



TO: Transportation & Infrastructure Committee
FROM: Hari Ponnekanti, Public Works Director
BY: Garron Herdt, Fleet Superintendent
CC: Mayor Allan Ekberg
DATE: February 5, 2021
**SUBJECT: Fleet Purchase Replacement
Surface Water Vactor Unit 2326**

ISSUE

Approve the purchase of the replacement Vactor truck that was included in the 2019/2020 Budget and inadvertently left out of the 2021/2022 Budget as a carryover item.

BACKGROUND

The 2009 Vactor Unit 2311 used solely by the Surface Water Department was scheduled for replacement in 2020. Factors such as Fleet staffing, department and vendor specifications, meeting availability, and COVID-19 ramifications caused significant delay to the purchasing process. The replacement Vactor was not purchased as budgeted in 2020. During the 2021/2022 budget process, this approved expenditure was inadvertently not included in the 2021 carryover notice to Finance.

ANALYSIS

The 2009 Vactor Unit 2311 has reached its 10-year replacement period and costs for repair are increasing. The unit should be replaced for continued timely and efficient maintenance. Funds were allocated for in the 2019-2020 Budget and an amendment is being requested in order to purchase the replacement in 2021.

FISCAL IMPACT

The Fleet Replacement Program allotted \$593,000 in the 501-fund balance for the replacement of Vactor Unit 2311 with a new Vactor Unit 2326. The 2019/2020 Biennial Budget had \$600,000 budgeted. The current cost of the final version of the Surface Water Vactor truck is \$540,500.

RECOMMENDATION

Council is being asked to approve the purchase of Vactor Unit 2326 for \$540,500 using 501 Fleet Replacement funding in the Surface Water fund that will be included in the annual budget amendment process for 2021/2022 and consider this item on the Consent Agenda at the February 22, 2021 Special Meeting.

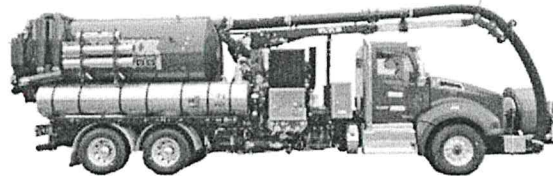
Attachments: Proposal Summary
2019/2020 Biennial Budget
Purchase Order



FINAL

Owen Equipment Presents a Proposal Summary

of the



2100i Plus

Combination Single Engine Dual Stage Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Freightliner 114SD Tandem Rear Axle Truck Chassis

for

**Garron Herdt
City of Tukwila
14000 Interurban Ave. South
Tukwila, WA 98168**

List Summary

Order Qty	Part Number	Description	List Price
1	2110-SE2-PLUS	2100i Single Engine Fan, Dual Stage, 10 yrd Debris, Combo	\$250,663.00
1	2018P	Additional Water, 1500 Gal Total (10 yrd)	\$4,111.00
1	3002PSTD	Vacuum, Single Engine - Dual Stage Fan	\$0.00
1	5002PA	80 GPM/2500 PSI	\$0.00
1	009PSTD	Control Panel Box	\$0.00
1	011PSTD	Aluminum Fenders	\$0.00
1	012PSTD	Mud Flaps	\$0.00
1	014PSTD	Electric/Hydraulic Four Way Boom	\$0.00
1	016PSTD	Color Coded Sealed Electrical System	\$0.00
1	019PASTD	Intuitouch Electronic Package	\$0.00
1	020PSTD	Double Acting Hoist Cylinder	\$0.00
1	025PSTD	Handgun Assembly w/35' x 1/2" Hose w/Quick Disconnects	\$0.00
1	026PSTD	Ex-Ten Steel Cylindrical Debris Tank	\$0.00
1	030PSTD	Flexible Hose Guide	\$0.00
1	032PSTD	(3) Nozzles with Carbide Inserts w/Rack	\$0.00
1	045PSTD	Suction Tube Storage - 4 Pipe	\$0.00
1	046PSTD	1" Nozzle Pipe	\$0.00
1	1001PSTD	Flat Rear Door w/Hydraulic Locks	\$0.00
1	1005PSTD	Dual Stainless Steel Float Shut Off System	\$0.00
1	1024PSTD	Debris Body Vacuum Relief System	\$0.00
1	1031PSTD	Debris Deflector Plate	\$0.00
1	1033PSTD	60" Dump Height	\$0.00
1	2001PSTD	Low Water Alarm with Water Pump Flow Indicator	\$0.00
1	2011PSTD	3" Y-Strainer at Passenger Side Fill	\$0.00
1	2022PSTD	Additional Water Tank Sight Gauge	\$0.00
1	2023PSTD	Liquid Float Level Indicator	\$0.00
1	3019PSTD	Digital Water Pressure Gauge	\$0.00
1	4006PSTD	Joystick Boom Control	\$0.00
1	4010PSTD	Boom Hose Storage, Post for 10 x 15 RDB	\$0.00
1	5010PSTD	Rodder System Accumulator - Jack Hammer on/off Control w/ manual valve	\$0.00
1	5011PSTD	3" Y-Strainer @ Water Pump	\$0.00
1	5012PSTD	Performance Package	\$0.00
1	5014PSTD	1" Water Relief Valve	\$0.00
1	5015PSTD	Midship High Pressure Coupling	\$0.00
1	5022PSTD	Side Mounted Water Pump	\$0.00
1	6005PDSTD	Digital Hose Footage Counter	\$0.00
1	6007PSTD	Hose Reel Manual Hyd Extend/Retract	\$0.00
1	6009PSTD	Hose Reel Chain Cover	\$0.00
1	6020PBSTD	Hydraulic Extending 15", Rotating Hose Reel, 1" x 800' Capacity	\$0.00
1	6017PSTD	Hydraulic Tank Shutoff Valves	\$0.00
1	7001PSTD	Tachometer/Chassis Engine w/Hourmeter	\$0.00
1	7003PSTD	Water Pump Hour Meter	\$0.00

