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TRANSMITTAL MEMORANDUM

TO:	The Honorable Mayor & City Council	Initials:	
FROM:	Lacey G. Simpson, Acting City Manager	File #:	MGR25-123
DATE:	February 28, 2025	Mtg. #:	03/06/25 CAd
RE:	Authorizing Procurement of a Public Works-Streets Division Replacement Dump Truck – RWC Group		

In adopting the 2025 General Government Operating & Capital Budget, the City Council appropriated \$522,500 to the Public Works-Street's Division's 5YD Dump Truck Replacement capital account for the purposes of purchasing a replacement for the division's 2000 Oshkosh 5 yd. front line dump truck. If adopted, the motion provides for authorizing the procurement of a replacement dump truck in an amount not to exceed \$487,931 from RWC Group with pricing through Sourcewell Contract No. 032824-NVS.

The rationale for the purchase is detailed in Public Works Contracts/Grants Administrator Bob Diaz's attached transmittal memorandum and requires no further elaboration on the part of the Manager's office. The procurement is exempt from competitive bidding or quotations pursuant to subparagraph 9 of Section 3.12.050(a) of the Ketchikan Municipal Code (KMC) but requires City Council approval pursuant to Section 3.12.040(c) as the cost exceeds \$50,000. As this purchase is exempt from competitive bidding by the KMC with City Council approval and funds were appropriated in the 2025 capital budget, I concur with the Contracts/Grants Administrator's recommendation.

A motion has been prepared for City Council consideration.

Recommended Motion:

Pursuant to Section 3.12.050(a)(9) of the Ketchikan Municipal Code, I move the City Council authorize the procurement of a replacement dump truck under Sourcewell Contract No. 032824-NVS from RCW Group in an amount not to exceed \$487,931; approve funding in the amount of \$487,931 from the Public Works-Street Division's 2025 5YD Dump Truck Replacement capital account; and direct the Acting City Manager to execute the purchase contract documents on behalf of the City Council.

PUBLIC WORKS / ENGINEERING DEPARTMENT
Seth Brakke, P.E., Public Works Director & Engineering Manager
Kara Jurczak, P.E., Assistant Public Works Director
Amanda Robinson, AIA, Assistant Public Works Director
Phone: 907.228.4727



MEMORANDUM

TO: Lacey Simpson, Acting City Manager
FROM: Bob Diaz, Contract/Grants Administrator
CC: Joe Nall, Streets Division Supervisor
VIA: Seth Brakke, Public Works Director
DATE: February 20, 2025
SUBJECT: **Authorize Purchase of 2025 CIP – Public Works – Streets – Oshkosh Dump Truck Replacement – RWC Group**

In adopting the General Government 2025 Capital Improvement Program, the City Council appropriated \$522,500 to the Streets Division for the replacement of a front line dump truck (52-267, 2000 Oshkosh) used for plowing, sanding, and laying down magnesium chloride. (See Attachment 1).

The new dump truck will be a 2026 International HV507 truck equipped with a Cummins diesel L9 330 and a Henderson Snow & Ice Package. (See Attachment 2).

The bid price of the dump truck, as obtained through Sourcewell Contract No. 032824-NVS is \$487,930.74 and will be provided by RWC Group (Anchorage, AK). Sourcewell contracts are competitively bid and include multiple criteria in order to determine a successful bidder. The primary benefit of using a Sourcewell contract is that it eliminates the need for member clients to independently solicit and award contracts for common equipment, supplies, or services.

It follows then that this acquisition is in compliance with Ketchikan Municipal Code, Section 3.12.050(a)(9), which clarifies when 'competitive bidding or quotations are not required'.

"When it is advantageous to the city to enter into a contract with a person, firm or corporation for the same supplies or services under substantially the same terms as such person, firm or corporation is providing another municipal or state government, or the United States, where such supplies or services are being provided the other government unit on the basis of formal bids, price quotations or other competitive proposal procedure or pursuant to a contract with or through such other

government unit so that the benefit of the price quotation or other competitive proposal accrues to the city”

If council approves, we anticipate the new dump truck to be available for service in early Spring of 2026.

A motion has been prepared for City Council consideration.

Recommended Motion:

I move that the City Council authorize the procurement of a replacement dump truck under Sourcewell Contract No. 032824-NVS through RCW Group, for an amount not to exceed \$487,931; approve funding in the amount of \$487,931 from the Street Division’s 2025 5YD Dump Truck Replacement capital account (725.00); and direct the City Manager to execute the purchase contract documents on behalf of the City Council.

