




CITY OF HAMILTON
PUBLIC WORKS DEPARTMENT
Waste Management Division

TO:	Chair and Members Public Works Committee
COMMITTEE DATE:	June 17, 2024
SUBJECT/REPORT NO:	Urban Waste Vacuum Cleaner Manufacturer Standardization (PW24042) (City Wide)
WARD(S) AFFECTED:	City Wide
PREPARED BY:	Joel McCormick (905) 546-2424 Extension 4770
SUBMITTED BY:	Angela Storey Director, Waste Management Public Works Department
SIGNATURE:	

RECOMMENDATIONS

- (a) Pursuant to Procurement Policy #14 – Standardization and Policy #11 – Non-Competitive Procurement, that Council approve the standardization of the Glutton Urban Waste Vacuum Cleaner manufactured by Glutton and the single sourcing of the supply, parts, and maintenance for the equipment with the licensed distributor Joe Johnson Equipment until May 1, 2029 for the Waste Management Division;
- (b) That the General Manager, Public Works, or their designate, be authorized to negotiate, enter into, and execute any required contract and ancillary documents required to give effect thereto with licensed distributor Joe Johnson Equipment, in a form satisfactory to the City Solicitor; and
- (c) That the General Manager, Public Works, or their designate, be authorized to amend any contracts executed and any ancillary documents as required if the manufacturer or licensed distributor identified in this Report undergoes a name change, in a form satisfactory to the City Solicitor.

OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

EXECUTIVE SUMMARY

The purpose of Report PW24042 is to obtain approval to use Glutton as the standard for stand-alone, mobile urban waste vacuum cleaners and replacement parts pursuant to Procurement Policy #14 – Standardization as well as seeking approval to single source the purchase of this equipment, replacement parts, and equipment maintenance from Joe Johnson Equipment pursuant to Procurement Policy #11 – Non-competitive Procurement for a five-year period expiring May 1, 2029.

Glutton urban waste vacuum cleaners (Glutton) are currently being used successfully within the Downtown Cleanliness Program of the Waste Management Division. This equipment is used for litter management in public areas such as on sidewalks. The Waste Management Division currently owns and operates four Gluttons and has plans to expand its inventory to support the enhanced litter management program approved with the 2024 Tax Operating and Capital Budget.

Prior to purchasing the first Glutton, staff performed their due diligence by researching and testing different types of urban waste vacuum cleaners. Through this, it was determined that Glutton is better suited for litter management downtown. In preparation for this report, staff completed a second market scan of similar urban waste vacuums and determined that Glutton is still the preferred equipment based on the location of its quick access emergency stop function.

Staff recommend the single source purchase of this equipment, replacement parts and equipment maintenance to Joe Johnson Equipment as they are the North American distributor for Glutton. In addition to this, Joe Johnson Equipment is local which results in speedy response times.

Alternatives for Consideration – See Page 4

FINANCIAL – STAFFING – LEGAL IMPLICATIONS

Financial: The cost associated with the purchase of an urban waste vacuum cleaner manufactured by Glutton is approximately \$30,000. Purchase of additional units for the Waste Management Division will be included in its future capital budget request. The estimated annual operating cost for each unit is approximately \$2,000 and would be requested through the budget approval process as an operating impact from capital.

The number of Gluttons to be purchased over the span of the standardization is dependent on budget approval and program growth. The Waste Management Division would like to double its fleet of Gluttons over the course of the standardization which equates to four additional Gluttons to

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be purchased and operated in the downtown core for litter management. The estimate cost to purchase four Gluttons is approximately \$120,000 with a total operating budget impact of approximately \$8,000.

Staffing: N/A

Legal: N/A

HISTORICAL BACKGROUND

The Downtown Cleanliness Program within the Waste Management Division is responsible for litter management in the downtown core (excluding roadways). The Division currently owns and operates four Gluttons that contribute to efficient litter management.

The first Glutton went into operation in 2018 following an in-depth review of available equipment, with all four Gluttons in operation by the third quarter of 2023. The four Gluttons were originally purchased through Procurement Policy #11 – Non-competitive Procurement. Standardization of this unit and single sourcing the future purchase through Joe Johnson Equipment will ensure staff can efficiently and consistently increase the inventory of urban waste vacuum cleaners that meet staff's requirements for use in the litter maintenance program.

Trained Downtown Cleanliness staff can perform minor equipment repair such as cleaning and replacing filters. Standardizing the maintenance and repair function will help return malfunctioning equipment back to working order quickly.

POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS

The recommendations in this Report are in accordance with the following:

- Procurement Policy By-law 20-205 as amended, Policy #14 – Standardization
- Procurement Policy By-law 20-205 as amended, Policy #11 – Non-competitive Procurement
- Clean & Green Hamilton Strategy – Litter Prevention
- 2022 – 2026 Council Priorities – Priority 2: Safe & Thriving Neighbourhoods; Outcome 3: Provide vibrant parks, recreation, and public space
- Hamilton's Climate Action Strategy
- City of Hamilton's Green Fleet Policy

RELEVANT CONSULTATION

The Procurement Section has been consulted with respect to adherence to the Procurement Policy.

ANALYSIS AND RATIONALE FOR RECOMMENDATION

Prior to purchasing the initial Gluttons, staff completed their due diligence by researching and testing different types of urban waste vacuum cleaners. More recently, staff completed a second market scan of similar urban waste vacuum cleaners where it was determined that the urban waste vacuum cleaner manufactured by Glutton still meets staff's requirements, specifically due to the location of its quick access emergency stop function which is located on the handle next to the operator's hand. Similar equipment from other manufactures offers this function but in locations that are not ideal for quick reactions.

In addition to this, the urban waste vacuum cleaners manufactured by Glutton are compact in size, intuitive to use and have low noise and dust impact. The Glutton is also battery powered and supports Hamilton's Climate Action Strategy.

There are several benefits to standardizing and single sourcing this equipment:

- Expansion of the urban waste vacuum cleaner inventory with units that have been proven to successfully manage litter.
- Standardization allows staff to streamline time requirements for equipment procurement, inventory maintenance and stocking supplies.
- Familiarity by staff due to the same functions and operations.
- Staff who operate this equipment for their work must complete mandatory safety training so they can operate it safely and efficiently. It is more efficient to facilitate the equipment training by having a consistent equipment brand.
- Reduction of inventory on stocking parts for simple maintenance.
- Local availability of parts and service.

The only North American distributor for this equipment is Joe Johnson Equipment. Approving the single source option as outlined in this Report will allow the purchase of the equipment and parts, and equipment maintenance through the only North American distributor, eliminating the need to issue a formal procurement process such as a Request for Tender or Request for Quotation.

ALTERNATIVES FOR CONSIDERATION

Should the recommendations in this report not be approved, staff would undertake the competitive procurement process. As staff from the Waste Management and Fleet

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Services have already investigated similar equipment in the market, this option could lead to less familiar, ergonomic, environmentally-friendly equipment being purchased.

Financial: The financial implications for this alternative would not be known until the procurement process is complete.

Staffing: N/A

Legal: N/A

APPENDICES AND SCHEDULES ATTACHED

N/A