1	7004PSTD	PTO Hour Meter	\$0.00
1	7005PSTD	Hydraulic Oil Temp Alarm	\$0.00
1	8000PSTD	Circuit Breakers	\$0.00
1	8025PSTD	LED Lights, Clearance, Back-up, Stop, Tail & Turn	\$0.00
1	9002PSTD	Tow Hooks, Front	\$0.00
1	9002PSTD	Tow Hooks, Rear	\$0.00
1	9003PSTD	Electronic Back-Up Alarm	\$0.00
1	S390BSTD	7" Vacuum Pipe Package	\$0.00
1	S560STD	Emergency Flare Kit	\$0.00
1	S590STD	Fire Extinguisher 5 Lbs.	\$0.00
1	1003P	Debris Body Washout	\$1,546.00
1	1003PB	Rear Door Valve Flushout	\$423.00
1	1004PB	Onboard Electronic/Digital Scale system with Vacuum Relief	\$12,692.00
1	1007P	6" Rear Door Butterfly Valve, 3:00 position	\$824.00
1	1007PA	6" Rear Door Butterfly Valve w/Port & Fixed Basket Screen, 6:00 position	\$1,051.00
1	1009PD	Full Rear Door Swinging Screen	\$788.00
1	1014P	Centrifugal Separators (Cyclones)	\$5,405.00
1	1015PHA	Folding Pipe Rack, Curbside, Hydraulic, 7" Pipe	\$2,004.00
1	1015PAJ	Folding Pipe Rack, Streetside, Hydraulic, 7" Pipe	\$2,004.00
1	1015PBKSTD	Fixed Rear Door Pipe Rack, 7" Pipe	\$0.00
1	1022P	Rear Door Splash Shield	\$1,574.00
1	1023P	Lube Manifold	\$2,337.00
1	1023PA	Plastic Lube Chart, included with Lube Manifold	\$0.00
1	1026P	Debris Body Vibrator, Electric	\$2,750.00
1	2004P	Continuous Water Tank Fill	\$1,761.00
1	2006P	Air Purge	\$1,324.00
1	2021P	3" Y-Strainer at Driver Side Fill	\$737.00
1	3013PB	Vacuum, Vac on the Go for the Single Engine Fan	\$33,307.00
1	4009PSTD	Water Ring Assembly, At Hose End	\$0.00
1	3020P	Digital Water Level Indicator	\$688.00
1	4016P	180 deg. 10' x 15' Rapid Deployment Boom	\$22,089.00
1	4011PB	Bellypack Wireless Controls with hose reel controls, 2-way communications, and LCD Display	\$3,184.00
1	4013PB	Rotatable Boom Inlet Hose, 10 x 15 RDB	\$579.00
1	5015P	High Pressure Couplers, Front and Rear	\$617.00
1	5021PC	Hydro Excavation Kit - Includes Lances, Nozzles, Storage Tray, and Vacuum Tubes	\$3,936.00
1	5023P	Fan Flushout System	\$510.00
1	6002PB	600' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD	\$927.00
1	6004PB	Hose Wind Guide (Dual Roller), Auto, Indexing with Pinch Roller	\$5,209.00
1	6014PA	2 High Pressured Hose Reels	\$2,875.00
1	6019P	Rodder Pump Drain Valves	\$500.00
1	6026P	Washington State DOT Legal Front Hose Reel	\$0.00
1	6027PA	25' Leader Hose (in lieu of standard)	\$555.00
1	6031P	Front Hose Reel Storage	\$300.00
1	8001PB	Rear Directional Control, Signal Master LED Arrow Stick, 8 Lights	\$2,062.00

