

## 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:** 2023 Stormwater Management Remediation Project  
Consultant Award  
**Date:** November 1, 2022

## 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 2023 Stormwater Management Remediation Project:

- a) Matrix Solutions Inc. **BE APPOINTED** Consulting Engineers in the amount of \$106,880.00, including 10% contingency, excluding HST, in accordance with Section 15.2 (d) 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

### Purpose

This report recommends that Matrix Solutions Inc. be appointed to carry out the detailed design and construction contract administration for the 2023 Stormwater Management Remediation project.

### Context

The Stormwater Management Facility Remediation Program is an annual program intended to reinstate the design functionality of municipal stormwater management facilities. The engineering consulting work recommended within this report will support an estimated \$1,800,000 worth of rehabilitative works at five stormwater management facilities.

## Linkage to the Corporate Strategic Plan

This project supports the 2019-2023 Strategic Plan through Building a Sustainable City:

- London's infrastructure is built, maintained, and operated to meet the long-term needs of our community by replacing aged and failing infrastructure with new materials and sizing new infrastructure to accommodate future development.
- London has a strong and healthy environment by incorporating stormwater management quantity and quantity controls to protect downstream waterways.

## Analysis

### 1.0 Background Information

#### 1.1 Previous Reports Related to this Matter

None.

### 2.0 Discussion and Considerations

#### 2.1 Project Description

This project involves detailed design and construction contract administration for the rehabilitation of the following five stormwater management facilities:

- Lambeth Meadows (6549 Beattie Street)
- Pincombe Drain 1 (3150 Wonderland Road South)
- River Road Industrial (2315 River Road)
- South River 2.3 (1036 Shelborne Place)
- Sunningdale 4 (330 Sunningdale Road West)

Rehabilitating these facilities by removing accumulated sediment and repairing various components will reinstate the facilities to their original design functionality and ensure they operate as intended well into the future. The construction phase of this project is scheduled to be completed in 2023 through a Request for Tender process.

#### 2.2 Procurement Process

The procurement process was undertaken in accordance with the City of London's Procurement of Goods and Services Policy, Section 15.2 (d). Facilitated by the Purchasing & Supply Division, a Request for Proposal (RFP 2022-229) invited consulting engineering firms to submit proposals for this assignment. Proposals were submitted from the following consultants:

- AECOM Canada Ltd.
- Matrix Solutions Inc.

Each proposal was reviewed and scored by a panel comprised of Environment & Infrastructure staff. Matrix Solutions Inc.'s proposal received the highest weighted score among the proposals with an estimate of \$106,880.00 including 10% contingency, excluding HST to complete the assignment. Matrix Solutions has successfully completed other projects of this nature for the City of London, including the 2022 Stormwater Management Remediation Project.

#### 2.3 Schedule and Budget Implications

The design phase of this assignment is scheduled to be complete and ready for tendering by spring 2023 and all construction is expected to be complete by the end of 2023. The consulting service fees proposed within this report 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

Matrix Solutions Inc. was found to provide the best value to the City through the RFP

selection process for consulting services for the 2023 Stormwater Management Remediation 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.

<b>Prepared by:</b>	<b>Brad Weber, MPA, LET Division Manager, Sewer Operations</b>
<b>Submitted by:</b>	<b>Ashley M Rammeloo, MMSc., P.Eng. Director, Water, Wastewater, and Stormwater</b>
<b>Recommended by:</b>	<b>Kelly Scherr, P.Eng., MBA, FEC Deputy City Manager, Environment and Infrastructure</b>
<b>cc:</b>	<b>Steve Mollon Elaine Nickerson Gary McDonald Amanda Pettitt, Matrix Solutions Inc.</b>
<b>Appendix ‘A’</b>	<b>Sources of Financing</b>

Appendix "A"

#22145  
November 1, 2022  
(Appoint Consulting Engineer)

Chair and Members  
Civic Works Committee

RE: 2023 Stormwater Management Remediation Project  
(Subledger NT23ES01)  
Capital Project ES253221 - Stormwater Treatment Remediation Program  
Matrix Solutions Inc. - \$106,880 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this project can be accommodated within the financing available for it in the Capital Budget and that, subject to the approval of the recommendation 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
Engineering	234,801	0	108,761	126,040
Construction	2,835,143	1,651,057	0	1,184,086
Total Expenditures	\$3,069,944	\$1,651,057	\$108,761	\$1,310,126
Sources of Financing				
Capital Sewer Rates	3,069,944	1,651,057	108,761	1,310,126
Total Financing	\$3,069,944	\$1,651,057	\$108,761	\$1,310,126
Financial Note:				
Contract Price	\$106,880			
Add: HST @13%	13,894			
Total Contract Price Including Taxes	120,774			
Less: HST Rebate	-12,013			
Net Contract Price	\$108,761			

Jason Davies  
Manager of Financial Planning & Policy