

VILLAGE OF DOWNERS GROVE
Report for the Village
5/18/2021

SUBJECT:	SUBMITTED BY:
Purchase of Replacement Plow Trucks for 2021	Andy Sikich Public Works Director

SYNOPSIS

A motion is requested to authorize the purchase of two 2022 Peterbilt 348 snow plow trucks from JX Peterbilt of Bolingbrook, IL, in the amount of \$316,004.90.

STRATEGIC PLAN ALIGNMENT

The goals for 2019-2021 include *Exceptional Municipal Services*.

FISCAL IMPACT

The FY21 budget includes \$280,000 in the Equipment Replacement Fund for the replacement of these vehicles. Funds are available in the general fund to cover the additional costs and will be transferred into the Equip Replacement Fund.

RECOMMENDATION

Approval on the May 18, 2021 consent agenda.

BACKGROUND

The 2021 vehicle replacement schedule provides for the replacement of the following vehicles and equipment.

Quantity	Type of Vehicle	Make and Model	Dealer	Price each
2	Snow Plow Truck	2022 Peterbilt 348	JX Peterbilt	\$158,002.45

The Village's Fleet Team, consisting of representatives from the Village Manager's Office, Finance, Public Works, Police and Fire Departments evaluated the need to replace these vehicles. All Village vehicles and equipment are targeted for replacement according to useful lifecycle replacement criteria. These criteria include age, usage, condition, repair costs, fuel efficiency and environmental impact. The Fleet Team reviewed the above listed vehicles scheduled to be replaced and determined that the criteria for replacement were met.

Snow Plow Trucks

The Village operates thirteen 5 and 10-ton trucks used for front-line snow response. The current vehicles (units 234 and 235) are 15 years old and have reached the end of their useful life. The hydraulic controls on the trucks are obsolete, making it difficult to obtain service and repair parts. The trucks have also

experienced a decline in engine performance and have corrosion issues that would warrant significant structural repairs to remain in service. The recommended vehicles will utilize standardized hydraulic controls and snow plow hitches, and will use existing plows already owned by the Village. Standardization within the Village's fleet allows for a cost effective approach to routine and emergency maintenance by adding value in business operations, specifically in areas involving inventory management and training of internal personnel. The recommended vehicles will be fueled by B20 biodiesel.

The following table provides additional information regarding the vehicles scheduled to be replaced.

Veh. #	Year	Make	Model	Miles (May 2021)	2019-20 Repairs / Maintenance Costs (24 mo.)	Life-to-Date Repairs / Maintenance Costs	Repairs / Maintenance Cost % in 2019-20
234	2007	Freightliner	M2 106V	52,785	\$7,974.37	\$161,216.96	5%
235	2007	Freightliner	M2 106V	49,220	\$19,777.02	\$146,284.36	14%

While preparing the FY21 budget, Staff determined replacement of these vehicles is more cost effective than refurbishment, due to excellent pricing on the replacement vehicles, the extensive costs associated with refurbishment, and the longer expected useful life of new vehicles.

These vehicle purchases are recommended to be made through cooperative purchasing contracts in accordance with the provisions of the Village Purchasing Policy. Pricing for the Peterbilt 348's is provided through the Sourcewell Cooperative Purchasing Program for governmental entities (formerly NJPA).

ATTACHMENTS

Proposal



535 East South Frontage Road, Bolingbrook, IL 60440



NJPA CONTRACT 060920-PMC

Date: 4.26.2021

To: Village of Downers Grove
Kevin Bobikiewicz

Dear kevin,

JX Peterbilt - is pleased to present a price quotation for New 2022 Peterbilt Model 348 cab and chassis with the enclosed specifications.

Peterbilt Cab & Chassis
All as per attached specifications

2022 Peterbilt 348 with enclose specifications	\$92,568.45
Doc Fees/Title Fees	Included
Heated Windshield	\$750.00
Henderson body per quote #148277	\$75,184.00
Trade in value on unit 234 & 235	(\$21,000.00)

Total including: 2 PETERBILT 348 SINGLE AXLE AND 2 HENDERSON BODY	\$316,004.90
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Sincerely,

Tor Michael William Larkin | Fleet Account Manager
JX Truck Center - Bolingbrook | Elmhurst | Wadsworth
Office: 630-516-3560 ext 3434 Cell: 224-200-2483
www.JXE.com | **Your Partner for the Long Haul!**



Peterbilt Illinois-Joliet (P128)
535 East S. Frontage Rd
Bolingbrook, Illinois 60440