1	8008P	Brackets and Wiring for Customer Installed Strobe/Revolving Light, Rear	\$428.00
1	8020PL	14 Light Package, 14 Federal Signal Strobe Lights, LED	\$3,295.00
1	8027P	LED Mid-Ship Turn Signals	\$545.00
1	8028P	Worklights (2), LED, 10 x 15 RDB	\$805.00
1	8029P	Worklights (2), LED, Rear Door	\$654.00
1	8029PA	Worklight, LED, Operators Station	\$657.00
1	8029PB	Worklight, LED, Hose Reel Manhole	\$657.00
1	8029PC	Worklight, LED, Curb Side	\$328.00
1	8029PD	Worklight, LED, Street Side	\$328.00
1	8030P	Hose Reel Wrapped for Delivery	\$0.00
1	9021PB	Camera System, Front, Rear and Both Sides	\$1,213.00
1	9023PA	Safety Cone Storage Rack - Post Style	\$165.00
1	9023PC	Additional Safety Cone Storage Rack - Post Style	\$165.00
1	9070PB	Long Handle Tool Storage	\$352.00
1	9071PE	Toolbox, Behind Cab - 16w 30h x 96d	\$3,185.00
1	9072PB	Toolbox, Driver Side Chassis Frame, 24w x 24h x 24d	\$1,612.00
1	9075PC	Toolbox, Driver Side Subframe, 36w x 20h x 12d	\$1,333.00
1	P112STD	Module Paint, DuPont Imron Elite - Sanded Primer Base	\$0.00
1	P124STD	Vactor 2100i Body Decal, Standard	\$0.00
1	LOGO-APPL.	Vactor/Guzzler Logos - Applied	\$0.00
2	500655B-30	2 Total Vactor Standard Manuals and USB Version	\$150.00
2	500655-30	2 Total Printed Full Vactor Manuals	\$300.00
1	Chassis- Mod	Chassis Modifications Charges	\$1,250.00
1	EW-V2-NA-5PL	Extended Factory Warranty - 5Yrs	\$13,889.00

Factory Price: \$400,643.00

Sourcewell Discount: (\$12,019.29)

Vactor Body Total: \$388,623.71

Open Market Items

High Pressure Hose Reel mounted on right front bumper behind boom post facing curb, second High Pressure Reel mounted mid ship curbside.....N/C
 VR8035 Invertor 110V, 3000 Watt, GFI Electrical Outlet with outlet in cab between seats.....\$3,296.00
 KEG Rambo Penetrating Nozzle Part # 100068-C for 8"+ pipes.....\$1,161.22
 Warthog Magnum Nozzle for 8'-36" pipes Part # WGR-PKG.....\$3,005.00
 KEG Super Cutter Plus 150 Part # 200242-C.....\$6,451.05
 KEG Super Cutter Expansion Kit Part# 200903-C.....\$2,007.99
Freightliner 114SD Tandem Rear Axle, Dual Air Ride Seats, Heated Power Mirrors.....\$124,212.00
Freightliner Upgrades Cummins X12 430HP Engine, Allison 4000RDS, Aluminum Wheels, Power Windows, Power Door Locks, Wiring for CB Radio, Two Switches in Dash for Accessories.....\$5,580.00
Deliver to City of Tukwila, WA Public Works: \$4,600.00

Trade in Vactor Model 2100 Fan S/N: 08-12V-11520: (\$50,000.00)

Sub Total: \$488,936.97

Kent Sales Tax 10.4%: \$50,849.44

Total: \$539,786.41

Price valid for 60 Days from date of 1/6/2021

PROPOSAL DATE: 1/06/2021
QUOTE NUMBER: 2020-38026
Price List Date: 7/1/2019
PO NUMBER:

QTY: _____ Customer Initials: _____

PAYMENT TERMS:

PROPOSAL NOTES:

1. Multiple unit orders will be identical to signed proposal. Changes or deviations to any unit of a multiple unit order will requires a new signed proposal.
2. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by Vactor Manufacturing prior to submittal of customer purchase order
3. All prices quoted are in US Dollars unless otherwise noted.
4. This proposal incorporates, and is subject to, Vactor Manufacturing's standard terms and conditions attached hereto and made a part hereof.

SIGNED BY:

_____ Date: _____

LIMITED WARRANTY

Limited Warranty. Each machine manufactured by VACTOR MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating, maintenance and safety instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

2100 Series, HXX Series and Jetters

10 years against water tank leakage due to corrosion. nonMetallic water tanks are covered for 5 yrs against any factory defect in material or workmanship.

2100 Series, HXX Series and Guzzler only

5 years against leakage of debris tank, centrifugal compressor or housing due to rust-through.

2100 Series and Jetters

2 years - Vactor Rodder Pump

Exclusive Remedy. Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Company's authorized dealer's or distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks and truck chassis, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended or not in accordance with operating, maintenance or safety instructions by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT PERMITTED, CONFERRED BY STATUTE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY AGAINST FAILURE OF ITS ESSENTIAL PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action. The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



VACTOR MANUFACTURING
1621 S. Illinois Street
Streator, IL 61364



TERMS AND CONDITIONS

ORDERS: All orders are subject to acceptance by Vactor Manufacturing, Inc. or Guzzler Manufacturing, Inc. (hereafter referred to as Vactor). Orders for products not normally carried in stock or requiring special engineering or manufacturing is in every case subject to approval by Vactor's Management.