Attachments

1. City 2025-2029 GG CIP, Page M-5
2. RWC Group Proposal Number 5665-01, dated 1/24/2025



RWC International, LLC dba RWC Group is pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #032824-NVS awarded to Navistar, Inc for new International Trucks. If you have any questions regarding enrollment in Sourcewell or detailed contract terms and conditions, please see your International Truck sales representative.

PROPOSAL PREPARED FOR:		PROPOSAL PREPARED BY:	
Sourcewell Member:	City of Ketchikan		RWC International, Ltd
Contact:	Nick Galloway		Mike Lash
Address:	3915 Tongass Ave		7880 Sandlewood Place
City/State/Zip:	Ketchikan, Alaska 99901		Anchorage, AK 99507
Phone:	(907) 228-4070		(907) 265-0225
Email:	nickgalloway@ketchikan.gov		mlash@rwcgroup.com

Proposal Number	5655-01
Date	1/24/2025
Quantity of this Specification	1
Single Sourcewell Transaction Total Volume	3

Chassis			
New 2026 International HV507 4x4 Chassis		\$	209,232.00
Base Chassis List	\$ 122,474.00		
Options List	\$ 86,758.00		
Sourcewell Contract Discount	31.0%	\$	(64,949.84)
Volume Incentive		\$	-
Material Price Increases		\$	-
Net Sourcewell Chassis Price		\$	144,282.16
Sourcewell Partner Body			
HENDERSON SNOW & ICE PACKAGE, PER Quote #164472		\$	312,112.00
		\$	-
Handling Fee	4.00%	\$	12,484.48
Non-Sourcewell Dealer Supplied Body			
		\$	-
		\$	-
Handling Fee	5.00%	\$	-
Additional Post Build Work			
Furnish and Install Schumacher SC1300 1.5A Battery Trickle Charger to be wired into the truck battery charging system and mounted inside battery box		\$	381.00
Furnish and Install Zerostart 3-Way Connector Weatherproof Receptacle and replace factory provided block heater receptacle. Plug extension cord for trickle charger & engine block heater into 3-way connector.		\$	304.00
Furnish and place in cab one set of Pewag tire chains for single tire application (two chains total). New Pewag USA 2247 S 75T Tire Chain, Pewag Star Stud Heavy Truck Studded - Singles 7mm. TSC to document inclusion of chains upon leaving TSC.		\$	469.00
Furnish and install Tekonsha Voyager 90885 electric brake controller underneath dash between cup holder and transmission console.		\$	467.00
Supply and install Floor Mat Minimizer for HV507/HV607		\$	243.00
Furnish and install side window vents, smoked translucent, Includes Side Window Deflector, Pair, Smoked Translucent		\$	238.00
		\$	-
Handling Fee	5.00%	\$	105.10
Service Contracts			
{Towing} Service Call to 60-Mo/Unlim Mi to the Nearest Navistar Dealer for Navistar Warrantable Failure as Contract Defined; Incl Engine Failure if Supplier Declines Tow Coverage & ESC Supplied thru Navistar; \$550 Maximum Benefit per Incident		\$	1,760.00
{Cummins} To 60-Mo/100K Mi, Extended Cummins L9 Engine Coverage, Protection Plan 1 and Aftertreatment		\$	5,110.00
{Allison} To 60-Mo/Unlim Mi, for Allison 3500 RDS with Utility or Other Vocations		\$	1,324.00
{Prepackaged Components} To 60-Mo/100K Mi, Incl Front Axle, Rear Axle, Propshaft, and Transfer Case		\$	880.00
Additional Freight			
FREIGHT CHARGE, Seattle, WA to Ketchikan, AK, AML		\$	4,240.00
		\$	-
		\$	-
Additional Floorplan			
FLOORPLAN INTEREST, 90 Additional Days for Body Installation, Transit Time and 30 Day Payment Terms		\$	3,531.00
		\$	-
Additional Fees & Taxes			
		\$	-
		\$	-
		\$	-
Final Sourcewell Per Vehicle Price FOB Ketchikan, AK		\$	487,930.74
Final Sourcewell Total Vehicle(s) Price		\$	487,930.74
Additional Sourcewell Qualified Content			
Silver Package Award		\$	1,200

Terms:

Stock unit in dealer's inventory, dealer will accept a final purchase order using the current Sourcewell pricing quoted above.

Dealer placing a new orders for the Sourcewell Member, the purchase order cannot be firmed up until the unit is slotted to build with a firm build date or lineset.

Once a firm build date has been established, dealer will provide the Sourcewell Member approved pricing and a final purchase order can be accepted with firm pricing.

Dealer cannot guarantee bodies and/or equipment pricing added to the chassis for a turnkey sale until chassis is lineset.