Stock

Tor Larkin
Cell Phone:
Office Phone: 630-972-2720
Email: tlarkin@jxe.com

Stock Order

Vehicle Summary

Unit		Chassis	
Model:	Model 348	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs):	23000
Description 1:	V OF DOWNERS GROVE	G.C.W. (lbs):	43000
Description 2:	SINGLE AXLE		
Application		Road Conditions:	
Intended Serv.:	Snowplow	Class A (Highway)	100
Commodity:	Other Commodity	Class B (Hwy/Mtn)	0
		Class C (Off-Hwy)	0
		Class D (Off-Road)	0
Body		Maximum Grade:	
Type:	End Dump		6
Length (ft):	13	Wheelbase (in):	175
Height (ft):	13.5	Overhang (in):	65
Max Laden Weight (lbs):	3500	Fr Axle to BOC (in):	69.8
		Cab to Axle (in):	105.2
		Cab to EOF (in):	170.2
Trailer		Overall Comb. Length (in):	278.2
No. of Trailer Axles:	0		
Type:			
Length (ft):	0	Special Req.	
Height (ft):	0		
Kingpin Inset (in):	0		
Corner Radius (in):	0		
Restrictions			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

Approved by:

Date:

Note: All sales are F.O.B. designated plant of manufacture.



Sales Code	Std/ Opt	Description	Weight
Base Model			
0003481	S	Model 348 The Model 348 was designed to exceed the rigid demands of Class 7 and Class 8 specialty application markets that require rugged durability and a wide range of optional content. The Model 348 represents a multi-dimensional performer with a GVW from 33,000 to 66,000 lbs. and optional capacity ratings to suit almost any vocation. The 348 is also available in a specifically designed all-wheel-drive configuration. From construction and crane service to utility and delivery services in both Class 7 and Class 8 markets, the 348 is in a class by itself.	10,610
0091200	S	Other Commodity	0
0093150	O	Snowplow Truck which is configured for mounting a snowplow to the front. May also have dump or other body.	0
0095170	O	End Dump	0
0098170	S	United States Registry Canadian Registry Package Requires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0
Configuration			
0200700	S	Not Applicable Secondary Manufacturer	0
Frame & Equipment			
0514000	O	10-3/4" Steel Rails To 354" 10.75x3.5x.375 Dimension, 2,136,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 17.8 cubic inches. Weight: 1.74 lbs/inch pair	385
0612230	O	Custom Wheelbase or Overhang Engineering approval may be required.	0
0613090	S	Three-Piece Crossmembers	0
0620580	O	27.8in Bumper Extension without Adapter Includes Stationary Grille. Requires FEPTO Bumper.	75
0644090	S	EOF Square without Crossmember End-of-frame square without crossmember. For use with body builder installed crossmember.	0
0651090	S	Omit Rear Mudflaps and Hangers	0
Front Axle & Equipment			
1011360	O	Dana Spicer D2000F 20,000 lb, 3.5 in. Drop Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance	144

Price Level: April 1, 2021

Deal: V OF DOWNERS GROVE

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Quote Number: QUO-493272-L2Q3L2



Sales Code	Std/ Opt	Description	Weight
		intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	
1114030	O	Taper Leaf Springs, Shocks 20,000 lb Standard with Heavy Resistance Shocks.	119
1243050	O	Power Steering Sheppard HD94 Dual For use with 16,000 to 20,000 lb. axle ratings.	80
1250250	O	Power Steering Reservoir Frame Mounted w/Cooler A power steering cooler helps reduce the heat of the power steering fluid. This is commonly used with systems that may experience more stress from towing or off-road driving.	2
1354855	O	PHP10 Iron PreSet Hubs-Air Disc	0
1380290	O	Bendix Air Disc Front Brakes Bendix air disc front brakes use a floating caliper design to provide foundation braking on all axles and complies with reduced stopping distance regulations.	30
Rear Axle & Equipment			
1511440	O	Meritor RS23-161 23,000 lb Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	87
1616360	O	PHP10 Aluminum PreSet Hubs	-60
1660000	O	Dust Shields For Cam Brakes, Drive Axle(s)	15
1680500	S	SBM Valve Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0
1680950	S	Stability System Not Selected Or Not Available	0
1682430	S	Anti-Lock Braking System (ABS) 4S4M ABS-6. Includes air braking system.	0
1684200	S	Synthetic Axle Lubricant All Axles Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold	0



Sales Code	Std/ Opt	Description	Weight
		conditions and withstand the stress from high temperatures, extending component life.	
1686348	S	Single Drive Axle (Model 348)	0
1687080	O	Air Disc Rear Brakes, Single Drive Axle	0
1706140	O	Ratio 6.14 Rear Axle	0
1811210	S	Peterbilt Air Trac 23,000 lb Light Weight	0
1920385	O	Air Springs, Internal Bumpers Air Trac / Air Leaf suspensions	0
1922260	O	Dash Mtd Dump Switch with Indicator Light Dash mounted dump switch with indicator light for suspension.	2