PRICES: All orders are subject to current prices in effect at the time of order acknowledgment

F.O.B. POINT: Unless otherwise stated, all prices listed are F.O.B. factory.

PAYMENT TERMS: The company's payment terms are due upon receipt, unless otherwise stated. However, until such time as Vactor receives full payment, Vactor shall maintain a purchase money security interest in the product.

CANCELLATION: Orders cannot be cancelled except upon terms that will compensate Vactor for any loss or damage sustained. Such loss will be a minimum of 10% of the purchase price.

SHIPMENT: All proposals are based on continuous and uninterrupted delivery of the order upon completion, unless specifications distinctly state otherwise. In the event that agreement is reached for Vactor to store completed items, they will be immediately invoiced to the customer and become due and payable. Storage shall be at the risk of the customer and Vactor shall be liable only for ordinary care of the property.

STORAGE CHARGES: Vactor shall charge the customer at current rates for handling and storing customer's property (e.g. truck chassis) held for more than thirty (30) days after notification of availability for shipment. All customer's property, or third party's property, that is stored by Vactor is at the customer's or other party's risk. Vactor is not liable for any loss or damage thereto caused by fire, water, corrosion, theft, negligence, or any cause beyond its reasonable control.

PERFORMANCE: Vactor shall not be liable for failure to complete the contract in accordance with its terms if failure is due to wars, strikes, fires, floods, accidents, delays in transportation or other causes beyond its reasonable control.

EXPERIMENTAL WORK: Work performed at customer's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at current rates.

SKETCHES, ENGINEERING DRAWINGS, MODELS and all preparatory work created or furnished by Vactor, shall remain its exclusive property; and no use of same shall be made nor may ideas obtained therefrom be used except with the consent of and on terms acceptable to Vactor.

TAXES: Buyer's final cost shall include all applicable sales and use taxes, including all sales and use taxes attributable to any changes made to Buyer's initial order placed hereunder or to

any changes to applicable sales and use tax laws. However, Vactor Manufacturing, Inc. shall be responsible for Federal Excise Tax (F.E.T.) unless it is separately stated on the invoice and added to the selling price. If F.E.T. is not separately stated on the invoice it has not been included in the price and Vactor will pay any F.E.T. due itself and bear the cost of the tax. Any refunds or adjustments to F.E.T. in such cases belong to Vactor.

PRODUCT IMPROVEMENT: Vactor reserves the right to change manufacturing specifications and procedure in accordance with its product improvement policy.

MOUNTING PRICES: Mounting prices assume normal factory installation on a truck chassis suitable for the unit purchased. Relocation of batteries, fuel tanks, mufflers, air tanks, etc. will be an additional charge, billed at the standard factory labor rate.

WARRANTY: Vactor warrants its products to be free from defects in material and workmanship for a period of 12 months, subject to the limitations and conditions set forth in its current published warranty. Other than those expressly stated herein. THERE ARE NOT OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED, AND SPECIFICALLY EXCLUDED BUT NOT BY WAY OF LIMITATION, ARE THE IMPLIED WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE AND MERCHANTABILITY.

IT IS UNDERSTOOD AND AGREE THE VACTOR'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY THE PURCHASER AND UNDER NO CIRCUMSTANCES SHALL VACTOR BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE PRICES STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING VACTOR'S LIABILITY. NO ACTION REGARDLESS OF FORM, ARISING OUT OF THE TRANSACTION OF THE AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS OCCURRED.

VACTOR'S MAXIMUM LIABILITY SHALL NOT EXCEED AND BUYER'S REMEDY IS LIMITED TO EITHER (I) REPAIR OR REPLACEMENT OF THE DEFECTIVE PART OF PRODUCT, OR AT VACTOR'S OPTION (II) RETURN OF THE PRODUCT AND REFUND OF THE PURCHASE PRICE AND SUCH REMEDY SHALL BE BUYER'S ENTIRE AND EXCLUSIVE REMEDY.

CHOICE OF LAW: These terms and conditions shall be construed according to the laws of the State of Illinois. Failure at anytime by Vactor to exercise any of its rights under this

TERMS AND CONDITIONS

agreement shall not constitute a waiver-thereof nor prejudice Vactor's right to enforce it thereafter.

COMPLETE AGREEMENT: These terms and conditions, contain the complete and final agreement between the parties hereto and no other agreement in any way modifying any of these terms and conditions will be binding on Vactor unless in writing and agreed to by an authorized representative of Vactor. All proposed terms included in Buyer's purchase order or other standard contracting documents are expressly rejected.

