



Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
DATE: June 15, 2017
SUBJECT: Vacuum Truck

Through discussions during the budgeting session for this fiscal year, the replacement of the City's 2008 dual-engine Vactor truck was discussed. It is under a 10-year replacement schedule replacement, advanced by two years to allow for upgrade to tandem unit with additional capacity. This unit serves as frontline for not only jetting sewers but also hydro excavating, potholing for critical JULIE locates and other UG infrastructure.

The current budgeted amount of the upgrade is \$400,000, forecasted with a minimum trade-in of \$77,500 and an accrued MERF replacement budget of \$287,900 leaving a nominal outlay to be split by 75%-12.5%-12.5% (Sewer-Streets-Water) depending on the option selected. See pricing below:

Manufacturer & Model	Vendor	Price	Trade	Total
Vactor 2100+ (Chassis Powered)	COE	\$367,610	\$ 90,000	\$277,610
Vac-Con 1500LXHP (Chassis Powered)	EJ Equipment	\$374,460	\$100,000	\$274,460
Vac-Con 1500LXHP (2 Engine Powered, Diesel & Gas)	EJ Equipment	\$393,374	\$100,000	\$293,374
Vac-Con 1500LXHP (2 Engine Powered, Dual Diesel)	EJ Equipment	\$408,797	\$100,000	\$308,797

Vactor and Vac-Con demonstrated their units to the City in mid-May at various real-world situations directed by staff, i.e. a lift-station drawdown and hydro exaction. While the City has had a longstanding relationship with Vactor, their move to a single engine chassis power was of concern. Vac-Con demonstrated their unit with dual-engine (gas option) and was felt to retain the advantage over the two units.

For comparison purposes, staff also had Vac-Con generate a quote with a single chassis powered option for a better side by side comparison of pricing between the two units. Ultimately however, it is staff's feeling that that the dual engine Vac-Con unit, similar to the 2008 Vactor configuration is the recommended option. As such it is staff's recommendation to engage EJ Equipment for a not to exceed (NTE) purchase amount of **\$293,374** for the Vac-Con 1500LXHP dual engine unit.

This matter has been placed on the City Council consent agenda of Monday, June 19, 2017 for review and approval.

cc: File