



MANAGEMENT REPORT

Date: May 8, 2023
To: Mayor and Council
From: Brent Raycraft, Supervisor of Fleet
Report #: COU23-058
Attachments: Bid Summary

Title: Tender T-2023-11 to Supply and Deliver One New Sewer / Flusher Combo Unit

Objective: To receive Council approval for the award of Tender T-2023-11 to JD Brule Equipment.

Background: The Fleet Division along with the Public Works Division currently operate a 2004 Sterling Vactor/Flusher Combo Unit that is due to be replaced and has been approved through the 2022 budget process. Three submitted tenders were received with JD Brule Equipment having the lowest tender price that matched our equipment specifications.

Analysis: As the City of Stratford continues to search for efficiencies and environmentally friendly initiatives, this combo unit will be a versatile addition to the Fleet Division. This unit has a single engine which will substantially reduce our carbon footprint in both operation and preventative maintenance. The Tier 4 technology of the Cummins L9 engine has one of the best-in-class emissions control systems on the market. Along with the environmental benefits there will be savings in fuel economy, equipment downtime, and maintenance costs as it is replacing an older 2004 unit, which passed its service life in 2019. Age and wear are impacting the usefulness of this existing piece of fleet as it is regularly inoperable and requiring repair. The low impact nature of this piece of equipment allows repairs to commence expeditiously and safely. Due to its low impact in construction activities, it is a critical piece utilized around high risk infrastructure such as gas, hydro and fibre communications.

This new 2024 unit would allow the Public Works team to flush and maintain underground infrastructure. It is also equipped with a high-volume vacuum system that gives the City of Stratford fleet an extremely versatile piece of equipment. The vacuum and flusher unit would be utilized for preventative maintenance of underground infrastructure, ditch and culvert cleaning, exposure of high priority services such as gas, hydro, and water lines, sign installations and more. The unit can be used year-round as it gives the City the option of using cold or hot water. This unit is the lowest bid on the

tender summary, matching all specifications or exceeding them in areas that would be beneficial to our team and their ability to service the City of Stratford.

Financial Implications: This tender had a budget approval for \$650,000.00 in 2022. The tender from JD Bule Equipment came in at \$734,443.50 including HST, and \$661,389.12 after receiving the HST rebate. The current 2004 unit will be sold on GovDeals and funds received used to offset the additional \$11,389 cost of the new unit. Any shortfall or excess will be absorbed by the Fleet Reserve.

Financial impact to current year operating budget:

There would be a reduction in operating costs. The existing piece of fleet is regularly requiring repair and maintenance by City mechanics. When the piece of equipment is down, contracted services at elevated costs may be incurred. Construction activities that continue to proceed may require more time to complete the work and additional restoration after work is complete.

Financial impact on future years operating budget:

Minimal maintenance would be anticipated initially but increase as the equipment ages. Contributions to capital reserve funds is based on the useful life and anticipated useful life to replace the existing piece of fleet.

Link to asset management plan and strategy:

This project represents a replacement of an existing asset as identified in the asset management plan. The estimated life of this piece of fleet in the asset management plan is 15 years, so the replacement would have been expected in 2019 but the City was able to get almost 19 years from the current truck. The adjustment to the asset management plan will impact future capital planning forecasts and funding strategies will be updated accordingly.

Alignment with Strategic Priorities:

Developing our Resources

Optimizing Stratford's physical assets and digital resources. Planning a sustainable future for Stratford's resources and environment.

Alignment with One Planet Principles:

Sustainable Water

Using water efficiently, protecting local water resources and reducing flooding and drought.

Staff Recommendation: THAT the Tender [T-2023-11] for the Supply and Delivery of One New Sewer / Flusher Combo Unit, be awarded to JD Brule Equipment at a total tender price of \$734,443.50, including HST to improve the efficiency and service level of the Fleet Division while continuing to focus on the reduction of greenhouse gas emissions.

Prepared by:

Recommended by:

Brent Raycraft, Supervisor of Fleet

Taylor Crinklaw, Director of Infrastructure and
Development Services

Joan Thomson, Chief Administrative Officer