



## REPORT

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**TO:** Mayor Lawlor and Members of Council

**FROM:** Teri Hoey, Supervisor of Construction

**DATE:** March 25, 2024

**REPORT NO.:** TPW-2024-010

**SUBJECT:** Award of 2024-011-P Engineering Services for Geotechnical and Material Testing

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### RECOMMENDATION:

THAT Report No. TPW-2024-010, dated March 25, 2024, regarding the Award of 2024-011-P Engineering Services for Geotechnical and Material Testing, be received;

AND FURTHER THAT G2S Environmental Consulting Inc., 37 Sandiford Drive, Stouffville, Ontario, L4A 3Z2 be awarded 2024-011-P Engineering Services for Geotechnical and Material Testing, in the total amount of \$131,899.00 plus applicable taxes;

AND FURTHER THAT the Manager of Purchasing be authorized to issue a blanket Purchase Order to G2S Environmental Consulting Inc. for 2024-011-P Engineering Services for Geotechnical and Material Testing in the amount of \$131,899 plus applicable taxes for the one year term, with the option to renew the contract for two additional one year periods, subject to satisfactory performance with the Town's requirements and price negotiations;

AND FURTHER THAT Council authorize the Mayor and Clerk to execute the necessary documents to enter into a Client/Engineer Agreement for Professional Consulting Services.

### KEY POINTS:

The following are key points for consideration with respect to this report:

- Staff are recommending the Award of 2024-011-P Engineering Services for Geotechnical and Material Testing to G2S Environmental Consulting Inc.
- The total value of the contract over the duration of the term, inclusive of renewal option if exercised, has the potential to surpass \$250,000. In accordance with

the Purchasing Policy, PLCY-2022-0003 requires awards for Request for Proposal's over two hundred and fifty thousand dollars (\$250,000) be authorized by Council.

- The 2024-2025 component of this contract will be funded through existing approved budgets for Pavement Management (6200-16-0104), Fourth Line Resurfacing (6200-16-2501) and Harold Street Reconstruction (6200-20-1901), and the renewal years will be funded from future budget provisions in the appropriate projects through the annual budget process.

## **BACKGROUND AND DISCUSSION:**

As part of the 2024 Capital Budget, funds were approved for Pavement Management, Fourth Line, and Harold Street reconstruction. A portion of these budgets are allocated for material testing and geotechnical investigations.

The Engineering and Construction section acquires the expertise of geotechnical and material testing consultants along with their associated labs to support our design and tender preparation work. In addition, they provide quality assurance material testing during construction to ensure a quality product. This can include but is not limited to various soil testing, chemical analysis, and pavement design used in the design phase, as well as compaction, concrete, aggregate and asphalt testing throughout construction.

Having a sole consultant on board for both our geotechnical investigations and material testing needs as required will provide significant efficiencies as projects are approved.

The contract period will be a one-year initial term from May 1, 2024 to April 30, 2025. The contract may be renewed for a renewal term of two additional one-year periods. Contract renewal is subject to satisfactory performance by the Consultant, pricing, successful negotiations of both parties for each renewal term.

## **Solicitation of Proposals for Engineering Services**

RFP 2024-011-P Engineering Services for Geotechnical and Material was issued on February 1, 2024. Bids were posted on the Town's bids and tenders website. Twenty-one (21) firms downloaded the document. The RFP closed on February 27, 2024 and twelve (12) submissions were received as follows:

<b>Vendor</b>	<b>Location</b>
Davroc & Associates Ltd.	Brampton, Ontario
Englobe Corp.	Toronto, Ontario
EXP Services Inc.	Brampton, Ontario
G2S Environmental Consulting Inc.	Stouffville, Ontario
Geomaple Geotechnics Inc.	North York, Ontario
GIP Construction Engineering	Caledon, Ontario
Paterson Group	Ottawa, Ontario
PNJ Engineering Inc.	Toronto, Ontario
SAFFA Engineering Inc.	Markham, Ontario
Sirati & Partners Consultants Ltd	Markham, Ontario

Sola Engineering Inc.	Vaughan, Ontario
Terrapex Environmental Ltd.	Toronto, Ontario

Submittals were evaluated by a staff team based on the technical and financial criteria, G2S was determined to be the highest-ranking proponent.

**STRATEGIC PLAN ALIGNMENT:**

This report identifies infrastructure and asset management as one of the Town’s Strategic priorities.

**RELATIONSHIP TO CLIMATE CHANGE:**

This report is administrative in nature and does not directly impact or address climate change and the Town's Net Zero target.

**PUBLIC ENGAGEMENT:**

Public Engagement was not needed as this report is administrative in nature.

**INTERNAL CONSULTATION:**

The Manager of Purchasing is in agreement with this recommendation.

The Town Treasurer and Director of Finance is in agreement with this recommendation.

**FINANCIAL IMPLICATIONS:**

This report will be funded through an existing approved budget source.

Through the 2024 capital budget, Council approved \$1,956,000 for the Pavement Management project (6200-16-0104), \$750,000 for Harold Street Reconstruction (6200-20-1901) and \$1,040,000 for Fourth Line Resurfacing (6200-16-2501). Each of these projects have material testing requirements as part of the project scope that can be funded within the existing project budget.

<b>Description:</b>	<b>Budget (after committed expenses)</b>
Pavement Management (6200-16-0104):	121,696
Harold Street Stormwater Improv. (6200-20-1901):	631,291

Fourth Line Resurfacing (6200-16-2501)	1,040,000
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<b>Approved Budget:</b>	<b>1,792,987</b>
<b>Estimated Expenses:</b>	
G2S Engineering Consulting Inc. Bid - Expenses for 2024-2025:	131,899
Non-recoverable HST (1.76%)	2,321
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Total estimated expenses	134,220
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<b>Remaining Budget</b>	<b>1,658,767</b>
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Geotechnical investigations and material testing services will also be available as required at other locations, and will be funded through the appropriate approved capital budget.

Reviewed and approved by,

Bethany Yew, Manager of Purchasing

Moya Jane Leighton, Director of Finance & Town Treasurer

Mike Donnelly, Director of Engineering & Construction

Bill Andrews, Commissioner of Transportation & Public Works

Chris Mills, Chief Administrative Officer