Engine & Equipment

2074407	O	PACCAR PX-9 330@2000 GOV@2200 1000@1200 Productivity (2021 Emissions)	0
		N21350 C121 64....Maximum Accelerator Pedal Ve	
		N21370 C128 64....Maximum Cruise Speed (P059)	
		N21460 C132 1400..Max PTO Speed (P046)	
		N21520 C133 5.....Timer Setting (P030)	
		N21610 C188 39....Low Ambient Temperature Thre	
		N21620 C189 60....Intermediate Ambient Tempera	
		N21630 C190 80....High Ambient Temperature Thr	
		N21550 C206 35....Engine Load Threshold (P516)	
		N21340 C209 120...Hard Maximum Speed Limit (P1	
		N21510 C225 YES...Enable Idle Shutdown Park Br	
		N21450 C231 NO....Gear Down Protection (P026)	
		N21570 C233 NO....Idle Shutdown Manual Overrul	
		N21440 C234 NO....Engine Protection Shutdown (	
		N21480 C238 NO....Auto Engine Brake in Cruise	
		N21470 C239 NO....Cruise Control Auto Resume (	
		N21430 C333 0.....Reserve Speed Limit Offset (	
		N21410 C334 0.....Maximum Cycle Distance (N202	
		N21590 C382 YES...Enable Hot Ambient Automatic	
		N21500 C395 0.....Expiration Distance (N209)	
		N21530 C396 YES...Enable Impending Shutdown Wa	
		N21540 C397 60....Timer For Impending Shutdown	
		N21320 C399 120...Standard Maximum Speed Limit	
		N21400 C400 252...Reserve Speed Function Reset	
		N21420 C401 10....Maximum Active Distance (N20	
		N21330 C402 0.....Expiration Distance (N207)	
2091305	O	Engine Idle Shutdown Timer Enabled	0
2091315	O	Enable EIST Ambient Temp Override	0
2091372		Eff EIST NA Expiration Miles	0

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Sales Code	Std/ Opt	Description	Weight
2091640		Effective VSL Setting NA	0
2092016	O	Typical Operating Speed 62 MPH	0
2092032	O	Powertrain Optimized for Performance Best analysis for vehicles used in vocational applications or with heavy GCWRs.	0
2140010	O	Belly Pan	35
2140200	S	CARB Engine Idling Compliance PACCAR PX-7, PX-9 and MX, Cummins X15 and ISX diesel engines will include the required factory installed serialized sticker on the drivers door to identify them as meeting the NOx idling standard.	0
2513060	S	PACCAR 160 Amp Alternator, Brushed PACCAR 160 AMP alternator, brushed producing 160 Amps at road speed and 100 Amps at idle.	0
2521090	O	Immersion Type Block Heater 110-120V Standard location for 2.1M and 1.9M models is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	2
2522110	S	PACCAR 12V Starter, N/A PACCAR MX Engines PACCAR 12-volt electrical system. With centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0
2538040	O	3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	62
2539740	O	Kissling Battery Disconnect Switch, 300 amp Mounted on battery box	3
2621000	O	2-Speed Fan Clutch For Frequent Start/Stops A 2-speed fan clutch is ideal for vocational applications where the fan clutch engagement time exceeds 10% of the engine run time. When the fan clutch is disengaged, the fan still rotates at 15-25% of the engine RPM. This fan rotation provides crucial airflow to the engine and draws virtually no horsepower.	0
2723210	S	18.7 CFM Air Compressor N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0
2921160	S	Spin-On Fuel/Water Separator	0
2921210	S	No Fluid Heat Option for Fuel Filter	0
2921320	O	12V Heat for Fuel Filter Fuel filter heaters help ensure a seamless flow of diesel from the tank to the combustion chamber. Eliminating any possibility of moisture freezing within the fuel filter while simultaneously increasing the fuel temperature for atomization within the engine.	0

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Sales Code	Std/Opt	Description	Weight
3010400	O	Engine Protection Shutdown w/ Label Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	0
3114270	S	High Efficiency Cooling System Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 520: 1242 sq in.	0
3211120	S	Radial Seal, Dry Type Air Cleaner, Frontal Air Intake. Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0
3365270	O	Exhaust Single RH Side of Cab DPF/SCR right-hand Under Cab.	29
3381770	O	Curved Tip Standpipe(s)	0
3387610	O	18" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)	-2

Transmission & Equipment

4052110	O	Allison 3000 RDS-P Transmission, Gen 5 Rugged Duty Series. Includes Rear Transmission Support except on MX engines, Mobil Delvac Automatic Transmission Fluid, and Water-Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. Suited for vehicles operating on/off highway and/or requiring PTO operation. Forward ratios: 1st-3.49, 2nd-1.86, 3rd-1.41, 4th-1.00, 5th-0.75, 6th-0.65. Reverse ratios: DR-(5.03).	195
4210080	S	1710 HD Driveline, 1 Midship Bearing	0
4250420	U	ALLISON 5TH GEN RDS, PKG 223	0
4250720	U	ALLISON FUELSENSE NOT DESIRED	0
4252170	O	Auto Neutral Activates With Parking Brake Auto Neutral helps improve jobsite safety by reducing the possibility of the truck moving due to throttle application.	0
4252890	O	Allison FuelSense 2.0 Not Desired	0
4252940	O	Allison Neutral At Stop	0

