



City of Palo Alto
City Council Staff Report

(ID # 8176)

Report Type: Consent Calendar

Meeting Date: 6/27/2017

Summary Title: Contract for Purchase of a Freightliner Sewer Vacuum/Flush Truck

Title: Approval of a Purchase Order With Owen Equipment in the Amount of \$477,330 for the Purchase of a 2017 Freightliner Combination Single Engine Sewer Cleaner and Approve Budget Amendments in the Storm Drain Fund and Vehicle Replacement and Maintenance Fund

From: City Manager

Lead Department: Public Works

Recommendation

Staff recommends that Council:

1. Approve and authorize the City Manager to execute a purchase order with Owen Equipment in the amount of \$477,330 for the purchase of a 2017 Freightliner Combination Single Engine Sewer Cleaner with Positive Displacement Vacuum System Mounted on a Heavy Duty Truck Chassis; and
2. Amend the Fiscal Year 2017 Budget Appropriation Ordinance for
 - a. the Storm Drain Fund by:
 - i. Increasing the transfer to the Vehicle Replacement and Maintenance Fund in the amount of \$127,330; and
 - ii. Decreasing the Rate Stabilization Reserve in the amount of \$127,330; and
 - b. the Vehicle Replacement and Maintenance Fund by:
 - i. Increasing the transfer from the Storm Drain Fund by \$127,330; and
 - ii. Decreasing the ending fund balance of the Vehicle and Equipment Replacement Fund by \$350,000; and
 - iii. Increasing the Scheduled Vehicle and Equipment Replacement

Fiscal Year 2017 project VR-17000 in the amount of \$477,330.

Background

The Vehicle and Equipment Use, Maintenance, and Replacement Policy section 4-1 provides for the on-going replacement of City fleet vehicles and equipment. Replacements are scheduled using guidelines based on age, mileage accumulation and obsolescence. The policy prescribes a replacement interval for trucks with service bodies/dumps of ten years or 100,000 miles.

As part of the budget process vehicles are reviewed to comprise a list for replacement in the next fiscal year. This vehicle was not included in the list for FY18, since all mechanical functions were satisfactory.

Vehicle 4705, a 2004 Peterbilt 330 Combination Vacuum/Flush is over 13 years old, with over 37,000 miles and over 7,400 hours. Life to date costs for operation and maintenance of this vehicle have exceeded \$477,000.

Discussion

Vehicle 4705 is increasingly out of service for repairs, and equipment mechanics have discovered that the engine has started to consume oil at a high rate, and is also leaking oil. In the near future, the engine will inevitably need replacing. The old style vacuum system also has several components showing signs of wear and will need to be rebuilt. The combined costs for such major repairs could easily exceed \$60,000. The new vehicle offered by Owen Equipment has an improved vacuum system, which increases both operator and pedestrian safety.

In accordance with the policy, the Fleet Review Committee reviews all vehicles proposed for replacement and authorized this replacement to be added to the Fiscal Year 2017, VR-17000 Capital Improvement Project on February 15, 2017; it was original scheduled for replacement in FY 2015. Approval was based on:

- An examination of the vehicle's current usage;
- An analysis of the vehicle's operating and replacement costs;
- A comparison of the age, mileage, operating cost and performance of the vehicle with others in the class; and
- An analysis of alternatives to ownership, such as mileage reimbursement; pooling/sharing; the reassignment of another

underutilized vehicle, or renting.

Bid Process

Section 2.30.360 (j) of the Palo Alto Municipal Code identifies the process that allows the use of Intergovernmental Cooperative Purchasing agreements. Bids for this purchase were obtained through the National Joint Purchasing Alliance (NJPA), which is an approved cooperative group. A Request for Quotation was sent to NJPA on March 22, 2017, and a quote was received from National Auto Fleet Group on April 10, 2017 (Attachment A).

Staff recommends that Council approve a purchase order with Owen Equipment for one 2017 Freightliner Combination Single Engine Sewer Cleaner.

Resource Impact

Traditionally, vehicle procurements are pre-funded through annual charges to the department/fund that benefits from the vehicle. A collection of \$350,000 toward the replacement of vehicle 4705 resides in the Vehicle Replacement Fund, leaving a shortfall of \$127,330 for this procurement. This is mainly due to this vehicle originally being scheduled for replacement in Fiscal Year 2015 and no additional funds being collected for its replacement between FY 2015 and FY 2017. Cost increases related to upgraded technology for the vacuum system, new emissions standards, and general inflation have caused the need for the increased transfer from the Storm Drain Fund to fully fund the replacement of this vehicle.

