

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: Consulting Engineer Appointment: 2024/2025 Infrastructure
Renewal Program

Date: August 15, 2023

Recommendation

That on the recommendation of Deputy City Manager, Environment and Infrastructure, the following actions **BE TAKEN** with respect to the appointment of a consulting engineer for the 2024/2025 Infrastructure Renewal Program Assignments

- (a) Dillon Consulting Limited (Dillon) **BE APPOINTED** consulting engineers to undertake detailed design and construction administration services for the Decommissioning of Water Chamber 13 project and detailed design for the William Street Reconstruction project, in the total amount of \$413,912.40 (excluding HST), in accordance with Section 14.4(a) of the City of London's Procurement of Goods and Services Policy;
- (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; 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

This report recommends appointing Dillon Consulting to undertake engineering services related to the Decommissioning of Water Chamber 13 and William Street Reconstruction from Regent Street to Grosvenor Street. This assignment previously went through a competitive RFP process in which Dillon was the only consultant that submitted a bid. However, their bid was received after the deadline, and was therefore deemed non-compliant. It is for this reason, and the fact that this work is a further phase and continuation of work already undertaken by Dillon in the project area, that Dillon be directly awarded this assignment.

The Infrastructure Renewal Program is an annual program intended to maintain the lifecycle and operation of municipal infrastructure at an acceptable level of service. The engineering consultants work with city staff to complete the Infrastructure Renewal Program projects to meet the challenging infrastructure lifecycle replacement needs. The engineering consulting work recommended for the Infrastructure Renewal Program will support the reconstruction of an estimated \$6,000,000 of capital infrastructure.

Linkage to the Corporate Strategic Plan

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

- Mobility and Transportation:
 - Londoners can move around the city safely and easily in a manner that meets their needs by incorporating cycling infrastructure and safety enhancements.

- 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 quality controls to protect downstream waterways, wetlands, watersheds and natural areas.

Analysis

1.0 Background Information

1.1 Previous Reports Related to this Matter

- None

2.0 Discussion and Considerations

2.1 Work Description

This assignment is for Consulting Engineering Services for the detailed design and contract administration of the proposed Decommissioning of Water Chamber 13 and for detailed design only for the William Street Reconstruction. The Decommissioning of Water Chamber 13 project is scheduled for 2024 construction and is the last phase of a multi-phase project to renew, update, and relocate the existing Chamber 13 which is located in Huron Woods. This phase will decommission the existing chamber and restore/naturalize the disturbed area. The William Street Reconstruction work is scheduled for 2025 and will include watermain and sewer replacement as well as restoration of areas disturbed by the construction activity. Location maps are provided for each project in Appendix 'B'.

3.0 Financial Impact/Considerations

3.1 Consulting Engineer Services

Dillon's fee to undertake consulting services for the Decommissioning of Water Chamber 13 is \$157,551.90 and the fee for the William Street Reconstruction is \$256,360.50, for a total of \$413,912.40 (excluding HST).

Staff have reviewed the fee submission, including the time allocated to each project task, along with hourly rates provided by the consultant's staff members. The submission was found to be consistent with other project assignments of similar scope. The consultant has the staff capacity, technical capability and knowledge to be able to effectively undertake the work.

Funds have been budgeted and are available in the Water and Sewer capital budgets to support the engineering work for the projects as identified in Appendix 'A', 'Source of Financing'.

Conclusion

Replacing infrastructure at the end of its lifecycle is essential to support future growth and to protect the environment. Dillon has shown their competency and expertise in the previous phases of the Chamber 13 decommissioning project along with similar infrastructure replacement projects, and therefore it is recommended that Dillon be awarded this engineering assignment as it is in the best financial and technical interests of the City.

Prepared by: Aaron Rozentals, P.Eng., GDPA
Division Manager, Water 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, J. Self, K. Chambers, D. Harron, D. Law, K. Graham

Appendix 'A' – Source of Financing

Appendix 'B' – Location Map

Appendix "A"

#23159

August 15, 2023

(Appoint Consulting Engineer)

Chair and Members

Civic Works Committee

RE: 2024/2025 Infrastructure Renewal Program

(Subledger WS23C003)