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Sales Code	Std/ Opt	Description	Weight
		Neutral at Stop features and benefits: Reduces or eliminates the load on the engine when vehicle is stopped, can help lower fuel consumption and CO2 emissions, and is included in FuelSense 2.0 Plus and Max packages only.	
4256640	O	Allison 6-Speed Configuration, Close Ratio Gears 3000 Series Transmissions.	0
4256980	O	Seat Mounted Lever Shifter	0
Air & Trailer Equipment			
4510190	S	Bendix AD-HF Air Dryer, Heater Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technology in the air dryer cartridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	0
4520420	O	Pull Cords All Air Tanks	0
4540420	S	Nylon Chassis Hose	0
4543320	S	Steel Painted Air Tanks All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	0
4611730	O	7-Way Electric Harness, Socket Mounted EOF	11
4611930	O	Body Connections 5' BOC Junction box contains light and power circuits for body connections located 5' from back-of-cab	4
Tires & Wheels			
5064010	O	FF: BR 20ply 315/80R22.5 M870 Efficiency Rating: Fair Diameter= 42.8 inches; SLR= 19.9 inches The Bridgestone M870 is a high scrub All-Position Radial tire designed specifically for urban waste collection.	86
5168400	O	RR: BR 16Ply 11R22.5 M770	48
5190004	O	Code-rear Tire Qty 04	0
5210550	O	FF: Accur Std Armor 29039PK 22.5X9.00 PHP10-5 Hand Holes	74
5312020	O	RR: Accu-Lite Steel Armor 51487PK 22.5X8.25 PHP10-5 hand holes.	-8



Sales Code	Std/ Opt	Description	Weight
5390004	O	Code-rear Rim Qty 04	0
Fuel Tanks			
5554100	O	26" Aluminum 70 Gallon Fuel Tank LH U/C Includes steps for cab access. Paddle handle filler cap with threadless filler neck. Top draw fuel plumbing reduces chance of introducing air into the fuel system during low fuel level conditions due to the central placement of fuel pickup tube. Wire braid fuel lines increase durability & reduce potential for leaks.	11
5602070	O	Location LH U/C 70 Gallon	0
5652890	S	DEF Tank Mounted LH BOC Models 220 and 520 mounted left hand back-of-cab.	0
5652990	O	DEF To Fuel Ratio 2:1 Or Greater	0
5655019	S	DEF Tank Small, HD 14 Gal 2.1M MD 5.5 Gal	0
Battery Box & Bumper			
6010780	O	Aluminum Space Saver Battery Box RH BOC Battery access from side	-84
6040550	S	Aftertreatment Aluminum Non-Slip Cab Entry Aftertreatment right-hand under cab step. DPF/SCR for diesel engines, catalyst for natural gas engines. On Models 579 specifying chassis fairings, the box is aerodynamic.	0
6121060	O	Steel Bumper Swept Back Painted Black, With FEPTO Two tow pin holes and step plates on top of bumper	90
Cab & Equipment			
6510110	S	Alum Cab 108in BBC Metton Hood w/Bright Crown Includes view window RH door and convex mirror over RH door.	0
6540120	O	Severe Service Cab Package #1 Includes Aluminum side skins, aluminum rear skin, steel windshield mask, steel firewall, and steel front floor sheet on all cabs, and additional reinforcement structure on the back wall of the day cab.	39
6540160	O	Thermal Insulation Package in Cab Includes thick, closed-cell foam in floor, special mylar-faced foam in walls and roof structure.	2
6800360	O	Rubber Fender Lips 2" Wide	8
6911700	S	National Driver Seat Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0
6921700	S	National Passenger Seat Increased comfort with more foam in critical areas, better lumbar support, improved adjustability and suspension with toggle link design.	0
6930590	O	Passenger Armrest - LH only Required with Evolution LX seats, optional with Evolution ST Seats.	2
6930800	O	Black Seat Color IPO Standard Color	0

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6931120	O	Seat Belt Color Orange IPO Standard Black	0
6939400	S	Air Ride Driver	0
6939420	S	High Back Driver	0
6939480	O	Mordura Driver	0
6939510	S	Non-Air Ride Passenger	0
6939520	S	High Back Passenger	0
6939580	O	Mordura Passenger	0
7001520	O	Adjustable Steering Column - Tilt/Telescope	11
7001620	S	Steering Wheel With Peterbilt Logo Steering Wheel with embossed Peterbilt logo over horn button.	0
7036120	S	Interior Gray/Black Includes rugged charcoal instrument panels, glare-resistant gray dash, black bezels on gauges, (2) power ports, monochromatic molded door pads with durable in-mold color, gray molded back wall, 18 inch 4-spoke soft-touch steering wheel, soft-touch steering column cover, power lift passenger window, extruded rubber floor covering, header-mounted dome light, foot well lighting, integrated "dead pedal", (4) inside entry grab handles, (2) inside sunvisors, (2) coat hooks, (2) cup holders and map bin in dash.	0
7210430	O	Extended Rear Window ipo Std Window-Day Cab The extended rear window protrudes two inches more than the standard conventional rear cab window. Take this into consideration when determining your loadspace.	18
7210540	S	Day Cab Rear Window Day cab rear window flush to back of cab.	0
7230060	S	1-Piece Curved Windshield	0
7322010	S	Combo Fresh Air Heater/Air Conditioner With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0
7322130	O	Cup Holder (Floor Mounted) Includes two standard-size drink holders and one extra-large jugholder, coin tray, and clipboard-size storage area.	4
7410040	O	Outside Sunvisor - Stainless Steel Not available with 2.1M high roof sleeper.	4
7561180	O	Aero Mirrors Ea Side Htd & Mtrzd 4-Way Adjustable Bright Finish with Convex	4
7564110	S	Power Package Includes power door locks and power windows.	0



