

Report to Civic Works Committee

To: Chair and Members
Civic Works Committee

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

Subject: White Oaks Complete Corridor Design from Wharncliffe to
Exeter Road Consulting Services Award – Irregular Result

Date: December 5, 2023

Recommendation

That, on the recommendation of the Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the award of consulting services for the completion of the Detailed Design and Contract Administration for the 2024 White Oaks Stormwater Management Remediation Project:

- a) Matrix Solutions Inc. **BE APPOINTED** Consulting Engineers in the amount of \$499,445.00, including contingency, excluding HST, in accordance with Section 19.4 of the City of London's Procurement of Goods and Services Policy;
- b) the financing for the project **BE APPROVED** in accordance with 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 approvals given herein **BE CONDITIONAL** upon the Corporation entering into a formal contract; 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

The White Oaks Complete Corridor Design includes detailed design and construction administration for a tributary of White Oaks Drain, located in southwest London. The complete corridor design will integrate stormwater management, protection and enhancement of the natural heritage features and functions and establish amenity space within the future community area. This consultant award is time sensitive as the first phase of the project must be designed and constructed prior to the Bradley Avenue extension between White Oak Road and Wharncliffe Road. During the Request for Proposal (RFP) process, only one bid was submitted to complete this assignment. However, staff reviewed the RFP and recommends this consultant as capable of providing a quality design for good value, relative to other similar channel projects that have been recently completed. This report recommends that Matrix Solutions Inc. be appointed to carry out the design and construction contract administration. The engineering consulting work recommended within this report will support neighbourhood development in southwest London.

Linkage to the Corporate Strategic Plan

This project supports the 2023-2027 Strategic Plan area of focus:

- Climate Action and Sustainable Growth:
 - The infrastructure gap is managed for all assets; and
 - London's infrastructure is built, maintained, and secured to support future growth and protect the environment; and
 - London has a strong and healthy environment by incorporating stormwater

management quantity and quantity controls to protect downstream waterways, wetlands, watersheds and natural areas.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

CWC – February 4, 2020 – Dingman Creek Subwatershed: Stormwater Servicing Strategy for Stage 1 Lands Municipal Class Environmental Assessment: Notice of Completion

2.0 Discussion and Considerations

2.1 Project Description

White Oaks Complete Corridor project was identified as a preferred stormwater management strategy in the Dingman Creek Subwatershed: Stormwater Servicing Study Master Plan and Schedule B Municipal Class Environmental Assessment (Dingman Creek EA) (Aquafor Beech, September 2020).

The project is generally located between Wharncliffe Road South and Exeter Road, to the west of White Oak Road. The first two phases of work are within two subdivision plans with pending draft plan approval. The channel design will coordinate with the subdivision design. The limits for the third phase will include functional design only, to be coordinated in the future as developments in this area proceed. See Appendix B for location map.

The project will redesign a tributary channel of White Oaks Drain to convey the Regulatory Flood Event (250-year) following natural channel design principles. The design will meet the “complete corridor” concepts for the movement of people, wildlife, and stormwater by integrating stormwater management, protection and enhancement of the natural heritage features and functions, as well as establish amenity space within the future neighbourhood.

The design will include assessment of current conditions, channel design including regulatory flood limits, and pathway connections through open space lands, all with consideration for opportunities to enhance the natural environment. Review of upgrades to existing culverts at Wharncliffe Road and Exeter Road will be included to identify increased hydraulic capacity needs at these road crossings to alleviate flooding conditions.

2.2 Procurement Process

A two-stage procurement process was used to select the recommended consultant in accordance with Section 15.2(e) of the Procurement of Goods and Services Policy.

The first stage of the process was an open, publicly advertised Request for Qualifications. Statement of Qualifications submissions were received from a province-wide group of prospective consultants. The Statement of Qualifications were evaluated by the Engineering and Infrastructure Service Area resulting in a short-list of 16 engineering consulting firms.

Stage two was a competitive Request for Proposal (RFP23-145) exercise including both a technical and cost component. Three qualified engineering firms from the City's pre-approved consultant list were invited to submit a response; however, only one bid was received. Evaluation of the single bid is subject to Section 19.4 of the Procurement of

Goods and Services Policy, requiring Deputy City Manager approval is required in advance of opening the bid submission for evaluation.

Staff have reviewed the fee submission in detail considering the hourly rates provided by each staff member and the time allocated to each project related task. Matrix Solutions is a capable firm that has provided a suitable work plan and a fair value to complete this assignment, all in consideration of projects of similar scope and scale that have been through competitive bid processes over the past year. The proposed Matrix team has successfully completed similar work within the City of London. As such, staff recommend proceeding with the single bid.

2.3 Schedule and Budget Implications

The initial design phase of this assignment is time sensitive and is scheduled to be complete and ready for tendering in 2024 to support the future Bradley Ave extension. Future phases of construction are expected to be completed by the end of 2026. The consulting service fees proposed within this report also include an estimation of contract administration services required for the construction phase of this project.