I agree with the above terms and conditions:

Date: _____

Prepared for:
 2022 PSFT430A X12 TUKWILA
 VACTOR MANUFACTURING
 PSFT430A 2022
 1621 SOUTH ILLINOIS ST
 STREATOR, IL 61364
 Phone: 815 672 3171

Prepared by:
 Bob Jensen
 TRANSSHICAGO TRUCK GROUP
 776 N. YORK ROAD
 ELMHURST, IL 60126
 Phone: 630-279-0600 ext.631

S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-20D	SD PRL-20D (EFF:04/30/19)			N/C
Data Version				
DRL-043	SPECPRO21 DATA RELEASE VER 043			N/C
Vehicle Configuration				
001-177	114SD CONVENTIONAL CHASSIS	7,934	6,476	\$154,920.00
004-222	2022 MODEL YEAR SPECIFIED			N/C
002-003	SET FORWARD AXLE - TRUCK			STD
019-002	STRAIGHT TRUCK PROVISION			STD
003-001	LH PRIMARY STEERING LOCATION			STD
General Service				
AA1-002	TRUCK CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-002	LIQUID BULK COMMODITY			N/C
AA5-006	TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS SPENT ON NON-PAVED ROADS			N/C
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-003	MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			N/C
995-1AE	FREIGHTLINER LEVEL II WARRANTY			N/C
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs			



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Data Code	Description	Weight Front	Weight Rear	Retail Price
Truck Service				
AA3-034	SEWER/INDUSTRIAL VACUUM BODY			N/C
A88-99D	EXPECTED TRUCK BODY LENGTH : 0.0 ft			
AE2-99D	EXPECTED TRUCK BODY WIDTH : 96.0 in			
A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 3.0 in			
AF3-1DN	VACTOR			N/C
Engine				
101-26G	CUM X12 430V HP @ 1900 RPM, 1550 LB-FT @ 1000 RPM, 2000 GOV RPM, VOC	-390	-45	\$2,270.00
Electronic Parameters				
79A-069	69 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79K-005	PTO MODE ENGINE RPM LIMIT - 900 RPM			N/C
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
79P-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM			N/C
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY			N/C
79W-001	ONE REMOTE PTO SPEED			N/C
79X-005	PTO SPEED 1 SETTING - 900 RPM			N/C
80G-002	PTO MINIMUM RPM - 700			N/C
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH			N/C
Engine Equipment				
99C-021	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG21 CONFIGURATION			N/C
99D-009	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LEFT SIDE OF HOOD)			\$109.00
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-236	(3) DTNA GENUINE, FLOODED STARTING, MIN 3000CCA, 555RC, THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			\$18.00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
107-048	CUMMINS NATURALLY ASPIRATED 25.9 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE			N/C
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM			N/C
128-047	CUMMINS INTEBRAKE COMPRESSION BRAKE WITH (2) SWITCHES; (1) ON/OFF AND (1) LOW/MEDIUM/HIGH RETARDATION LEVEL	20		N/C
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	\$823.00
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-200	INTEGRATED STACK AND B-PILLAR PIPE WITH MINIMUM STACK PROTRUSION ABOVE CAB			\$131.00
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD			\$48.00
273-048	HORTON 2-SPEED DRIVEMASTER ADVANTAGE POLAREXTREME FAN DRIVE			\$285.00
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED			\$10.00



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Data Code	Description	Weight Front	Weight Rear	Retail Price
110-003	CUMMINS SPIN ON FUEL FILTER			N/C
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER			N/C
266-057	1500 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-016	RADIATOR DRAIN VALVE			N/C
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4		\$113.00
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			\$2.00
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH			N/C

Transmission

342-1M1	ALLISON 4000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100	\$12,424.00
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Transmission Equipment

343-323	ALLISON VOCATIONAL PACKAGE 172 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS			N/C
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE			STD



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84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
84M-001	PUMP MODE INPUT ENABLED 3RD/4TH LOCKUP WIRED ON TCM INPUT AJ/BQ - ALLISON 5TH GEN TRANSMISSIONS			N/C
353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB			\$49.00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			\$23.00
362-1Y2	(2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S			N/C
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD

Front Axle and Equipment

400-1AC	MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	260		\$3,576.00
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10		N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			\$8.00
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			STD
406-001	STANDARD KING PIN BUSHINGS			STD
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130		N/C



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539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR			N/C
533-001	OIL/AIR POWER STEERING COOLER			N/C
40T-001	MINERAL SAE 80/90 FRONT AXLE LUBE			STD
Front Suspension				
620-006	20,000# FLAT LEAF FRONT SUSPENSION	310		\$815.00
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION			N/C
62G-998	NO FRONT SUSPENSION OPTIONS			STD
410-001	FRONT SHOCK ABSORBERS			\$121.00
Rear Axle and Equipment				
420-111	RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE		450	\$4,398.00
421-456	4.56 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			STD
386-075	MXL 18T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	100	100	\$693.00
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES			STD
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES			STD
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF			STD
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			STD
433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-001	CAM BRAKE AUXILIARY SUPPORT BRACKETS			\$29.00
451-023	CONMET CAST IRON REAR BRAKE DRUMS		20	\$57.00
440-006	REAR OIL SEALS			STD
426-101	WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS			STD
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			\$110.00
41T-001	MINERAL SAE 80/90 REAR AXLE LUBE			(\$239.00)
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
Rear Suspension				
622-1CJ	HENDRICKSON RT463 @46,000# REAR SUSPENSION		750	\$3,124.00
621-015	HENDRICKSON RT/RTE - 6.00" SADDLE			(\$17.00)



