



City of San Leandro

Meeting Date: January 21, 2020

Staff Report

File Number: 19-677 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.D.

TO: City Council

FROM: Jeff Kay
City Manager

BY: Debbie Pollart
Public Works Director

FINANCE REVIEW: Liz Warmerdam
Interim Finance Director

TITLE: Staff Report for a City of San Leandro City Council Resolution to Approve and Authorize the City Manager to Execute a Purchase Order with Peterson Trucks, Inc. for a Water Truck at an Amount Not to Exceed \$122,529.02 and to Appropriate \$15,504.02 from the Water Pollution Control Plant Fund to the Vehicle Replacement Fund

SUMMARY AND RECOMMENDATIONS

Staff recommends that the City Council approve and authorize the City Manager to purchase a new International water tank truck to replace an existing water tank truck that is due to go out of service. It will cost \$122,529.02 (sales tax included).

BACKGROUND

The City maintains a rigorous program for keeping the City's sewer system running smoothly. Among other efforts, this program includes regular cleaning of the City-owned sewer lines. The water truck is used to flush the sewer lines using high volumes of water when high-pressure cleaning is not appropriate. In addition, the truck is used at the Water Pollution Control Plant for onsite cleaning and maintenance.

Analysis

City staff uses the water truck for high-volume flushing of sewer lines. This helps control odors and maintains the lines by removing deposits. After blockages are cleared with the high-pressure sewer cleaner, the water truck flushes the remaining deposits downstream. The water truck is also used to refill the sewer cleaner truck in the field, which increases the efficiency of the sewer cleaning crew. In addition, the water truck is used at the Water Pollution Control Plant for cleaning the grounds in locations that do not have water lines and for high-volume flushing of the sewer lift stations.

Sourcwell (formally known as the National Joint Powers Alliance - NJPA) is a municipal contracting agency that creates cooperative contract purchasing solutions on behalf of over 50,000-member entities including government, education and non-profit agencies nationwide. Staff recommends purchasing the water truck from Peterson Trucks, located in San Leandro, because it was the low bidder through the Sourcwell procurement process, under contract number 081716-NVS. Per the attached proposal, the water truck will cost \$122,529.02, including taxes.

Budget Authority

The Equipment Repair and Maintenance Fund - Vehicle Purchasing Account 690-16-002-7510 has \$107,025 earmarked for this purchase. Staff requests an additional appropriation of \$15,504.02 from the Wastewater Pollution Control Plant Fund balance (Fund 593) to the Equipment Repair and Maintenance account 690-16-002-7510 to cover the remaining cost of the truck.

ATTACHMENT

Attachment(s) to Staff Report

- Equipment Quote

PREPARED BY: Justin Jenson, Water Pollution Control Plant Manager
Hayes Morehouse, Water Pollution Control Plant Administrative Analyst II

Prepared For:

City of San Leandro
 Freddy Barajas
 835 E 14th St.
 San Leandro, CA 94577-3782
 (510)577 - 3376
 Reference ID: LL824993

Presented By:

PETERSON TRUCKS, INC
 George Sharpe
 2718 TEAGARDEN STREET
 SAN LEANDRO CA 94577 -
 (510)618-5550

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2020 MV607 SBA (MV607)

AXLE CONFIG: 4X2
MISSION: Requested GVWR: 26000. Calc. GVWR: 25999
 Calc. Start / Grade Ability: 0.00% / 0.00% @ 0 MPH
DIMENSION: Wheelbase: 152.00, CA: 84.90, Axle to Frame: 93.00
ENGINE, DIESEL: {Cummins B6.7 240} EPA 2017, 240HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 240 Peak HP (Max)
TRANSMISSION, AUTOMATIC: {Allison 2500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max
CLUTCH: Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING: {Navistar Select} I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE: {Navistar Select} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends Gear Ratio: 6.50
CAB: Conventional, Day Cab
TIRE, FRONT: (2) 11R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 496 rev/mile, 75 MPH, All-Position
TIRE, REAR: (4) 11R22.5 Load Range G G572 1AD (GOODYEAR), 496 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE: 20,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
PAINT: Cab schematic 100WP
 Location 1: 9219, Winter White (Std)
 Chassis schematic N/A

Description

Base Chassis, Model MV607 SBA with 152.00 Wheelbase, 84.90 CA, and 93.00 Axle to Frame.

