

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

From: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment and Infrastructure

Subject: Contract Award: RFT-2024-700
2024-2025 Infrastructure Renewal Program
Cavendish Crescent, Riverside Park and Mitchell A. Baran Park

Date: March 19, 2024

Recommendation

That on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the award of contract for the 2024-2025 Infrastructure Renewal Program Cavendish Crescent, Riverside Park and Mitchell A. Baran Park project:

- (a) the bid submitted by J-AAR Excavating Limited at its tendered price of \$7,264,752.80, excluding HST, **BE ACCEPTED**; it being noted that the bid submitted by J-AAR Excavating Limited was the lowest of nine bids received and meets the City's specifications and requirements in all areas;
- (b) the financing for this project **BE APPROVED** as set out in the Sources of Financing Report attached, hereto, as Appendix 'A';
- (c) the Civic Administration **BE AUTHORIZED** to undertake all the administrative acts that are necessary in connection with this project;
- (d) the approval given, herein, **BE CONDITIONAL** upon the Corporation entering into a formal contract, or issuing a purchase order for the material to be supplied and the work to be done, relating to this project (RFT-2024-700); and
- (e) the Mayor and City Clerk **BE AUTHORIZED** to execute any contract or other documents, if required, to give effect to these recommendations.

Executive Summary

Cavendish Crescent has been identified for reconstruction under the annual Infrastructure Renewal Program as the sanitary sewer, storm sewer and watermain within the project limits are at the end of their useful life. The project will also undertake critical work to reroute a trunk sanitary sewer into a new alignment to accommodate the future reconstruction of the West London Dyke.

This report recommends award of the construction tender to J-AAR Excavating for the reconstruction of Cavendish Crescent from Cavendish Crescent (north leg) to Wharncliffe Road North, and includes installation of a new trunk sanitary sewer through portions of Riverside Park and Mitchell A. Baran Park. A location map depicting the approximate limits of the reconstruction project is provided in Appendix 'B'. The overall project is intended to be constructed in one continuous phase of work through 2024 and into 2025.

Linkage to the Corporate Strategic Plan

This recommendation supports the following 2023-2027 Strategic Plan areas of focus:

- Climate Action and Sustainable Growth:
 - The infrastructure gap is managed for all assets;
 - London's infrastructure is built, maintained, and secured to support future

growth and protect the environment; and

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

- Civic Works Committee – July 18, 2023, Appointment of Consulting Engineers for the Infrastructure Renewal Program, Recommendation a) (ii).

2.0 Discussion and Considerations

2.1 Work Description

The Cavendish Crescent, Riverside Park and Mitchell A. Baran Park project includes the following work details:

- Watermain replacement including water service renewal to the property line;
- Sanitary sewer replacement and rerouting of trunk sanitary sewer;
- Storm sewer replacement;
- Partial replacement of existing private drain connections;
- Replacement of existing sidewalk; and
- Full road reconstruction including new asphalt, curb, and gutter.

There will be some temporary closures and detours of the park pathways, expected in fall/winter of 2024-2025. Eight small trees and 18 large trees have been identified for removal, along with the possible removal of two additional large trees in Mitchell A. Baran Park. Trees for this project will be removed in two stages with Mitchell A. Baran park trees to be removed in fall/winter 2024-2025 as part of a second stage of tree removals to allow for those trees to remain for 2024 summer season.

Infrastructure replacement needs have been coordinated within the Environment and Infrastructure Department. The funding for this project comes from the approved Wastewater, Water, and Transportation capital works budgets.

2.2 Public Consultation

The initial project notice (dated August 17, 2023) was mailed to properties within and flanking the project limits. Included with the notice was a survey that residents were invited to fill out and return to the City's project team to provide information on their property and input for consideration.

The subsequent pre-construction notice (dated November 15, 2023) was mailed to properties within and flanking the project limits. Included in this notice was an invitation for residents to attend a drop-in event to view construction plans, review necessary tree removals, discuss impacts to their property and to learn more about the project. Following the meeting, project boards displayed at the meeting were made available for download on the project website.

2.3 Service Replacement

In conjunction with the construction of this project, the City is replacing existing active sewer private drain connections to approximately two metres behind the curb, where applicable, to help minimize future roadway excavations and to extend the service life of the roadway. As part of this project the water service connections will be replaced to the property line. The property owner may elect to replace their private side water service connection at their own cost. Property owners may also be eligible to participate in the City's Lead Service Replacement Loan Program.

