

**Date:** 2020-11-20

**Subject:** **Request To Begin Procurement of Storm Sewer System Maintenance including Catch Basin and Street Sweeping Material Recycling Services for a Two Year Period**

**Contact:** Ronnie Di Gironimo, Road Maintenance, Operations and Fleet Division, 437-214-7657

**Report Number:** Public Works & Engineering-2020-435

**Recommendations:**

1. That the report titled: Request To Begin Procurement of Storm Sewer System Maintenance including Catch Basin and Street Sweeping Material Recycling Services for a Two Year Period, to the Committee of Council Meeting of December 09, 2020 be received; and
2. That the Purchasing Agent be authorized to commence the procurement for Storm Sewer System Maintenance & Catch Basin Material Recycling Services for a Two Year Period.

**Overview:**

- **This report outlines the request to begin procurement for Storm Sewer System Maintenance & Catch Basin Material Recycling Services for a Two (2) Year Period with the option to extend for an additional three one-year periods.**

**Background:**

The City of Brampton's storm sewer network consists of approximately 1,500 km of storm sewer, 250 km of foundation drain collector sewer, 40,000 catch basins and over 100 underground storm water treatment devices, forming an integral part of the storm water management network within the City of Brampton. Routine preventative maintenance of this infrastructure is crucial to keep the network in a good state of

repair, protect the investment in this vital asset, keep systems working as intended and mitigate potential flooding and loss of property. This maintenance includes:

- annual vacuum removal of sediment and debris from catch basins, and
- storm sewer flushing as required to remove/prevent debris build-up, and
- foundation drain collector reaming to ensure mineral deposits do not restrict flow, and
- cleaning of underground storm water treatment devices on a routine scheduled basis

Prior to 2009 all debris and sand removed during catchbasin cleaning and street sweeping was disposed of as a non-hazardous waste product at a Ministry of Environment certified landfill site. Since 2009, a portion of the work under this contract included the treatment and remediation of approximately 3,000 tonnes of waste material (per year) removed from catch basins and collected during street sweeping operations. The waste material is processed and recycled into usable clean material. Since 2009, over 300,000 tonnes of waste material has been diverted from landfills.

#### **Current Situation:**

- The Public Works & Engineering Department is prepared to begin procurement for storm sewer system maintenance and material recycling services.
- The proposed contract duration will be two (2) years with an additional three (3) one year options, to be exercised annually.

#### **Scope of Project**

Annual storm sewer system maintenance & material recycling consists of approximately:

- 34,000 catch basins to be cleaned
- 300 hours of storm sewer flushing
- 200 hours of foundation drain collector sewer reaming
- 100 hours of underground storm water treatment devices cleaning
- processing of 3,000 tonnes per year of waste materials

### Timing of the Project/Initiative

Tentative Procurement Schedule:

Item	Proposed Dates (s)
Tender issued	January 2021
Contract Start	March 2021

### **Corporate Implications:**

#### Financial Implications:

Sufficient funding has been identified in the current base operating budget within the Public Works & Engineering Department for the current contract. However, funding for the new contract will be included as part of future operating budget submissions and the award will be dependent on the approval of future budgets by Council.

#### Purchasing Comments:

A public procurement process will be conducted and the lowest compliant Bid will be eligible for contract award. Purchase approval shall be obtained in accordance with the Purchasing By-law.

All communication with Bidders involved in the procurement must occur formally, through the contact person identified in the Bid Document.

#### Other Implications:

### **Term of Council Priorities:**

This report achieves Council priorities as follows:

Environmental Stewardship is achieved by protecting our natural environment through the unique use of material recycling in order to turn a waste product into a sustainable reusable material.

Good Government is achieved through proactive and effective preventative maintenance of the storm water management network.

Corporate Excellence is achieved through emphasis on customer service by ensuring the public has a safe and efficient storm water network.

**Living Mosaic – 2040 Vision:**

This report directly aligns with the vision that Brampton will be a mosaic of sustainable urban places, complete neighbourhoods and safe, integrated transportation.

**Conclusion:**

This report recommends the Purchasing Agent be authorized to commence with the procurement as described in this report.

Authored by:

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Ronnie Di Gironimo, Sr. Ops. Technician  
Road Maintenance Operations and Fleet  
Public Works & Engineering

Reviewed by:

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Michael Parks, Director  
Road Maintenance Operations and Fleet,  
Public Works & Engineering

Approved by:

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Jayne Holmes P.Eng,  
Acting Commissioner,  
Public Works & Engineering

Submitted by:

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David Barrick  
Chief Administrative Officer

**Attachments:**