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Data Code	Description	Weight Front	Weight Rear	Retail Price
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP			STD
624-009	54 INCH AXLE SPACING		10	\$250.00
628-005	STEEL BEAMS AND BRONZE CENTER BUSHINGS WITH BAR PIN ADJUSTABLE END CONNECTIONS			N/C
623-005	FORE/AFT CONTROL RODS			N/C
Brake System				
490-100	WABCO 4S/4M ABS			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			STD
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER			\$11.00
479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL			N/C
	AT FRAME STATION 4500			
460-093	STEEL AIR BRAKE RESERVOIRS; CUSTOMER ACCEPTS TANKS MOUNTED PERPENDICULAR TO RAIL	10	10	\$379.00
	MOUNT REAR OF AFTERTREATMENT. MOUNT REMAINING TANKS IN AFTERFRAME			
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS			STD
485-045	METALLIC AIR MANIFOLD MOUNTED TO BACK OF CAB CROSSMEMBER WITH SIX 1/4 INCH FITTINGS AND 70 PSI PROTECTION VALVE	5		\$172.00
Trailer Connections				
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
Wheelbase & Frame				
545-702	7025MM (277 INCH) WHEELBASE			N/C
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	810	140	\$2,016.00
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	240	460	\$1,385.00
552-052	2225MM (88 INCH) REAR FRAME OVERHANG			N/C



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55W-008	FRAME OVERHANG RANGE: 81 INCH TO 90 INCH	-50	210	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20	\$691.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 193.11 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 190.11 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 415.87			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 110.63 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 234.96 in			N/C
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 193.54 in			
560-008	UNDER OR OVERSLUNG CROSSMEMBER			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-067	STANDARD REAR MOST CROSSMEMBER MOUNTED 96MM AFT OF REAR SUSPENSION CENTERLINE			\$23.00
565-001	STANDARD SUSPENSION CROSSMEMBER			STD
Chassis Equipment				
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-100		(\$294.00)
551-017	GRADE 8 THREADED HEX HEADED FRAME FASTENERS INSTALLED WITH BOLT HEADS ON OUTSIDE OF FRAME			N/C
605-1AB	D15-16004-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON FRAME WEB			\$21.00
Fuel Tanks				
204-156	100 GALLON/378 LITER ALUMINUM FUEL TANK - LH	20		\$295.00
218-006	25 INCH DIAMETER FUEL TANK(S)			STD
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
212-007	FUEL TANK(S) FORWARD			STD
664-001	PLAIN STEP FINISH			STD
205-001	FUEL TANK CAP(S)			STD



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122-075	ALLIANCE FUEL FILTER/WATER SEPARATOR	15		N/C
216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
20E-015	2 REAR AUXILIARY FUEL SUPPLY AND RETURN PORTS LOCATED ON LH FUEL TANK			\$38.00
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
221-009	FUEL COOLER MOUNTED RIGHT HAND IN RAIL MOUNTED DIRECTLY BOC			\$215.00
Tires				
093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196		\$1,000.00
094-1UX	MICHELIN X MULTI D 11R22.5 14 PLY RADIAL REAR TIRES		192	(\$288.00)
Hubs				
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD
Wheels				
502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.68 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8		\$636.00
505-693	ALCOA LVL ONE 88267X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-224	\$1,144.00
524-001	POLISHED FRONT WHEELS; OUTSIDE ONLY			\$28.00
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY			\$120.00
52M-004	FOREMATCH TIRE/WHEEL RUNOUT. CHECK/MARK AND STATIC BALANCING. ALL TIRES AND WHEELS			\$225.00
Cab Exterior				
829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
650-008	AIR CAB MOUNTING			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
667-001	FRONT FENDERS			STD
754-002	3-1/2 INCH FENDER EXTENSIONS	15		\$192.00
678-018	LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT			\$59.00
645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL			\$221.00



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646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS			\$66.00
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			\$15.00
644-004	FIBERGLASS HOOD			STD
690-002	TUNNEL/FIREWALL LINER			\$114.00
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK			(\$23.00)
726-001	SINGLE ELECTRIC HORN			STD
728-001	SINGLE HORN SHIELD			STD
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
78G-004	KEY QUANTITY OF 4			\$18.00
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
312-067	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS			N/C
302-047	LED AERODYNAMIC MARKER LIGHTS			\$34.00
311-012	DAYTIME RUNNING LIGHTS - LOW BEAM ONLY			\$21.00
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS			STD
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
74A-001	RH DOWN VIEW MIRROR			\$21.00
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-053	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN SHIELDING			STD
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4		\$218.00
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD			STD
659-006	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR			\$15.00
Cab Interior				
707-1AK	OPAL GRAY VINYL INTERIOR			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
706-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$27.00
708-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$27.00
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER			(\$2.00)
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
694-010	IN DASH STORAGE BIN			N/C
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-006	GRAY/CHARCOAL FLAT DASH			(\$309.00)
860-004	SMART SWITCH EXPANSION MODULE			\$196.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE			\$31.00
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-002	STANDARD PLUMBING WITH BALL SHUTOFF VALVES AND INSULATED LINES			\$59.00
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-034	PREMIUM INSULATION			\$164.00
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-014	DOMELIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS			STD
655-005	LH AND RH ELECTRIC DOOR LOCKS			\$99.00
284-023	(1) 12 VOLT POWER SUPPLY IN DASH			STD
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30		\$225.00
760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10	\$255.00
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8		\$138.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER			\$25.00