AXLE CONFIGURATION {Navistar} 4x2

ENGINE, DIESEL {Cummins B6.7 240} EPA 2017, 240HP @ 2400 RPM, 560 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 240 Peak HP (Max)

RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 717 SqIn Louvered, with 313 SqIn Charge Air Cooler. with In-Tank Transmission Cooler

FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed

AIR CLEANER with Service Protection Element

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; with Ignition Switch Control for Cummins ISB/B6.7 or ISL/L9 Engines

FEDERAL EMISSIONS {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2019

OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

VENDOR WARRANTY, ENGINE {Cummins} B6.7 Engine, 3-Year Unlimited Miles Standard Warranty

TRANSMISSION, AUTOMATIC {Allison 2500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, with 33,000-lb GVW and GCW Max

PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission

SHIFT CONTROL PARAMETERS Allison 1000 or 2000 Series Transmissions, 5th Generation Controls, Performance Programming

TRANSMISSION OIL Synthetic; 20 thru 28 Pints

TRANSMISSION SHIFT CONTROL T-Handle Type

WIRING, TRANSMISSION Installed Wiring for Transmission/PTO Controls, for Allison 1000, 2000, 2100, 2200, 2400, 2500 Series Transmission

CLUTCH Omit Item (Clutch & Control)

AXLE, REAR, SINGLE {Navistar Select} Single Reduction, 21,000-lb Capacity, 190 Wheel Ends . Gear Ratio: 6.50

SUSPENSION, REAR, SINGLE 20,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs

AXLE, FRONT NON-DRIVING {Navistar Select} I-Beam Type, 12,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers

CAB Conventional, Day Cab

ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab

AIR CONDITIONER with Integral Heater and Defroster

ARM REST, RIGHT, DRIVER SEAT

CAB INTERIOR TRIM Classic, for Day Cab

CAB REAR SUSPENSION Air Suspension, for Mid Cab Height

CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator

Description

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood

GAUGE CLUSTER Premium Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 5 Inch LCD Color Display

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

HOSE CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type

INSTRUMENT PANEL Flat Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Black Heads and Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width

SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Angle Adjust, Dual Shocks

SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.375" x 3.705" x 0.438" (263.5mm x 94.1mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Contoured, Steel

CROSSMEMBER, REAR, AF (1)

TOW HOOK, FRONT (2) Frame Mounted

LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper

WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel) with Automatic Traction Control

BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. Long Stroke Brake Chambers

BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn

DUST SHIELDS, FRONT BRAKE for Air Brakes

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 Spring Brake

BRAKE CHAMBERS, SPRING Relocated To Rear Of Rear Axle For Maximum Ground Clearance

DUST SHIELDS, REAR BRAKE for Air Brakes

AIR COMPRESSOR {Cummins} 18.7 CFM

AIR DRYER {Bendix AD-IP} with Heater

AIR DRYER LOCATION Mounted Outside Right Rail, Forward of Front Wheel

AIR TANK LOCATION (2) : One Mounted Under Each Frame Rail, Front of Rear Suspension, Parallel to Rail

DRAIN VALVE {Berg} with Pull Chain, for Air Tank

STEERING GEAR {Sheppard M100} Power

STEERING COLUMN Tilting

STEERING WHEEL 4-Spoke; 18" Dia., Black

Description

EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

AFTERTREATMENT COVER Steel, Black

EXHAUST HEIGHT 8' 10"

MUFFLER/TAIL PIPE GUARD (1) Aluminum

TAIL PIPE (1) Turnback Type

SUBSTITUTE BILL OF MATERIAL Inmagusa Frame Rails ILO Metalsa Frame Rails

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

ALTERNATOR {Leece-Neville AVI160P2013} Brush Type; 12 Volt 160 Amp. Capacity, Pad Mount, with Remote Sense

BACK-UP ALARM Electric, 102 dBA

BATTERY BOX Steel, with Aluminum Cover, 14" Wide, 2-3 Battery Capacity, Mounted Left Side Under Cab

BATTERY SYSTEM {Fleetrite} Maintenance-Free, (2) 12-Volt 1900CCA Total, Top Threaded Stud

BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

CIGAR LIGHTER Includes Ash Cup

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

HEADLIGHTS Halogen, Composite Aero Design, with Daytime Running Lights

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

HORN, AIR Black, Single Trumpet, with Lanyard Pull Cord

HORN, ELECTRIC Disc Style

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

POWER SOURCE Cigar Type Receptacle without Plug and Cord

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input, MP3, Apple Device Play & Control

SOLENOID, AIR for Customer Use; Provides (6) Normally Open Pilot Air Source, Approx. 4 CFM; Includes Latched Switch in Cab; Air Exhausted Only with Key in "Ignition" or "Accessory" position; Air Will be Supplied with Key in "Off" Position

SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

USB PORT (1) Located in the Instrument Panel

FRONT END Tilting, Fiberglass, with Three Piece Construction

BUG SCREEN Mounted Behind Grille

GRILLE Chrome

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

Description

KEYS - ALL ALIKE Fleet - Includes Ignition and Cab Door Keys

KEYS - ALL ALIKE, ID I-1624 Compatible with Z-250

LABEL, DEF "DEF ONLY"

PAINT SCHEMATIC, PT-1 Single Color, Design 100

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

SPECIAL RATING, GVWR Limited to 25,999-lb GVWR

FUEL TANK Top Draw, Non-Polished Aluminum, 24" Dia, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 5 US Gal (19L) Capacity, Frame Mounted Outside Left Rail, Under Cab

FUEL/WATER SEPARATOR 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor, Cummins Supplied on Engine

WHEELS, FRONT {Maxion 90541} DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

(2) TIRE, FRONT 11R22.5 Load Range H ENDURANCE RSA (GOODYEAR), 496 rev/mile, 75 MPH, All-Position

WHEELS, REAR {Accuride 28828} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and with Steel Hubs

(4) TIRE, REAR 11R22.5 Load Range G G572 1AD (GOODYEAR), 496 rev/mile, 75 MPH, Drive

PAINT IDENTITY, FRONT WHEELS Disc Front Wheels; with Vendor Applied White Powder Coat Paint

WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil

WHEEL SEALS, FRONT {International} Oil-Lubricated Wheel Bearings

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches

BDY INTG, PTO ACCOMMODATION for Electric over Hydraulic PTO, Does Not Include Solenoids, with Latched Switch Mounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module input & 1 output)

BDY INTG, RPM I/O HARNESS Includes a Harness with Six Input Blunt Cut Wires and Six Output Blunt Cut Wires, for use with one RPM

Services Section:

WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A

Enoven Water Body

| <u>Description</u> | <u>(US DOLLAR)</u> | <u>Price</u> |
|--------------------|--------------------|--------------|
| Net Sales Price: | | \$111,163.26 |

Price does not include any applicable taxes or license fees. Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

Water Tank: Enoven EWT-2000SR5

- Tank shell, baffle, and bulkhead are 3/16" A36 steel
- 1/4" A36 Steel sub frame with rubber tank cushion
- One anti-surge baffle with solid 3/4" rod through center of tank
- 24" X 24" manway in top center of tank with ladder mounted at rear of tank
- 2-1/2" rear hydrant fill pipe with check valve
- Fenders, light brackets, and wiring conduit with all LED lighting
- Plastic front splash guards and "ENOVEN" Mud Flaps
- Rear push bumper, no storage compartment
- Exterior Tank Painted White
- Airshift PTO wired to OEM dash switch with driveline driven 4" X 3" water pump mounted to driver side frame rail
- Front and rear spray bars with air water valves and deflectors
- 4" X 4" water manifold located at front driver side of tank with air water valve and deflector, 1-1/2" ball valve, and 3/4" hose spigot
- Controls for valves wired to OEM dash switches
- OPTION: Drafting System and Suction Hose Storage
- Drafting system to include 30gal water reservoir built into tank to charge suction system
- Valves and fitting on driver side
- 6" tubes in fenders for storage of hose
- OPTION: Push Bumper Storage Box
- Storage compartment with hinged lid built into end of frame rails
- OPTION: Passenger Side Air Spray Valve
- Located at front passenger side of tank with air water valve and deflector controlled from OEM dash switch
- OPTION: Manual Hose Reel
- Manual Hose Reel with 50' X 1-1/2" Hose and adjustable spray nozzle mounted to rear of tank
- OPTION: Additional Water Level Sight Tube
- Additional sight tube added to front driver side of tank

MODIFY THE REAR HYDRANT FILL ON AN EXISTING EWT-2000.