Sales Code	Std/Opt	Description	Weight
7610020	O	(1) Air Horn 15" Painted Mounted under cab.	8
7722120	O	ConcertClass, AM/FM, Weatherband, 3.5 Aux	10
7725710	O	Standard Speaker Package For Cab (2) Speakers	4
7728040	O	Bluetooth Phone and Audio Requires USB Port	0
7728050	O	USB Port	0
7748140	O	CB Terminals/Wiring Mounted Under Header	0
7748510	O	CB Antenna Mounting, RH Mirror Available with Rami only on 1.9m, available without Rami on medium duty	1
7788140	O	Radio Antenna Mounted on LH Mirror Bracket	0
7850210	O	Plug-In Auto Reset Circuit Breaker in place of fuses in junction box.	0
7851480	S	Peterbilt Electric Windshield Wipers With Intermittent Feature.	0
7851780	O	CabMate Cab Air Suspension Mfg by Link. The class 8 conventionals (except Model 348) includes (2) airbags, (2) shock absorbers, (1) leveling valve, radius rod, and height limiter. The Models 330, 337, and 348 includes (1) airbag and (1) shock absorber.	15
7900270	O	Fire Extinguisher, Cab Mounted Hazmat approved UL listed/rated ABC	8
7901130	O	Backup Alarm (107 DB)	3
8021380	S	Air Restriction Indicator Mounted on air cleaner, intake piping, or firewall	0
8071340	O	Bright Bezel Gauges 52mm Round Gauges Only- B Panel	0
8071870	S	Main Instrumentation Panel, Graphics Display Includes speedometer with trip odometer, tachometer with hourmeter and outside air temperature display, voltmeter, engine oil pressure, engine coolant temperature, fuel level, primary and secondary air pressure gauges. Includes standard warning light package: high water temperature, low oil pressure, and low air pressure warning lights with audible alarms, high beam, turn signal, low fuel, parking brake, and ice warning indicators; seat belt reminder; rocker switches with long-life LED indicators; multi-function turn stalk with flash-to-pass feature (night mode flashes headlights and marker lights; day mode flashes headlights only), intermittent windshield wiper and headlamp beam control. Hydraulic braked trucks do not include air pressure gauges.	0
8111110	S	Headlights Composite Fender Mounted	0



Sales Code	Std/Opt	Description	Weight
		Integral park, turn, and side marker	
8120980	S	(5) Marker Lights, Aero LED	0
8133450	O	(2) Brackets F/O Beacon/Strobe, Roof Mounted (2) brackets for furnished by owner beacon / strobe lights roof mounted. Located above each door toward rear, includes switch and wiring.	4
8133900	O	None Furnished Stop/Tail/Backup Lights Available with full truck only, not available with tractor	-16

Paint

8500710	S	Standard Paint Color Selection	0
8530770	S	(1) Color Axalta Two Stage - Cab/Hood Base Coat/Clear Coat N85020 A - L0006EY WHITE N85500 CAB ROOF L0006EY WHITE N85300 FENDER L0006EY WHITE N85200 FRAME L0001EA BLACK N85400 HOOD TOP L0006EY WHITE	0

Shipping Destination

8999989	O	Shipping Destination To Dealership	0
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Options Not Subject To Discount

9400091	S	Peterbilt Class 7 Standard Coverage 1 year/Unlimited Miles/km	0
9401711	O	Basic Vehicle - U.S. (3/200) Three Years/200,000 Miles. All components covered in the Standard Basic Vehicle Warranty schedule plus Heater/Air Conditioner Warranty which includes all HVAC system except receiver-dryers, refrigerant leaks at o-rings, loose fittings or rubber hoses, or other maintenance-related items. General exclusions of Extended Warranty Program in all categories excludes batteries, chrome, paint, loose fitting leaks and wiring connections, fluids, component wear, and other items excluded from the Peterbilt standard warranty.	0
9408731	S	2021 Peterbilt MD Delivery	0
9408905	U	MEDIUM DUTY EMISSIONS SURCHARGE	0

Miscellaneous

9409831	O	2021 EPA Emissions Engine Warranty Only	0
9409843	O	Peterbilt Sourcewell Program Code	0

Promotions

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Date: April 19, 2021
Quote Number: QUO-493272-L2Q3L2



Sales Code	Std/ Opt	Description	Weight
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Order Comments

Total Weight

12,174

Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.

Dimensional and performance data for unpublished options may vary from that displayed in CRM.

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HENDERSON

PRODUCTS, INC.

