



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
DATE: August 4, 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 units 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.

Vactor and Vac-Con demonstrated their units to the City Staff in mid-May and also conducted follow up demonstrations in July with members of the PWC. Dual engine options quoted by both manufacturers are provided below:

Manufacturer & Model	Vendor	Price	Trade	Total
Vactor 2100+ (2 Stage Fan (a \$3600 option), 2 Engine, Dual Diesel - Tier IV Chassis & Tier III Unit)	COE	\$371,210	\$ 90,000	\$281,210
Vac-Con 1500LXHP (3 Stage Fan, 2 Engine Powered, Diesel - Tier IV Chassis & Gas Unit)	EJ Equipment	\$388,374	\$100,000	\$288,374

The Distribution Crew found that the Vac-Con performed better for their needs during the demonstrations. Vac-Con's second demonstration unit was a new unit (only hours our travel to & from the City and on-scene demo) and is being offered to the City at an additional discount of \$5,000 off a new order, price updated in the above summary.

It is staff's recommendation to pursue the Vac-Con at \$288,374.

This matter has been placed on the PWC & City Council agendas of Monday, August 7th, 2017 for review and approval.

cc: File



Presents a Proposal Summary

of the



2100 Plus

Combination dual Engine Sewer Cleaner with 2 stage fan Vacuum System Mounted on a Heavy Duty Truck Chassis

for

City of Washington
301 Walnut St.
Washington, Illinois 61571

Brad Franklin
Tel:

Cab Color - White
Module Paint Color - Red
Module Paint Color Code - L3781EB Viper red

Chassis:

One New 2018 Freightliner FL114SD 6x4 tandem axle chassis
370HP Cummins engine
Allison Automatic transmission
Color: White
(Please see attached truck specification for full chassis details)

Vector module Price.....	\$ 273,992.00
2018 Freightliner FL114 chassis	\$ 97,218.00
Less trade in allowance for city's 2008 Sterling/ Vector \$(90,000.00)	
Subtotal.....	\$ 281,210.00

**Price includes delivery and operator training
Note: License and title to be billed separate.

Price valid for 30 Days from date of 6/30/2017

Product Model: 2100PLUS

P.O. Number: _____

Payment Terms: net

Proposal Notes:

1. Changes or deviations to any unit of a multiple unit order will require a new signed proposal.
2. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by Vector Manufacturing prior to submittal of customer purchase order
3. All prices quoted are in US Dollars unless otherwise noted.

SIGNED BY: _____

Date: _____

E J EQUIPMENT, INC.
PO Box 665 • 6949 N. 3000 E. Rd.
Manteno, IL 60950
PH: (815) 468-0250 • Fax: (815) 468-8055
www.ejequipment.com



Ship To: SAME AS BELOW

Invoice To: CITY OF WASHINGTON
 301 WALNUT
 WASHINGTON IL 61571

Branch 01 - CENTRAL		
Date 05/26/2017	Time 11:42:06 (O)	Page 1
Account No. WASH001	Phone No. 3097453503	Estimate No. 000686
Ship Via		Purchase Order
CRAIG SUHRE		Salesperson S21 / 304

Attention: KEVIN SCHONE

EQUIPMENT ESTIMATE - NOT AN INVOICE

Description ** Q U O T E ** EXPIRY DATE: 06/25/2017 Amount

VAC-CON V312LHA/1300 393374.00

MOUNTED ON A FREIGHTLINER 114SD CHASSIS

PLEASE SEE ATTACHED BUILD SHEET FOR EQUIPMENT SPECS

AVAILABILITY: 90-120 DAY AFTER RECEIPT OF CHASSIS

Trade Ins

=====

VACTOR MODEL 2110J6

Serial #: 08-07V11306

100000.00-

Authorization: _____

Subtotal: 293374.00
 Quote Total: 293374.00

*Less \$5k,
See e-mail.*

PLEASE NOTE: PER MIKE KAUTZ, LIFETIME WARRANTY ON WATER TANKS INCLUDED

OPTIONAL EQUIPMENT, NOT INCLUDED IN ABOVE PRICING

CAMERA, FRONT AND REAR ADD \$2,222.00

JD AUX ENGINE (IN LEAU OF GAS) ADD \$15,423.00

X

Received By

Ed Andrews

From: Kevin Schone
Sent: Wednesday, August 2, 2017 3:59 PM
To: Ed Andrews
Cc: Craig Suhre
Subject: VacCon

Ed,

I spoke with Craig Suhre at EJ Equipment to ask if they could meet Vactor's price and if not what they might be able to do to justify the difference in price to Committee. Craig reached out to the manufacturer to see what could be done and they are willing to knock another \$5000 off the quoted price.

The demo truck that was presented last Wednesday only has the hours and miles on it that was used for that demo and is ready for delivery on issuance of P.O.

Thanks

Kevin Schone
Public Works Manager
City of Washington

P 309-745-3503 x303
F 309-745-5721