3.0 Financial Impact/Considerations

3.1 Tender Summary

The tender for the 2024-2025 Infrastructure Renewal Program Cavendish Crescent, Riverside Park and Mitchell A. Baran Park project closed on February 8, 2024. Nine contractors submitted tender prices as listed below, excluding HST. All tenders received include a contingency of \$900,000.00.

Table 1: Summary of submitted tender prices

Contractor	Tender Price Submitted
J-AAR Excavating Limited	\$7,264,752.80
Bre-Ex Construction Inc	\$7,697,509.05
CH Excavating (2013)	\$8,087,233.64
Blue-Con Construction	\$8,918,181.00
Birnam Excavating Ltd.	\$9,217,413.08
Amico Infrastructure (Oxford) Inc.	\$12,078,275.30
614128 Ontario Ltd o/a Trisan Construction	\$13,940,775.50
STRABAG Inc.	\$14,275,777.00
Memme Excavation Company Limited	\$15,529,959.32

All tenders have been checked by the Environment and Infrastructure Department and Stantec Consulting Ltd.. No mathematical errors were found. The results of the tendering process indicate a competitive process. The tender estimate prior to tender opening was \$9,083,478.00, including contingency, excluding HST.

3.2 Operating Budget Impacts

Additional annual sewer, water, and transportation operating costs attributed to new infrastructure installation are summarized in the following table.

Table 2: Summary of annual operating cost increase

Division	Rationale	Annual Operating Cost Increase
Sewer Operations	Additional catchbasins, manholes and other appurtenances.	\$1,000.00
Water Operations	Additional valves, hydrants and other appurtenances.	\$150.00
Road Operations		\$0.00
Total		\$1,150.00

Conclusion

Civic Administration has reviewed the tender bids and recommends J-AAR Excavating Limited be awarded the construction contact for the 2024-2025 Infrastructure Renewal Program Cavendish Crescent, Riverside Park and Mitchell A. Baran Park project.

Prepared by: Kyle Chambers, P.Eng.
Division Manager, Sewer Engineering

Submitted by: Ashley Rammeloo, MMSc, P.Eng.
Director, Water, Wastewater, and Stormwater

Recommended by: Kelly Scherr, P.Eng., MBA, FEC
Deputy City Manager, Environment and Infrastructure

cc: D. Gough, K. Johnson, A. Rozentals

Appendix 'A' – Sources of Financing

Appendix 'B' – Location Map

Appendix "A"

#24043
 March 19, 2024
 (Award Contract)

Chair and Members
 Civic Works Committee

RE: RFT-2024-700 2024-2025 Infrastructure Renewal Program Cavendish Crescent, Riverside Park and Mitchell A. Baran Park
 (Subledger WS24C004)

Capital Project ES241423 - Infrastructure Renewal Program - Sanitary Sewer
 Capital Project ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment
 Capital Project EW376524 - Infrastructure Renewal Program - Watermains
 Capital Project TS301424 - Road Network Improvements (Local and Rural)
 J-AAR Excavating Limited - \$7,264,752.80 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this purchase can be accommodated within the financing available for it in the Capital Budget and that, subject to the approval of the Deputy City Manager, Environment and Infrastructure, the detailed source of financing is:

Estimated Expenditures	Approved Budget	Committed To Date	This Submission	Balance for Future Work
ES241423 - Infrastructure Renewal Program - Sanitary Sewer				
Engineering	1,995,000	732,091	0	1,262,909
Land Acquisition	5,000	5,000	0	0
Construction	11,287,878	5,436,978	5,055,035	795,865
City Related Expenses	25,000	0	0	25,000
ES241423 Total	13,312,878	6,174,069	5,055,035	2,083,774
ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment				
Engineering	2,000,000	813,703	0	1,186,297
Construction	11,212,878	9,166,874	404,071	1,641,933
City Related Expenses	100,000	1,068	0	98,932
ES254023 Total	13,312,878	9,981,645	404,071	2,927,162
EW376524 - Infrastructure Renewal Program - Watermains				
Construction	21,287,668	0	509,595	20,778,073
TS301424 - Road Network Improvements (Local and Rural)				
Construction	10,633,208	0	1,423,912	9,209,296
Total Expenditures	\$58,546,632	\$16,155,714	\$7,392,613	\$34,998,305