11921 SMITH DRIVE
HUNTLEY, IL 60142
PHONE: 847-836-4996
FAX: 563-927-7108

CUSTOMER QUOTE

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Rev #16

To: Village of Downers Grove
Attn: Kevin Bobikiewicz
Quote Date: 4/26/2021
Valid Until: 6/25/2021
Sourcewell Contract# 080818-HPI
Sourcewell #: sourcewell
Quoted:
TUB BODY MKE TGS HITCH PREWET 2021

Quoted By: Rob Florio
Phone: 847-836-4996
Cell: 847-257-2452
Fax: 563-927-7108
Email: rflorio@hendersonproducts.com

Henderson Products is pleased to present the following quote. Please contact us if you have any questions.

MARKE SA Dump Body

BODY LENGTH: 10ft BODY LENGTH
SIDE STYLE: STRAIGHT SIDES
SIDE HEIGHT (FROM FLOOR): 30" SIDE HEIGHT
REAR BODY PROFILE: STANDARD STRAIGHT VERTICAL GATE
REAR CORNER POSTS: REAR BOLSTERS 8" ABOVE SIDES
BOARD POCKETS: 2" WIDE BOARD POCKETS
HOIST TYPE: TRN MOUNT TELE HOIST W/ SUBFRM, INTERNAL DOGHOUSE
HOIST CYLINDER/MODEL: MAILHOT CS-SERIES, DOUBLE ACTING, CS90-4.5-3DA
HYDRAULIC PUMP: PUMP SUPPLIED WITH HYDRAULIC PACKAGE
CYLINDER CRADLE STYLE: STANDARD HOIST CRADLE
INSTALL SUBFRAME AND/OR CYLINDER: SHIP LOOSE - DEALER TO INSTALL
EXTRA BODY PROP: NO EXTRA BODY PROP
HYDRAULIC RESERVOIR: RESERVOIR SUPPLIED WITH HYDRAULICS PACKAGE
FLOOR MATERIAL: 1/4" AR400 FLOOR
FLOOR TO SIDE RADIUS: 5" RADIUS FLOOR TO SIDE
LONGSILL MATERIAL: 5" I-BEAM LONGSILLS (STANDARD SKIP WELD)
SIDES/HEADSHEET MATERIAL: 10GA 201SS SIDES/HEAD
SIDE BRACING TYPE: NO SIDE BRACING
SIDE BRACE MATERIAL: NO SIDEBRACE
TOP RAIL STYLE: FLAT (2" FLAT, THEN SLOPED)
CONTOURED FRONT CORNER POSTS: NO FRONT CORNER POSTS
REAR CORNER POST MATERIAL: 7GA 201SS REAR CORNER POSTS
TAILGATE STYLE: STANDARD TAILGATE
TAILGATE SHEET MATERIAL: 10GA 201SS TAILGATE SHEET
TAILGATE BRACING: SINGLE HORIZONTAL TAILGATE BRACE
TAILGATE BRACE MATERIAL: 10GA 201SS TAILGATE BRACING
TAILGATE TOP PIVOT HARDWARE: 1-1/4" PINS, 1" PLATES, GREASABLE
TAILGATE LATCH TYPE: DBL ACTING AIR CYL TG RELEASE, SS BUSHINGS
TAILGATE RELEASE VALVE: NO TAILGATE RELEASE VALVE
TAILGATE PIN LANYARDS: TAILGATE PIVOT PIN LANYARDS
TAILGATE LIFT LOOP: TAILGATE LIFT LOOP, D-RING, CENTER OUTSIDE (SS)
LATCH JAWS: LOWER TG LATCH JAWS, GREASABLE
COAL CHUTE: NO COAL CHUTE
REAR FACE LIGHT HOLES: (2) OBOURND LIGHT HOLES, EA BOLSTER REAR FACE
REAR SIDE MARKER LIGHT HOLE: STD 2.5" SIDE MARKER LIGHT HOLES