An appropriation of \$477,330 to the Scheduled Vehicle and Equipment Replacement Fiscal Year 2017 CIP project (VR-17000) in the Vehicle Replacement and Maintenance Fund is needed, offset by a transfer of \$127,330 from the Storm Drain Fund and \$350,000 from the Vehicle and Equipment Replacement Fund balance is recommended.

Policy Implications

Authorization of the contract does not represent any change to the existing policy.

Environmental Review

This vehicle will meet the EPA 2017 Emissions standards, and will replace an older vehicle that is currently in operation. Accordingly, this purchase is exempt from

the California Environmental Quality Act (CEQA) under the Section 15061(b)(3) of the CEQA Guidelines.

Attachments:

- Attachment A - Quote



Presents a Proposal Summary



2100 Plus

Combination Single Engine Sewer Cleaner with Positive Displacement Vacuum System Mounted on a Heavy Duty Truck Chassis

For

Pala Alto Drains



NJPA Contact #022014-FSC

www.njpacoop.org

PRODUCT DESCRIPTION

- 2100 PLUS with Roots 824-16" Hg. Blower, 15 Yard Debris body, 1500 Gallons of Fresh Water

STANDARD FEATURES

- 48" x 22" x 24" Curb Side Aluminum Toolbox
- Aluminum Fenders
- Mud Flaps
- Electric/Hydraulic Four Way Boom
- Color Coded Sealed Electrical System
- Remote Pendant Control w/35' Cord
- Vansco-Electronic Package
- Double Acting Dump Hoist Cylinder
- Handgun Assy. w/1/2" x 35' Hose w/Quick Disconnects
- 3" Y-Strainer at Water Pump Inlet
- Ex-Ten Steel Cylindrical Debris Tank
- Flexible Hose Guide
- 30 Deg. Sand Nozzle w/Carbide Inserts
- 30 Deg. Sanitary Nozzle w/Carbide Inserts
- 15 Deg. Penetrator Nozzle w/Carbide Inserts
- Nozzle Storage Rack
- Vacuum Tube Storage: Curbside (2) Pipe, Rear Door (2) Pipe
- 1" Nozzle
- 1" X 10' Leader Hose
- Flat Rear Door w/Hydraulic Locks and Door Power-up/Down, Open/Close Feature
- Dual 10" Stainless Steel Float Shut Off System/Rear Mounted
- Debris Body Vacuum Relief System
- Debris Deflector Plate
- 60" Dump Height
- Water Sight Gauge DS/PS
- Liquid Float Level Indicator
- Boom Transport Post Storage
- 3" Y-Strainer @ Water Pump w/3" Drain Valve
- Performance Package: (Hyd Variable Flow, Dual PTO's. Dual Hyd. Pumps)
- 1" Water Relief Valve for Vactor Water Pump
- Stainless Steel Microstrainer
- Blower Air Shift Controls
- Hydraulic Cooling Package
- Midship Handgun Coupling
- Side Mounted Water Pump
- Hose Wind Guide (Dual Roller)
- Hose Footage Counter - Mechanical
- Hose Reel Manual Hyd. Extend/Retract
- Hose Reel Chain Cover (Full)
- Tachometer/Chassis Engine W/Hourmeter
- Circuit Breakers
- LED Lights. Clearance, Back-Up, Stop, Tail & Turn
- Tow Hooks, Front and Rear
- Electronic Back-Up Alarm
- Hydraulic Tank Shutoff Valves
- 8" Vacuum Pipe Package
- Emergency Flare Kit
- Fire Extinguisher 5 Lbs.
- Water Pump Hour Meter
- PTO Hour Meter

- Vactor 2100 Plus Body Decal - Silver
- Chassis Modifications
- Vactor Manual, Partial Manual and USB Version - 1 + Dealer

