

NO: **R199**

COUNCIL DATE: **October 21, 2019**

---

## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **October 17, 2019**

FROM: **Acting General Manager, Engineering**

FILE: **2320-20 (Vacuum  
Truck)**

SUBJECT: **Award of Contract No. 1220-040-2019-054  
Supply of One Compressed Natural Gas Fueled Combination Sewer and Catch  
Basin Cleaner Vacuum Truck**

---

## RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1220-040-2019-054 to Vimar Equipment Ltd. in the amount of \$633,037.44 (including all applicable taxes and levies) for the supply of one compressed natural gas fueled tandem axle combination sewer and catch basin cleaner vacuum truck;
2. Set the expenditure authorization limit for this contract at \$670,000.00 (including contingencies and taxes); and
3. Authorize the General Manager, Engineering to execute Contract No. 1220-040-2019-054.

## INTENT

The purpose of this report is to seek Council approval for staff to purchase one new dedicated compressed natural gas (“CNG”) fueled combination sewer and catch basin cleaner vacuum truck, as identified within this report. The purchase of this truck will add to the City’s growing fleet of CNG vehicles, supporting the City’s Sustainability Charter 2.0 in meeting its Corporate Emissions reduction target of 20% below the baseline standards by 2020.

## DISCUSSION

As part of the approved Capital Replacement and Additions Budget, the Engineering Department has identified the need to replace its 1992 tandem axle combination sewer and catch basin cleaner vacuum truck. This unit is 27 years old and has long surpassed its service life. Current maintenance costs due to frequent repairs the truck has required exceed the acceptable parameters. The replacement of this unit was identified as part of the Fleet Capital Replacement Plan and approved as part of the 2019 Budget.

As part of the City’s specification, the vacuum truck will be delivered complete with a dedicated CNG conversion, meaning the vacuum truck only operates on CNG.

FortisBC offers an incentive program providing funds toward the purchase of CNG fueled vehicles to offset some of the additional cost. The City has applied for this funding from FortisBC through their Natural Gas Incentive Program. Should the City be successful with its application, an incentive payment of approximately \$33,024.50 will be paid to the City.

## QUOTATION RESULTS

In accordance with the Purchasing and Expenditure Authorization Bylaw, a Request for Quotations (“RFQ”) was posted on the BC Bid and City of Surrey websites. The following suppliers submitted quotes:

<b>Supplier</b>	<b>Tendered Amount (including taxes &amp; levies)</b>	<b>Corrected Amount</b>
Vimar Equipment Ltd. (Freightliner)	\$601,424.32	\$633,037.44
Rollins Machinery Ltd. (Freightliner)	\$643,0460.16	No Change
Vimar Equipment Ltd. (Peterbilt)	\$634,823.84	\$666,436.96
Rollins Machinery Ltd. (Peterbilt)	\$691,559.68	No Change

## EVALUATION

An evaluation team involving staff from the Engineering Department and the Finance Department reviewed the quotations for accuracy and completeness. Three suppliers provided two bids each, offering a Freightliner chassis and a Peterbilt chassis. One submission was found to be non-compliant, and as such, was rejected.

It is recommended that Vimar Equipment Ltd. be awarded Contract No. 1220-040-2019-054 for the supply and delivery of one CNG fueled tandem axle combination sewer and catch basin cleaner vacuum truck (Freightliner), as their bid offers the best value to the City.

## SUSTAINABILITY CONSIDERATIONS

The purchase of the CNG fueled tandem axle combination sewer and catch basin cleaner vacuum truck, and associated economic and environmental benefits, supports the objectives of the City’s Sustainability Charter 2.0. In particular, the purchase relates to the Sustainability Charter 2.0 themes of Ecosystems and Infrastructure. Specifically, the purchase supports the following Desired Outcomes (“DO”) and Strategic Direction (“SD”):

- Energy and Climate DO7: Per capita emissions are low, and align with global, national and provincial GHG reduction targets;
- Transportation DO13: Low-emission vehicles predominate and are supported by the necessary fueling infrastructure; and
- All Infrastructure SD1: Proactively manage community assets to maintain them over the long term in a state of good repair.

## FUNDING

Funding for the supply of one CNG fueled tandem axle combination sewer and catch basin cleaner vacuum truck is available from the 2019 Fleet Capital Replacement Program.

Scott Neuman, P.Eng.  
Acting General Manager, Engineering

RK/cc

g:\wp-docs\2019\admin\cr\10041023-rk (vl)2.docx  
CLR 10/17/19 5:10 PM