- Remove hydrant fill check valve and install additional black pipe to include "T" for meter fill line, relocated hydrant fill valve, and vertical fire hose line with shutoff valve
- Provide brackets under passenger side fender for meter storage
- Black pipe and meter holder painted White
- ***DOES NOT INCLUDE METER LINER OR FIRE HOSE***

Water Hose Reel

- 5/8" X 35' spring rewind hose reel mounted to frame rail brackets on passenger side. Water connected to cross tank manifold level sight tube at rear center of tank

Accessories: Lighting

- Install Whelen L31 beacon lamp on top rear of tank wired to dash switch
- Install (4) Whelen Par-36 LED flood lamps, (1) per corner wired to dash switch
- Install Whelen TANF85 traffic advisor on rear of tank with controller mounted in cab
- All electrical wiring to be installed in steel conduit welded to tank
- All areas on tank effected by welding to be repainted to match original paint

Accessories: Camera System

- Rear View Systems RVS-4CAM-A-01
- Wireless system
- 7" monitor bolted to face of dash on monitor mount (RVS-1417)

- Infrared wireless camera mounted at top of ladder

Accessories: Height Placard
Install overall height decal in cab in plain view of operator
PROVIDE AND INSTALL WEATHERGUARD CENTER CONSOLE
(P/N 9012-3-01).

| | |
|----------------------------|--------------|
| Chassis List | \$91,293.00 |
| Options List | \$19,925.00 |
| Total | \$111,218.00 |
| Discount | 31.3% |
| | \$34,811.23 |
| Net Chassis | \$76,406.77 |
| NJPA Partner Body | |
| Body | \$21,752.00 |
| Additional Post Build Work | |
| Prep | \$300.00 |
| Detail | \$500.00 |
| Manuals | \$900.00 |
| Air Seat | \$1,529.49 |
| Water system mods | \$9,775.00 |
| Total Customer Price | \$111,163.26 |
| Additional Freight | \$350.00 |
| Tire Tax | \$10.50 |
| Doc Fee | \$85.00 |
| DMV Electronic Filing | \$35.00 |
| Sub Total | \$111,643.76 |
| Sales Tax 9.75% | \$10,885.27 |
| Total | \$122,529.02 |

The 31.3% discount listed above is per Sourcewell/NJPA Contract 081716-NVS

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

PETERSON TRUCKS, INC
2718 TEAGARDEN STREET
SAN LEANDRO CA 94577 -
(510)618-5550

**This proposal is not binding upon the seller without
Seller's Authorized Signature**

Official Title and Date

**The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating
and reporting/paying appropriate FET to the IRS.**

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.



City of San Leandro

Meeting Date: January 21, 2020

Resolution - Council

File Number: 19-678

Agenda Section: CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Jeff Kay
City Manager

BY: Debbie Pollart
Public Works Director

FINANCE REVIEW: Liz Warmerdam
Interim Finance Director

TITLE: RESOLUTION of the City of San Leandro City Council to Approve and Authorize the City Manager to Execute a Sole Source Purchase with Peterson Trucks, Inc for a Water Tank Truck for an Amount Not to Exceed \$122,529.02 and to Appropriate \$15,504.02 from the Water Pollution Control Plant Fund to the Equipment Maintenance Fund

WHEREAS, a purchase estimate was presented to this City Council; and

WHEREAS, the City Council is familiar with the contents thereof; and

WHEREAS, the City Manager recommends the purchase of such equipment; and

WHEREAS, the equipment replacement funds in the amount of \$107,025 are budgeted and available in the Equipment Maintenance Fund - Vehicle Purchase Account 690-16-002-7510 to pay for the water truck.

NOW, THEREFORE, the City Council of the City of San Leandro does **RESOLVE** as follows:

1. That said purchase estimate of \$122,529.02 substantially in the form presented is hereby approved and purchase of the equipment by the City Manager is hereby authorized; and
2. That for Fiscal Year 2019-20 an additional appropriation of funds shall be made from the Water Pollution Control Plant Fund balance in the amount of \$15,504.02 to account 690-16-002-7510.