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EXTERIOR LIGHT BOXES INSTALLED: **NO EXTERIOR LIGHT BOXES**
LIGHTING PACKAGE: **NO OEM LIGHTING PACKAGE**
BODY HINGE CONSTRUCTION: **STD SUBFRAME INTEGRAL HINGE**
BODY HINGE TYPE: **GREASABLE HINGE BLOCKS**
BODY HINGE PAINT: **YES, REAR HINGE PAINTED @ FACTORY**
PAINT PREPARATION: **SS WASH-NATURAL FINISH, PRIME MILD PARTS (201/304SS BODY)**
CABSHIELD STYLE: **NO CABSHIELD**
ASPHALT LIP: **NO ASPHALT LIP**
WALK RAILS: **NO WALKRAILS ON LOWER RUBRAILS**
TARP RAILS: **NO TARP RAILS**
SIDE LADDERS: **(YES) SIDE LADDER - Pick From List Below**
SIDE LADDER MATERIAL: **STAINLESS STEEL LADDER CONSTRUCTION - Pick From List Below**
DRIVER'S SIDE FRONT LADDER: **FOLD DOWN SIDE LADDER, DS FRONT (304SS)**
INSTALL DRIVER SIDE FRONT LADDER: **DRIVERS SIDE FRONT LADDER HENDERSON IDC**
INSTALLED
DRIVER'S SIDE REAR LADDER: **NO DRIVERS SIDE REAR LADDER**
CURBSIDE FRONT LADDER: **NO CURBSIDE FRONT LADDER**
CURBSIDE REAR LADDER: **NO CURB SIDE REAR LADDER**
STEP(S): **NO STEP(S)**
GRAB HANDLES: **GRAB HANDLE, DRIVERS SIDE FRONT**
SIDEBOARDS: **NO SLOPED SIDEBOARDS**
Show Options: **Show Options**
RUBBER MOUNTING PADS: **NO RUBBER MOUNTING PADS**
VIBRATOR MOUNTING PAD: **NO VIBRATOR MOUNTING PAD**
REAR APRON FILLER PLATE (FOR TGS SANDER): **NO REAR APRON FILL PLATE**
INSTALL TGS SPREADER: **NO TGS INSTALL**
HEATED BODY: **NO HEATED BODY OPTION**
CRADLE MOUNT TOOLBOX: **NO TRIANGULAR CRDL MOUNT TOOLBOX (SLOPED HEAD P2P ONLY)**
TOOLBOX (BODY INTEGRAL): **NO INTEGRAL BODY TOOLBOX**
Option 1 Description: **Tub style body ILO std**
Option 2 Description: **Dual 60 gallon pre-wet tanks installed with plumbing kit**
Option 3 Description: **Cabshield 22x86, 4,whelen lights, PN: 143705.201**

TGS salt / sand spreader

TROUGH MATERIAL: **201SS**
AUGER SIZE AND TYPE: **6" dia. auger, direct drive**
MOUNTING BRACKETS: **Std brackets for 96" wide bodies**
MOTOR W/ SPEED SENSOR: **Motor w/integral speed sensor**
Option 1 Description: **Stainless Steel Slurry Tube Installed**
Option 2 Description: **TGS Mounting shield PN: 125031.201 Qty 1**

Installation Workup

Facility: **IDC-IL**
Chassis Delivery To Henderson: **Truck Dealer/Customer Delivers**
Completed Truck Delivery Method: **Henderson Delivers (100 miles or less)**





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CUSTOMER QUOTE

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Chassis Make: **Unknown**
Chassis Model Yr: **2021**
Useable CA/CT: **84in. CA REQUIRED**
Chassis Options 1: **Move battery box to passenger side**

Hitch Type: **Low Profile or Manual Tilt Type Hitch**
Mount Type: **Cheek Plate Mount Kit (Select type below)**
Mount Kit Model (Req'd): **Quick HCH Low Pro/MT Ck Plt Kit (No Wng, 34"w Full Frame)**
Front Bumper: **OEM Bumper Cut and Split**
Hitch Frame Rail Cover: **Alum style cover plate on hitch frame rails (IDC Supplied)**

Dump Body Type: **Mark E Single Axle**
Floor Length: **(10') Floor length**
Hoist Type: **Tele Trun Hoist with Subframe, Internal Doghouse**
Cylinder Type: **Double Acting**
Body Material (Sides/ends): **Stainless Steel Type Body Material**
Tailgate Release Type: **IDC supplied Electric over air valve**
Pressure Protection Valve: **Direct to air tank valve (All chassis except Int & Mack)**

Cabshield Install: **Supl'd by fact, welded to body @ IDC, sales to order w/ unit**
Grab Handle(s): **(1) Factory supl'd, install @ IDC (Sales to order with unit)**
Ladder(s): **Supplied by factory, Install @ IDC (sales to order w/ unit)**
Ladder Install QTY (Dump): **(1) LADDER INSTALLED @ IDC (LABOR ONLY)**
Ladder Install Style (Dump) 1: **Fold Down Side Ladder**
Ladder Install Loc 1 (Dump): **Driver Side Front**
Shovel Holder: **(1) IDC Supl'd Spring Loaded SS Shovel Holder w/ SS brckt**
Shovel Holder Loc (1): **Driver side body**

Spreader Type: **TGS**
TGS Drive Type: **Hydraulic Drive**
TGS Spinner Configuration: **Single Spinner Install**
TGS Body Type: **Standard straight gate body install**
TGS mounting type: **STD TGS brackets (supplied with unit)**
HYD QD Mount Brackets: **Stainless Steel QD Mount in front of dump body bolster**

Prewet/Liquid System: **Muni/BBMAXX Prewet System**
Drive Configuration: **Hydraulic Drive, Henderson Supplied (Sales to order w/unit)**
Controls: **Supplied by IDC (sales to order w/ hyd cntrls)**
Pwet Discharge Loc: **Front or Rear Spinner Only**
Slurry Tube: **Factory Supplied/Installed (sales to order w/unit)**
Liquid Options 1: **2.5 gal flush tank (1) PN:161566 & Brkt PN:165484.201 (1)**