Capital Project EW376523 - Infrastructure Renewal Program - Watermains

Capital Project ES241423 - Infrastructure Renewal Program - Sanitary Sewers

Capital Project ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment

Dillon Consulting Limited (Dillon) - \$413,912.40 (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 This Date | Submission | Balance for Future Work |
|--|---------------------|------------------------|------------------|-------------------------|
| EW376523 - Infrastructure Renewal Program - Watermains | | | | |
| Engineering | 2,500,000 | 1,164,149 | 168,478 | 1,167,373 |
| Construction | 15,787,316 | 12,100,656 | 0 | 3,686,660 |
| City Related Expenses | 59 | 59 | 0 | 0 |
| EW376523 Total | 18,287,375 | 13,264,864 | 168,478 | 4,854,033 |
| ES241423 - Infrastructure Renewal Program - Sanitary Sewers | | | | |
| Engineering | 2,000,000 | 434,869 | 126,360 | 1,438,771 |
| Construction | 11,287,878 | 3,330,303 | 0 | 7,957,575 |
| City Related Expenses | 25,000 | 0 | 0 | 25,000 |
| ES241423 Total | 13,312,878 | 3,765,172 | 126,360 | 9,421,346 |
| ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment | | | | |
| Engineering | 2,000,000 | 1,532,640 | 126,358 | 341,002 |
| Construction | 11,212,878 | 7,044,298 | 0 | 4,168,580 |
| City Related Expenses | 100,000 | 611 | 0 | 99,389 |
| ES254023 Total | 13,312,878 | 8,577,549 | 126,358 | 4,608,971 |
| Total Expenditures | \$44,913,131 | \$25,607,585 | \$421,196 | \$18,884,350 |

Sources of Financing

| | | | | |
|--|-------------------|-------------------|----------------|------------------|
| EW376523 - Infrastructure Renewal Program - Watermains | | | | |
| Capital Water Rates | 12,193,444 | 12,193,444 | 0 | 0 |
| Drawdown from Water Works Renewal Reserve Fund | 4,668,931 | 0 | 0 | 4,668,931 |
| Canada Community-Building Fund | 1,425,000 | 1,071,420 | 168,478 | 185,102 |
| EW376523 Total | 18,287,375 | 13,264,864 | 168,478 | 4,854,033 |
| ES241423 - Infrastructure Renewal Program - Sanitary Sewers | | | | |
| Capital Sewer Rates | 8,812,878 | 3,765,172 | 126,360 | 4,921,346 |
| Drawdown from Sewage Works Renewal Reserve Fund | 2,250,000 | 0 | 0 | 2,250,000 |
| Canada Community-Building Fund | 2,250,000 | 0 | 0 | 2,250,000 |
| ES241423 Total | 13,312,878 | 3,765,172 | 126,360 | 9,421,346 |

Appendix "A"

#23159

August 15, 2023
(Appoint Consulting Engineer)

Chair and Members
Civic Works Committee

RE: 2024/2025 Infrastructure Renewal Program
(Subledger WS23C003)

Capital Project EW376523 - Infrastructure Renewal Program - Watermains

Capital Project ES241423 - Infrastructure Renewal Program - Sanitary Sewers

Capital Project ES254023 - Infrastructure Renewal Program - Stormwater Sewers and Treatment

Dillon Consulting Limited (Dillon) - \$413,912.40 (excluding HST)

| Sources of Financing Continued | Approved Budget | Committed To This Date | This Submission | Balance for Future Work |
|--|------------------------|-------------------------------|------------------------|--------------------------------|
| 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 | 5,085,049 | 126,358 | 4,608,971 |
| Canada Community-Building Fund | 2,250,000 | 2,250,000 | 0 | 0 |
| ES254023 Total | 13,312,878 | 8,577,549 | 126,358 | 4,608,971 |
| Total Financing | \$44,913,131 | \$25,607,585 | \$421,196 | \$18,884,350 |

| Financial Note: | EW376523 | ES241423 | ES254023 | Total |
|--------------------------------------|-----------------|-----------------|-----------------|------------------|
| Contract Increase | \$165,565 | \$124,174 | \$124,173 | \$413,912 |
| Add: HST @13% | 21,523 | 16,143 | 16,142 | 53,808 |
| Total Contract Price Including Taxes | 187,088 | 140,317 | 140,315 | 467,720 |
| Less: HST Rebate | -18,610 | -13,957 | -13,957 | -46,524 |
| Net Contract Price | \$168,478 | \$126,360 | \$126,358 | \$421,196 |

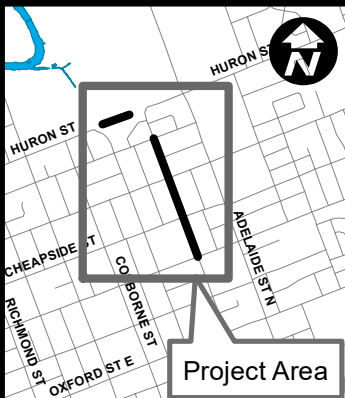
Alan Dunbar
Manager of Financial Planning & Policy

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APPENDIX 'B'



LOCATION MAP




Infrastructure Renewal Program

Within the Huron Street Woods
William Street from Regent Street to Grosvenor Street

Map Produced by
the Sewer
Engineering
Division
June 15, 2023 CM



London
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 Approximate Project Limits