ADDITIONAL FEATURES

- 3" Y-Strainer w/25' Fill Hose
- Roots 824-16" Hg. Blower
- 180 Degree Rotation, 10 Ft. Hydraulic Telescoping Boom, Front Loading 8" Suction Hose
- Telescopic Boom Elbow, Hard Hat Style
- 80 GPM Variable Flow Water System
- 2500 PSI Water Pressure
- 1" x 800' Piranha Sewer Hose, 2500 PSI
- Hydraulic Extending/Rotating 15" Hose Reel (1" x 800') Capacity
- Module Paint, Dupont Imron Elite - Sanded Primer Base
- Debris Body Flush Out System
- Debris Body Load Limit Alarm functionally tied to Vacuum Relief
- 6" Butterfly Valve, Rear Door, 3:00 Position
- 6" Knife Valve w/Cam-Loc, Rear Door, 6:00 Position
- Full Rear Door Swinging Screen
- Centrifugal Separators
- Folding Pipe Rack, Curbside
- Folding Pipe Rack, Streetside
- Rear Door Splash Shield
- Lube Manifold
- Plastic Lube Chart
- Continuous Water Tank Fill
- Hot Shift Blower Drive
- Front Joystick Boom Control
- Water Ring Assembly, At Debris Body Inlet
- Wireless Controls, including hose reel controls
- Rotatable Boom Inlet Hose, Telescoping Boom
- Rodder System Accumulator- Jack Hammer on/off control w/ manual valve
- Handgun Couplers, Front and Rear
- Hydro Excavation Kit/Retract Reel w/1/2" X 50' Hose and Nozzle
- Automatic Hose Level Wind Guide, Indexing
- Digital Hose Footage Counter
- Handgun Hose Reel w/Spring Retract
- Rodder Pump Drain Valves
- Rear Mounted Directional Control, Whelen Traffic Advisor, LED, One-Piece, 5' Long
- Hand Light w/Bumper Plug
- Waterproof, Rechargeable, Wireless, Handheld, LED Spot Light w/12V Charger and Plug
- DOT 3 Lighting Package, 6 Whelen Strobe Lights
- Debris Body-Up Alarm
- Worklights (5), LED, Telescoping Boom
- Worklights (2), LED, Rear Door
- Worklight, LED, Operators Station
- Worklight, LED, Hose Reel Manhole
- Worklight, LED, Curb Side
- Worklight, LED, Street Side
- Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/ (2) LED Side Markers
- Toolbox, Behind Cab
- Toolbox, Driver Side Chassis Frame, 24w x 24h x 24d
- Toolbox, Driver Side Subframe, 18w x 24h x 24d
- Camera System, Front, Rear and Both Sides
- Safety Cone Storage Rack - Drop in Style

- Additional Safety Cone Storage Rack - Drop in Style
- Digital Water Pressure Gauge
- 1" x 25' Leader Hose Assembly
- (2) 3" Y-Strainer Screen
- Vactor switches mounted in dash
- Tool Box Lighting
- Toolbox, Alum, 16W x 42H x 96D w/4 slide out trays (2 per side)
- FIVE BOOM WORK LIGHTS
- Mount cone racks behind tandem and in front of rear bumper
- Wheel Chocks and Holder
- Bulldog 80@2500PSI Large
- Bulldog 80@2500PSI Small
- KEG Floor Cleaner 6 Jet with 1" Swivel
- Paint Body Blue
- Tire Fee
- Delivery to City of Palo Alto

Price FOB Palo Alto Ca
Tax @9.0%
Total NJPA Price including Tax

	\$437,917.55
	\$39,412.58
	\$477,330.13

THE PROPERTY HEREIN IS GUARANTEED BY MANUFACTURER'S WARRANTY ONLY AND SELLER MAKES NO WARRANTY EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR OTHERWISE, OR OF FITNESS FOR ANY PARTICULAR PURPOSE, THAT EXTENDS BEYOND THE ABOVE DESCRIPTION OF THE EQUIPMENT.

NOTE: Price is good for 7-31-2017 30 Days. Cost increases due to the addition of Government mandated safety or environmental devices incurred after the date of this proposal, will be charged to you at our cost. Proof of such costs, if any, will be documented.

TAXES: SALES TAX applicable at time of delivery will be shown on our invoice. FEDERAL EXCISE TAXES, if applicable, will require payment unless a properly executed Exemption Certificate is submitted.

DELIVERY: 120-150 ARO **TERMS:** Net 10 or Approved Lease

If you have any questions please give me a call at (916) 947-0986.

Sincerely,

Michael Kennedy

Michael Kennedy
Sales Representative