Chassis Accessories: **Yes (SELECT RELATED OPTIONS BELOW)**
Mudflaps (Rear): **Swinging w/Logo**
Mudflap Type (Rear): **36" Swinging, SS (with LOGO)**
Fenders: **Poly fenders, Full Pair, single axle, SS mount**
Pintle Plate: **Yes (select from options below)**





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Pintle Plate Configuration: 3/4" Plate, PH20 Holes, SA w/ SubFrm (3LTC)
Pintle Plate D-Rings: Qty (2) 3/4" D-rings
Pintle Hook: 20 Ton
Glad Hands: Remount OEM gladhands (labor only)
Trailer Plug (1): Remount OEM Trailer Plug (QTY 1)
Truck Wash: Complete Truck Wash/Clean/Vac 1
Warranty: Standard 1 Year Warranty
Reflective Tape: Reflective Tape, Henderson Logo (60' Linear)
Install Touch-up: Basic Installation Touch-Up

Electrical: Yes (SELECT RELATED OPTIONS BELOW)
Power Distribution Panel: Power Distribution Panel
Misc Electrical Supplies: Req'd Misc Elect Supplies
Plow Lights: Plow Lts, Hella 220, HALO, FRTLINER (PAIR)
Plow Light Brackets: Plow Lt Brckts, SS, FRTLNR/Western Star/Other, Pair
Worklight(s) QTY: (QTY 2) Work Lights (Select type below)
Worklight (1) Type: LED, Worklight, 4in Round (Optilux)
Worklight (1) Gen Location: On rear of body
Worklight (2) Type: LED, Worklight, 4in Round (Optilux)
Worklight (2) Gen Location: Rear Spinner
Rear Dump Bolster (S/T/T): LED S/T/T/BU, MK3, Grote harness light kit
Rear Dump Bolster Strobes: 6" LED Oval Strobes, Amber, 1 PR, (order holes w/unit)

Back up alarm: Relocate chassis supplied b/u alarm (verify if incl w/ OEM)
Body up switch/light: Body UP Switch/Body Up Light (Trucklite)
License Plate Lights: IDC Supplied License Plate Light Gray Housing
Backbone & Wire Standoffs: 10' Backbone (For SA)
IDC Light Package: 72" Justice (ILDOT) w/2 wk lites, Short Risers

Hydraulics: Full Hydraulic Package
Hyd Supplier: Force America (Select Pkg Below)
Hyd Supplier (Spec): FORCE QUOTE# QT001-1205265-1
Controls Type: Electric Controls
PTO Type: Included in Hydraulics Package
Reservoir Type: Supplied With Hydraulics
Valve Enclosure Type: Supplied With Hydraulics
SS Tubing Upgrade: SA, F&R lines, 6' Frnt, 9' Rr
Quick Coupler Upgrade: Stainless Steel Quick Couplers
Front Plow Lift Q-Coup Upg: Not Required
Front Plow Rev Q-Coup Upg: (2PR) Frnt Plow Rev Q-Coupler
Wing Toe Q-Coup Upg: Not Required
Wing Heel Q-Coup Upg: Not Required
Spinner Q-Coup Upg: (2PR) Spinner Q-Coupler (1S)
Auger Q-Coupler Upg: (2PR) Auger Q-Coupler
Prewet Q-Coupler Upg: (1PR) Prewet Q-Coupler
Anti-Ice Coupler Upg: Not Required

Snow Plow Hitch





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Hitch, Truck Portion: Quick Link hitch, Low Profile
Lift Arm Type: Fold down arm for safe storage-current single point lift
Lift Arm Size: Telescoping Arm with 4x4x3/8" outer and 3x3x3/4" inner tube
Lift Lug(s): Standard 1/2" plate with key holes for 1/2" chain
Hydraulic Lift Cylinder: 3" x 2" x 10" Double Acting Nitrided Lift Cylinder, std
Custom Options: No Custom Options Required

PWS liquid pre-wetting system

Power Source: Hydrualic Powered Pump
Application: Munibody
Product Size: Munibody 10-12ft RDO
Control Box: No Valve, Hydraulic Powered Pump and Flow Meter
Pump: Upgraded Pump Rated at 8.2 GPM
Console: None-Deduct PWSH-I Console
Tank Size: No Tank(s)-Deduct MUNI 75 gal tank
Spray Assembly: No Nozzles
Prewet Installed: Installation on MUNIBody
Mounting Hardware: No Mounting Hardware or N/A

Total configured price: \$83,155.00
Sourcewell package discount: 10% plus freight
Discounted single package price: \$75,184.00
Package(s) : 1
Total: \$75,184.00

Sales tax may apply to this order but is not included in the package total. If you are tax exempt, please submit your exemption certificate to finance@hendersonproducts.com.
Due to current raw material market conditions this quote includes a 7% surcharge on Henderson equipment.
Quotes exceeding the expressed quote validity date are subject to surcharge revisions.

Signed: _____

Date: _____

Quote notes:
Quick Hitch attachment

