

REPORT TO: Mayor James M. Diodati
and Members of Municipal Council

SUBMITTED BY: Municipal Works

SUBJECT: **MW-2017-43**
Consultant Appointment
Valley Way Drainage Environmental Assessment Study

RECOMMENDATION

1. That the consulting firm GM Blue Plan be engaged to complete the Valley Way Drainage Environmental Assessment in accordance with their proposal dated August 16, 2017; and
2. The Mayor and Clerk be authorized to execute the required Consulting Services Agreement.

EXECUTIVE SUMMARY

Staff received five (5) proposals in response to a Request for Proposal call to complete the Valley Way Drainage EA Study, as set out in the posted Terms of Reference for this study. This EA process allows for public and stakeholder involvement through meetings and to review the Final Report. The goal of the EA Study is to provide the City with an action plan for sewer separation and drainage improvement in the study area:

Based on a review of the submitted proposals, the recommended submission provided the best value to the City. It will achieve the stated objectives noted in the posted study Terms of Reference.

The purpose of the report is to seek Council's authorization to engage the services of the consulting firm to complete the assignment.

BACKGROUND

Through a previous study, the City Wide Master Drainage Plan Update Study (MDPUS), the City had identified a number of flooding problem areas, where there are reported flooding incidents associated with the sewer systems. Problem Areas 15 is associated the Valley Way drainage areas, which is also known as a flood prone area historically.

The purpose of this EA Study is to assess the combined sewer collection systems in the study areas, in addition to existing sewer outlet capacities, investigate the infrastructure

status and capacities, and provide recommendations guiding the sewer separation, reducing and eliminating the combined and sanitary sewer overflows (CSOs and SSOs) into the environment.

The City received five (5) proposals in response to the RFP. A committee comprised of Municipal Works staff reviewed and evaluated the proposal submissions based on criteria included in the RFP document. Based on the weighted evaluation scores for technical expertise, experience and consulting fees, the submission from GM Blue Plan Engineering Limited represented the best value to the City.

<u>Consultants</u>	<u>Rank Based on Points</u>
GM Blue Plan Engineering Ltd	844.16
EXP Services Inc.	795.83
Cole Engineering	745.94
AECOM Canada Ltd.	730.19
Associated Engineering (Ont.) Inc.	715.11

The recommended proposal demonstrates a proper and thorough understanding of the City's wastewater and stormwater networks, its unique challenges and the expected deliverables and outcomes from this study update. The proposed project team has possessed the capabilities and resources to deliver on the project within the proposed budget. It was indicated in the proposal that the consultant is committed to adhere to the timetable for completion.

FINANCIAL/STAFFING/LEGAL IMPLICATIONS

Funding for the Corwin Drainage EA Study was approved in the 2017 Capital Budget for \$200,000.00. The Niagara Region has approved \$80,000 in funding from their CSO Control Policy funding program.

There is sufficient funding available for the proposed consulting fees of \$192,443.00 plus HST as submitted by GM Blue Plan Engineering Limited.

CITY'S STRATEGIC COMMITMENT

This study meets with the Council's Strategic priorities for:

- Infrastructure Sustainability (system capacity to accommodate growth, addressing basement flooding issues); and

- Financial Stability (Asset Management plan priorities based on need, long term infrastructure sustainability investment, risk management frameworks)

LIST OF ATTACHMENTS

1. Location Plan
2. Budget Sheet

Recommended by:

Geoff Holman, Director of Municipal Works

Respectfully submitted:

Ken Todd, Chief Administrative Officer

Capital Budget Worksheet 2017

Department Municipal Works

Priority (1-3) 1

Project Name Valley Way Drainage Environmental Assessment

Included in 10 year y

Project I.D. # S-20-25 (SS59)

Capital Plan (y/n)

Project Description Environmental assessment reviewing alternative solutions for collection of stormwater in the Valley Way Neighbourhood to allow for separation of combined sewers.

Projected Start Date: Mar-17

	YEAR 2017	YEAR 2018	YEAR 2019	YEAR 2020	YEAR 2021
Opening Balance-Jan 01 (surplus)/deficit	-	-	-	-	-

EXPENDITURES

Engineering Fees/Design/Studies	200,000				
Land/Building/Furniture/Equipment					
Construction					
Roads					
Storm Sewers					
Water					
Sanitary Sewers					
Sitework/Landscaping					
Contingency					
Other					
Interest Expense					
TOTAL EXPENDITURES	200,000	-	-	-	-

FUNDING SOURCES

Special Purpose Reserves					
Capital Holding Reserve					
Reserve Fund					
Transfer from Operating	120,000				
Development Charges					
Debentures					
Gas Tax					
Provincial/Federal Grants					
External Contributions	80,000				
Interest Earned					
Other					
TOTAL FUNDING SOURCES	200,000	-	-	-	-

Closing Balance-Dec 31 (surplus)/deficit	-	-	-	-	-
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