Sources of Financing

	Approved Budget	Committed To Date	This Submission	Balance for Future Work
ES241423 - Infrastructure Renewal Program - Sanitary Sewer				
Capital Sewer Rates	8,812,878	6,174,069	2,638,809	0
Drawdown from Sewage Works Renewal Reserve Fund	2,250,000	0	166,226	2,083,774
Canada Community-Building Fund	2,250,000	0	2,250,000	0
ES241423 Total	13,312,878	6,174,069	5,055,035	2,083,774
ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment				
Capital Sewer Rates	1,242,500	1,242,500	0	0
Drawdown from Sewage Works Renewal Reserve Fund	9,820,378	6,489,145	404,071	2,927,162
Canada Community-Building Fund	2,250,000	2,250,000	0	0
ES254023 Total	13,312,878	9,981,645	404,071	2,927,162
EW376524 - Infrastructure Renewal Program - Watermains				
Capital Water Rates	10,865,981	0	509,595	10,356,386
Drawdown from Water Works Renewal Reserve Fund	8,996,687	0	0	8,996,687
Canada Community-Building Fund	1,425,000	0	0	1,425,000
EW376524 Total	21,287,668	0	509,595	20,778,073
TS301424 - Road Network Improvements (Local and Rural)				
Capital Levy	9,326,865	0	1,423,912	7,902,953
Drawdown from Transportation Renewal Reserve Fund	1,306,343	0	0	1,306,343
TS301424 Total	10,633,208	0	1,423,912	9,209,296
Total Financing	\$58,546,632	\$16,155,714	\$7,392,613	\$34,998,305

Appendix "A"

#24043
March 19, 2024
(Award Contract)

Chair and Members
Civic Works Committee

RE: RFT-2024-700 2024-2025 Infrastructure Renewal Program Cavendish Crescent, Riverside Park and Mitchell A. Baran Park
(Subledger WS24C004)

Capital Project ES241423 - Infrastructure Renewal Program - Sanitary Sewer
Capital Project ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment
Capital Project EW376524 - Infrastructure Renewal Program - Watermains
Capital Project TS301424 - Road Network Improvements (Local and Rural)
J-AAR Excavating Limited - \$7,264,752.80 (excluding HST)

Financial Note	ES241423	ES254023	EW376524	TS301424
Contract Price	\$4,967,605	\$397,082	\$500,781	\$1,399,285
Add: HST @13%	645,789	51,621	65,102	181,907
Total Contract Price Including Taxes	5,613,394	448,703	565,883	1,581,192
Less: HST Rebate	-558,359	-44,632	-56,288	-157,280
Net Contract Price	\$5,055,035	\$404,071	\$509,595	\$1,423,912
	Total			
Contract Price	\$7,264,753			
Add: HST @13%	944,418			
Total Contract Price Including Taxes	8,209,171			
Less: HST Rebate	-816,558			
Net Contract Price	\$7,392,613			

Note 1: There will be additional annual operating costs of \$1,000.00 to Sewer Operations and \$150.00 to Water Operations.

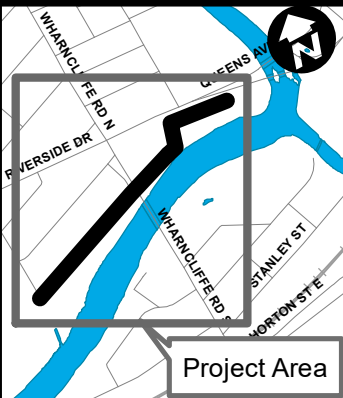
Jason Davies
Manager of Financial Planning & Policy

mp

APPENDIX 'B'



LOCATION MAP



2024/2025 Infrastructure Renewal Program

Greenway Low Level Trunk Sanitary Sewer (GTSS) Realignment
Cavendish Crescent (east-west) from Cavendish Crescent (north-south/west leg)
to Mitchell A. Baran Park

Approximate Project Limits

Map Produced by
the Sewer
Engineering
Division
January 31, 2024 CM



London
CANADA
300 Dufferin Avenue,
PO Box 5035
London, Ontario
N6A 4L9
www.London.ca