resurfacing Program, and request authority to award the contract to R.V. Anderson Associates Limited in the amount of \$28,331,737 net of all applicable taxes and charges, \$28,830,376 net of HST recoveries.

RECOMMENDATIONS

The Chief Engineer and Executive Director of 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 RFP-20ECS-TI-01LR, Request for Proposal Number Doc2604028867 to R.V. Anderson Associates Limited, having submitted the highest scoring proposal meeting the requirements of the Request for Proposal to provide Program Management, Data Collection, Tender Preparation, Services During Construction, Post Construction Services and Material Testing Services for a 7 year period from 2021 to 2027, for the Local Roads Resurfacing Program in support of Transportation Services' proposed 2021 Budget and 2022 to 2025 Capital Plan for the total amount of \$28,331,737 net of all applicable taxes and charges (\$28,830,376 net of HST recoveries), including contingencies

FINANCIAL IMPACT

The total value of the contract award for Request for Proposal Number Doc2604028867, Contract Number RFP-20ECS-TI-01LR, for Professional Engineering Services for Local Roads Resurfacing Program, is \$28,331,737 net of all applicable taxes and charges. The total cost to the City is \$28,830,376 net of HST Recoveries. The cost breakdown by work task is summarized as follows:

- a. Program Management Services for a period of seven (7) years: \$5,999,798 net of HST, including labour, disbursements, provisional allowances and the contingency amount;
- b. Data Collection for a period of four (4) years: \$3,044,659 net of HST, including labour, disbursements, provisional allowances and the contingency amount;
- c. Tendering for a period of four (4) years: \$570,874 net of HST, including labour, disbursements, provisional allowances and the contingency amount;
- d. Services During Construction for a period of five (5) years - \$16,888,344 net of HST, including labour, disbursements, provisional allowances and the contingency amount;
- e. Post Construction Services for a period of five (5) years: \$237,864 net of HST, including labour, disbursements, provisional allowances and the contingency amount;
- f. Material Testing Services for a period of seven (7) years: \$2,088,837 net of HST, including labour, disbursements, provisional allowances and the contingency amount;

All in accordance with the terms and conditions as set out in the Request for Proposal Number Doc2604028867 and any other terms and conditions satisfactory to the Chief Engineer and Executive Director, Engineering & Construction Services and in a form satisfactory to the City Solicitor.

Funding for this Request for Proposal Number Doc2604028867 is included in the approved cash flows and future year commitments of Transportation Services' 2020-2029 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	CTP315-07-412 Local Road Rehabilitation	CTP315-09-403 General Pool Contingency	Total (Net of HST Recoveries)
2021	\$5,345,977	\$534,598	\$5,880,575
2022	\$5,322,974	\$532,297	\$5,855,271
2023	\$5,366,222	\$536,622	\$5,902,844
2024 and beyond	\$10,174,260	\$1,017,425	\$11,191,686
Total (Net of HST Recoveries)	\$26,209,433	\$2,620,943	\$28,830,376

* 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, engineering consulting services are required for the Program Management, Data Collection, Tender Preparation and Services during Construction, Post Construction Services and Material Testing Services for the Local Roads Resurfacing Program, in support of Transportation Services' proposed 2021 Capital Budget and 2022 to 2025 Capital Plan, valued at an estimated \$35 million to \$50 million annually.

Local road resurfacing projects included in the Transportation Services Capital Works Program are required to keep municipal infrastructure in a state of good repair. The type of roadway rehabilitation typically includes the milling of 40 to 50 mm of top course asphalt, removing and replacing any areas of deficient base course asphalt/granular road base or concrete road base, repaving with 40 to 50 mm of new top course asphalt,

removal and replacement of any deficient concrete curb and sidewalks, and any associated boulevard and driveway restorations. Additionally, streets with existing ditches will include the cleaning and regrading of the ditches, removal and replacement of any deficient driveway culverts, and the associated boulevard and driveway restorations.

A Request for Proposal for Engineering Consulting Services to support Transportation Services' Local Roads Resurfacing Program was prepared by Engineering and Construction Services, in consultation with Transportation Services and in conjunction with the Purchasing and Materials Management Division, for the following tasks:

1. Program Management
2. Data Collection
3. Tender Preparation
4. Services during Construction
5. Post Construction Services
6. Material Testing Services

The timelines for the services provided through this contract are presented in Table 2. Program Management services are required from the commencement of this Request for Proposal to the end of the Post Construction Services for the 2025 Capital Program. The Data Collection and Tender Preparation tasks for the 2021 Capital Program have been provided through a separate contract.

Table 2: Summary of Program Management, Data collection, Tender Preparation, Services during Construction, and Post Construction Services to be provided by year of Program (i.e. year of construction)

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

Request for Proposal Number Doc2604028867, was issued by the Purchasing and Materials Management Division on September 10, 2020. This resulted in a total of four (4) submissions received on October 6, 2020, from the following suppliers:

1. Robinson Consultant Incorporated
2. The Municipal Infrastructure Group Limited
3. WSP Canada Group Limited
4. R.V. Anderson Associates Limited

A formal selection committee comprising three (3) members from Engineering and Construction Services, evaluated each of the four (4) 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 52.50 points (70%) to have the Cost of Services Envelope opened and evaluated.

All four (4) suppliers complied with the mandatory submission requirements and their Technical Proposal was evaluated. Two (2) 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 two (2) 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.

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 \$28,331,737 (includes contingency) net of all applicable taxes and charges are in line with the engineering estimate in the amount \$28,361,850 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 Doc2604028867 for the Professional Engineering Services for Local Roads Resurfacing Program to R.V. Anderson Associates Limited, in the amount of \$28,331,737 net of all applicable taxes and charges (\$28,830,376 net of HST recoveries).

CONTACT

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SIGNATURE

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