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761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER			\$22.00
763-102	HIGH VISIBILITY ORANGE SEAT BELTS			\$26.00
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			\$40.00
721-001	97 DB BACKUP ALARM		3	\$47.00
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL			\$2.00
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD
160-039	(1) HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH AND (1) SAE J1939 DIAGNOSTIC INTERFACE CONNECTOR LOCATED CENTER OF DASH			\$7.00
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
148-071	ENGINE REMOTE INTERFACE WITH INCREMENT/DECREMENT			\$286.00
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD



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 VACTOR MANUFACTURING
 PSFT430A 2022
 1621 SOUTH ILLINOIS ST
 STREATOR, IL 61364
 Phone: 815 672 3171

Prepared by:
 Bob Jensen
 TRANSCHICAGO TRUCK GROUP
 776 N. YORK ROAD
 ELMHURST, IL 60126
 Phone: 630-279-0600 ext.631

Data Code	Description	Weight Front	Weight Rear	Retail Price
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
746-116	AM/FM/WB WORLD TUNER RADIO WITH SIRIUS XM, CD PLAYER, BLUETOOTH, IPOD INTERFACE AND USB AND AUXILIARY INPUTS, J1939	10		\$599.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF			N/C
78C-003	INTEROPERABLE SDAR ANTENNA			\$82.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-998	NO VEHICLE PERFORMANCE MONITOR	-5		N/C
6TS-003	(2) TMC RP 1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND DASH B PANEL AND (1) LOCATED PASSENGER SIDE OF DASH			\$49.00
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH			\$12.00
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH			STD
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			STD
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
Design				
065-000	PAINT: ONE SOLID COLOR			STD
Color				
980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY			STD
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD



Prepared for:
 2022 PSFT430A X12 TUKWILA
 VACTOR MANUFACTURING
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Data Code	Description	Weight Front	Weight Rear	Retail Price
963-003	STANDARD E COAT/UNDERCOATING			STD
Certification / Compliance				
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
Raw Performance Data				
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 190.11 in			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 193.54 in			

T O T A L V E H I C L E S U M M A R Y

Adjusted List Price	
Adjusted List Price **	\$195,809.00

Weight Summary			
	Weight Front	Weight Rear	Total Weight
Factory Weight*	10043 lbs	8667 lbs	18710 lbs
Total Weight*	10043 lbs	8667 lbs	18710 lbs

I T E M S N O T I N C L U D E D I N A D J U S T E D L I S T P R I C E

Other Factory Charges		
PMV-021	GHG21 ENHANCEMENT PRICE	\$450.00
P73-2FT	STANDARD DESTINATION CHARGE	\$2,200.00

Extended Warranty



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WAG-010	TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES	\$200.00
	Currency Exchange Rate	1.0000
	Total Extended Warranty (Local Currency)	\$200.00

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



2021 SW VACTOR

~~2019-2020 Biennial Budget Pg 379 Line 24~~

2021 BUDGET AMENDMENT - TIC COMMITTEE TBD

Unit (s): 2326

Vehicle	Part #	Qty	Description	Total Item Cost
2021 Freightliner 114SD Vactor 2100i Plus		1	Base vehicle	\$ 538,936.97
			UNIT 2311 TRADE IN CREDIT	\$ (50,000.00)
			Sales Tax	\$ 50,849.44
			State Contract Total	\$ 539,786.41
501.02.594.480.64.00			BASE VEHICLE SUB TOTAL	\$ 539,786.41
			Licensing	\$ 65.00
			BASE VEHICLE GRAND TOTAL	\$ 539,851.41
501.02.594.480.64.00		1	VHF Radio	\$ 400.00
		1	Pair of Wheel Chocks	\$ 45.00
501.01.548.650.34.02		1	FIRE EXTINGUISHER	\$ 25.00
		1	FIRST AID KIT	\$ 28.00
		1	BBP KIT	\$ 16.00
			Graphics	\$ 50.00
			OUTFITTING TOTAL	\$ 564.00
			In-house Outfitting Labor	

Cost Summary

Base vehicle	\$ 539,851.41
Outfitting	\$ 564.00
Budget	\$ 600,000.00
Grand Total Capitalization	\$ 540,415.41
(Over) / Under Budget	\$ 59,584.59
Outfitting Labor	
Grand Total	\$ 540,415.41

Approvals

NOTE: All items listed are based on proper outfitting of this particular make, model and year of vehicle. All prices are based on supplier's pricing at time of quote and is subject to change without notice.

