



City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** October 15, 2021
From: Suzanne Bycraft
Interim Director, Public Works Operations **File:** 10-6370-01/2021-Vol 01
Re: **Award of Contract 6691Q - Supply and Delivery of One (1) Sewer Vacuum Combo Unit on a City Provided Cab and Chassis**

Staff Recommendation

That the acquisition of a hydro excavator be approved in the total amount of \$760,000 as outlined in the staff report titled, "Award of Contract 6691Q - Supply and Delivery of One (1) Sewer Vacuum Combo Unit on a City Provided Cab and Chassis", dated October 13, 2021, from the Interim Director, Public Works Operations as follows:

1. That Contract 6691Q Supply and Delivery of One (1) Sewer Vacuum Combo Unit on a City Provided Cab and Chassis be awarded to Vimar Equipment Ltd. in the total tendered amount of \$473,852.00 excluding outfitting, contingency and taxes; and
2. That the supply of one (1) cab and chassis be awarded to Peterbilt Pacific Ltd. in the amount of \$210,462.00 excluding outfitting, contingency and taxes in accordance with the standardization method approved by Council and as outlined in the staff report titled, "Standardization of City's Single and Tandem Axle Vehicle Fleet", dated April 3, 2017.

Suzanne Bycraft
Interim Director, Public Works Operations
(604-233-3338)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Finance Department Purchasing	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

Contract 6691Q (Supply and Delivery of One (1) Sewer Vacuum Combo Unit on a City Provided Cab and Chassis) was initiated to acquire a hydro excavator to replace an existing unit that has reached the end of its useful life. This is a like-for-like replacement of existing unit 1429, which is being replaced as part of standard replacement cycles due to age and condition.

The purpose of this report is to present the results of the Request for Quotations process and to seek Council approval to award contracts to both Vimar Equipment Ltd. and Peterbilt Pacific Ltd.

This report supports Council’s Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.2 Future-proof and maintain city infrastructure to keep the community safe.

Analysis

Background

Hydro excavation equipment is used to remove fill and other materials as part of maintenance and construction work. A combination flush and vacuum-style process is used. This process reduces the need to excavate with heavy equipment, such as backhoes, thereby minimizing potential for damage to underground utilities and as part of ensuring compliance with regulatory requirements. The process is also safer and quicker. Hydro excavators are used to flush, clean and remove blockages from mainlines, inspection chambers, culverts, manholes, ditches and catch basins. They are used in construction projects to excavate for new installations, repairs and replacements (service connections, fire hydrants, valves, meter boxes, lamp standards, etc.).

Public Tendering

A competitive bid process was undertaken for the supply and delivery of the sewer vacuum combo unit (body component). A procurement document for the above noted work was prepared by staff and posted to BC Bid and bids&tenders on June 11, 2021. One quotation was received from Vimar Equipment Ltd.

Vendor	Tendered Cost (plus Contingency, Outfitting and Taxes)
Vimar Equipment Ltd.	\$473,852.00

Review Process

The only quotation received was from Vimar Equipment Ltd. which met all the City’s specifications and is therefore recommended for award. Staff’s review of previous purchases of similar units indicates that the bid received under this tender process is in line with that which

would otherwise be expected. It is staff’s view that if a new bid process was sought at this time, costs would be considerably higher than the bid received under Contract 6691Q due to supply chain shortages in the current market. Therefore, staff’s view is that the pricing received represents best value for the City. Vimar has also provided high quality products and reliable services to the City in prior dealings.

Cab and Chassis

The sewer vacuum combo unit will be mounted on Peterbilt cab and chassis as part of the previously approved Council standardization for fleet vehicles. This method, approved at the April 24, 2017 Council meeting, establishes the Peterbilt model for all single and tandem axle vehicle replacements. This provides for economies of scale in parts, tooling, maintenance and vehicle operations and has been an effective method to date. Costs for the cab and chassis portion are \$210,462.00 excluding taxes as follows:

- Truck purchase price: \$210,372.00
- Tire levy: \$ 90.00
- Total \$210,462.00

Peterbilt provides a local maintenance facility for parts, repairs, product and technical support, and a warranty center.

Disposal Plan – Existing Unit:

Existing unit 1429 will be disposed of in accordance with Disposal of City Assets Policy No. 2003. Typically, this will be through consignment or auction based on estimates for best value of market conditions once the new unit is ready for commissioning.

Financial Impact

The sewer vacuum combo project requires a total project expenditure of \$760,000.00, inclusive of contingency, outfitting by City forces, taxes and levies as shown in Table 1. This total expenditure is included as part of the 2020 capital project submission “Vehicle and Equipment Reserve Purchases (Public Works and Corporate Fleet)”. Total funding of \$3.32 million was approved by Council and is included in the Consolidated 5 Year Financial Plan (2020-2024).

Table 1: Total Project Expenditure

Item	Cost
Vimar Equipment – Sewer Vacuum Combo Unit	\$473,852.00
Peterbilt – Cab and Chassis	\$210,462.00
Outfitting (City Forces)	\$11,784.00
Contingency Costs	\$16,000.00
Taxes	\$47,902.00
Total	\$760,000.00

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Conclusion

Staff recommend that Contract 6691Q Supply and Delivery of One (1) Sewer Vacuum Combo Unit on a City Provided Cab and Chassis be awarded to Vimar Equipment Ltd. in the total tendered amount of \$473,852.00, excluding outfitting, contingency and taxes. Staff also recommend that a contract for the supply of one (1) cab and chassis be awarded to Peterbilt Pacific Ltd. in the amount of \$210,462.00, excluding outfitting, contingency and taxes. The total projected expenditure is \$760,000 inclusive of ancillary costs.



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