Funds have been budgeted in the sewer capital budget to support this assignment as identified in the Sources of Financing, attached as Appendix 'A'.

Conclusion

The White Oaks Complete Corridor project will implement a stormwater servicing strategy in future neighbourhood lands as identified in the Dingman Creek EA. Matrix Solutions Inc. have demonstrated their competency and expertise with completing channel design projects of similar scope and it is recommended that they be appointed the consulting engineers for this project. The Matrix Solutions Inc. team has a demonstrated ability to complete these projects on time and within budget and has demonstrated a solid understanding of this project in their proposal. It is recommended that Matrix Solutions Inc. be awarded this assignment.

Prepared by: **Shawna Chambers, P.Eng., DPA**
Division Manager, Stormwater 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: A. Sones, S. Mollon, S. Paccione, D. Mockler, Z. Nsair, G. McDonald

Appendix 'A' – Source of Financing

Appendix 'B' – Area Map

Appendix "A"

#23219

December 5, 2023

(Appoint Consulting Engineer)

Chair and Members
Civic Works Committee

RE: White Oaks Complete Corridor Design from Wharnclyffe to Exeter Road Consulting Services Award

(Subledger SWM22007)

Capital Project ES2499 - White Oaks Channel Complete Corridor (Wharnclyffe to White Oaks 3E)

Matrix Solutions Inc. - \$499,445.00 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this project cannot be accommodated within the financing available for it in the Capital Budget, but can be accommodated by advancing the proposed 2024 Capital Budget for this project and that, subject to the approval of the recommendation of the Deputy City Manager, Environment and Infrastructure, the detailed source of financing for this project is:

| Estimated Expenditures | Approved Budget | Advanced Financing (Note 1) | Revised Budget | This Submission |
|--|--------------------|-----------------------------------|-------------------|--------------------|
| Engineering | 0 | 508,235 | 508,235 | 508,235 |
| Total Expenditures | \$0 | \$508,235 | \$508,235 | \$508,235 |
| Sources of Financing | | | | |
| Debenture Quota (Note 2) | 0 | 162,127 | 162,127 | 162,127 |
| Drawdown from City Services - Stormwater Reserve Fund (Development Charges) (Note 3) | 0 | 346,108 | 346,108 | 346,108 |
| Total Financing | \$0 | \$508,235 | \$508,235 | \$508,235 |

Financial Note:

| | |
|--------------------------------------|-------------------------|
| Contract Price | \$499,445 |
| Add: HST @13% | \$64,928 |
| Total Contract Price Including Taxes | <u>\$564,373</u> |
| Less: HST Rebate | -\$56,138 |
| Net Contract Price | <u><u>\$508,235</u></u> |

Note 1: The Engineering budget (\$2.47 million) for this contract in Capital Project ES2499 - White Oaks Channel Complete Corridor (Wharnclyffe to White Oaks 3E) is included in the 2024 base capital budget. A portion of this budget (\$508 thousand) is required in 2023 and can be accommodated by advancing this amount. Upon Council approval of this report and its recommendations, the 2024 capital budget for ES2499 will be adjusted.

Note 2: Note to City Clerk: Administration hereby certifies that the estimated amounts payable in respect of this project does not exceed the annual financial debt and obligation limit for the Municipality from the Ministry of Municipal Affairs in accordance with the provisions of Ontario Regulation 403/02 made under the Municipal Act, and accordingly the City Clerk is hereby requested to prepare and introduce the necessary by-laws.

An authorizing by-law should be drafted to secure debenture financing for project ES2499 - White Oaks Channel Complete Corridor (Wharnclyffe to White Oaks 3E) for the net amount to be debentured of \$162,127.

Note 3: Development Charges have been utilized in accordance with the underlying legislation and the approved 2019 Development Charges Background Study and the 2021 Development Charges Background Study Update.

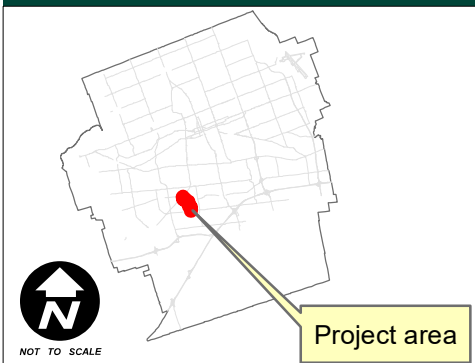
Kyle Murray
Director, Financial Planning and Business Support

ah

APPENDIX 'B'



Location Map



**RFP-2023-145- Consulting Services
White Oaks Tributary
Natural Channel Corridor Design
Project Area by Phases**

Map Produced by
Stormwater Engineering
Division

December 5, 2023



London
CANADA

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