Department Director's Signature:		Date:
Public Works Director's Signature:		Date:
Finance Director's Signature:		Date:
CITY ADMINISTRATOR Signature:		Date:

NEW & REPLACEMENT PURCHASES IN 2019-2020

CURRENT UNIT	UNIT #	PURCHASE YEAR		NEW UNIT #	Estimated Replacement Year	REPLACEMENT UNIT
		2019	2020			
POLICE ^(a)						
1 SGT. SUV	1743	83,000			2026	SGT. SUV
2 PATROL	1732	80,000			2024	PATROL SUV
3 PATROL	1731	80,000			2024	PATROL SUV
4	NEW	80,000			2024	PATROL, SRO ^(b)
5 EVIDENCE VAN	1204	50,000			2029	EVIDENCE VAN
6 PATROL	1745		80,000		2025	PATROL SUV
7 ADMIN SEDAN	1433		58,000		2028	ADMIN SUV
8 ADMIN SEDAN	1727		58,000		2028	ADMIN SUV
9 DETECTIVE SEDAN	1436		33,000		2030	DETECTIVE SEDAN
10 RADAR TRAILER	1024		12,800		2030	RADAR TRAILER
FIRE ^(c)						
11 TRAINING SUV	1286	55,000			2028	TRAINING PICKUP
12 TRAINING SUV	5587	55,000			2028	TRAINING PICKUP
13 BC VEHICLE	1281		90,000		2028	BC TRUCK
14 RESCUE TRUCK	1353		250,000		2028	RESCUE TRUCK
PW MAINTENANCE SHARED						
15 ^(d)	NEW	45,000			2034	MOWER, SPIDER
SEWER						
16 STEP VAN	1283		100,000		2040	1 1/2-TON SERVICE TRUCK
STREET						
17 3/4-TON PICKUP W/ TANK	1258		35,000		2035	3/4-TON PICKUP W/ TANK
18 1-TON DUMP TRUCK	1318		58,000		2035	1-TON DUMP TRUCK
19 1-TON DUMP TRUCK	1378		58,000		2035	1-TON DUMP TRUCK
20 MOWER, SIDE FLAIL	1410	195,000			2034	MOWER, SIDE FLAIL
21 MOWER, BOOM FLAIL	1416	200,000			2034	MOWER, BOOM FLAIL
22	NEW		80,000		2035	1-TON PICKUP (DE-ICER/STRIPER)
SURFACE WATER						
23 3/4-TON PICKUP	1230	38,000			2039	3/4-TON PICKUP
24 VACTOR	2311		600,000		2030	VACTOR
WATER						
25 STEP VAN	1277		100,000		2035	STEP VAN
RECREATION						
26 15-PASSENGER VAN	1222	42,000			2029	FORD TRANSIT 12-PASS VAN
27 15-PASSENGER VAN	1233		42,000		2030	FORD TRANSIT 12-PASS VAN
28 1/4-TON PICKUP	1225	38,000			2029	FORD EXPLORER
PARKS						
29 3/4-TON PICKUP W/WATER TANK & LIFT GATE	1242	47,000			2034	FORD F350 CREW CAB 8' BED W/ RACK
30 MOWER, WIDE AREA TURBO	1678	42,000			2034	MOWER
31 MOWER, FRONT DECK	1680		22,000		2035	MOWER



City of Tukwila

6200 Southcenter Blvd, Tukwila, WA 98188-2544
206-433-1800

PURCHASE ORDER

NUMBER
DATE

VENDOR INFORMATION

NAME	CONTACT OR SALESPERSON
STREET ADDRESS	PHONE NUMBER
CITY/STATE/ZIP	EMAIL ADDRESS

The PO number is the three-character department code and today's date, in the following format: XXXMMDDYY
 XXX = Department Code (FIN, PWM, FIR, POL, etc...)
 MM = Month (01, 02, 11, etc...)
 DD = Day (01, 21, 29, 30, etc...)
 YY = Year (14, 15, etc...)
 Example: For a Fire PO created on June 1, 2014, the PO number would be: FIR060114

PURCHASE INFORMATION

QUANTITY	DESCRIPTION	GENERAL LEDGER ACCOUNT						PROJECT ACCOUNTING				AMOUNT
		FUND	DEPT	BASUB	ELEMENT	OBJ	SUB-OBJ	PROJECT	PHASE	TASK	SUB-TASK	

NOTES

OTHER QUOTES

VENDOR	
QUOTE	DATE
VENDOR	
QUOTE	DATE

Subtotal	
Sales Tax	
TOTAL	

APPROVALS

PURCHASER/ INITIATED BY	DEPARTMENTAL APPROVAL	EXECUTIVE APPROVAL
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(Required if more than \$20,000.00)