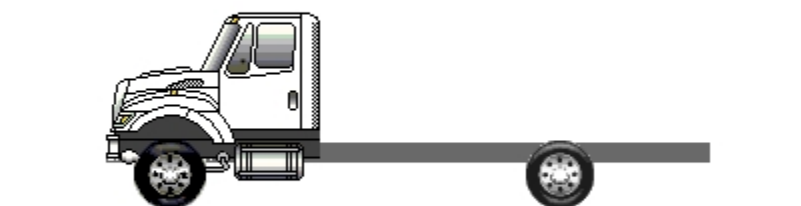
Prepared For:

City of Ketchikan
 Nick Galloway
 334 Front St.
 Ketchikan, AK 99901-6431
 (907)228 - 5615
 Reference ID: N/A

Presented By:

RWC INTERNATIONAL, LTD.
 Mike Lash
 7880 SANDLEWOOD PLACE
 ANCHORAGE AK 99507 -
 (907)279-9591

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
2026 HV507 SFA (HV507)

AXLE CONFIG:	4X4
APPLICATION:	Front Plow with spreader
MISSION:	Requested GVWR: 42000. Calc. GVWR: 42000. Calc. GCWR: 80000 Calc. Start / Grade Ability: 40.80% / 2.64% @ 55 MPH Calc. Geared Speed: 68.1 MPH
DIMENSION:	Wheelbase: 195.00, CA: 120.00, Axle to Frame: 75.00
ENGINE, DIESEL:	{Cummins L9 330} EPA 2024, 330HP @ 2200 RPM, 1000 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3500 RDS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT DRIVING:	{Meritor MX-16-120HR} Single Reduction, 16,000-lb Capacity, with Hub Piloted Wheel Mounting
AXLE, REAR, SINGLE:	{Dana Spicer S26-190D} Single Reduction, 26,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends Gear Ratio: 6.14
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L XDN2 (MICHELIN), 486 rev/mile, 75 MPH, Drive
TIRE, REAR:	(4) 315/80R22.5 Load Range L XDN2 (MICHELIN), 486 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE:	31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
PAINT:	Cab schematic 100WK Location 1: 9219, Winter White (Std) Chassis schematic N/A

(0012EYX)

ATTACHMENTS: 0012VXT 0012THT 0007SDP

<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Accelerator Vehicle Speed	68	MPH
Road Speed Governor Upper Droop	3	MPH
Road Speed Governor Lower Droop	0.0	MPH
Driver Initiated Override (DIO)	N, DISABLE FEATURE OR FUNCTION	N/A
DIO Maximum Road Speed Delta	3	MPH
DIO Maximum Distance	100	MILES
Max Engine Speed No Veh Speed Sensr	2184	RPM
LBSC Enable	N, DISABLE FEATURE OR FUNCTION	N/A
LBSC - Engine Speed Breakpoint	1800	RPM
Gear Down Protection Enable	N, DISABLE FEATURE OR FUNCTION	N/A
GDP - Heavy Load Vehicle Speed	62	MPH
GDP - Light Load Vehicle Speed	57	MPH
Driver Reward Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Driver Reward Mode	0, ROAD SPEED GOVERNOR	N/A
Fuel Economy - Expected Level	7.00	MPG
Fuel Economy - Good Level	7.25	MPG
Fuel Economy - Best Level	7.50	MPG
% Idle Time - Expected Level	30	%
% Idle Time - Good Level	20	%
% Idle Time - Best Level	10	%
Speed Reward - Expected Level	0	MPH
Speed Reward - Good Level	0	MPH
Speed Reward - Best Level	0	MPH
Speed Reward - Penalty Level	0	MPH
Idle Speed Adjustment Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
Low Idle Speed	750	RPM
Idle Shutdown Enable	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Time Before Shutdown	15.0	MIN
ISD Percent Engine Loading	100	%
ISD In PTO	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Manual Override	N, DISABLE FEATURE OR FUNCTION	N/A
ISD With Parking Brake Set	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Ambient Temperature Override	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Cold Ambient Air Temperature	30	F
ISD Intermediate Ambient Air Temp	40	F
ISD Hot Ambient Air Temperature	81	F
ISD Manual Override Inhibit Zone En	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Hot Ambient Automatic Override	Y	N/A
ISD Engine Coolant Temp Threshold	53	F
Cruise Control Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
CC Maximum Vehicle Speed	68	MPH
CC Save Set Speed	N, DISABLE FEATURE OR FUNCTION	N/A
CC Upper Droop	3.0	MPH
CC Lower Droop	0.0	MPH
CC Auto Resume	N, DISABLE FEATURE OR FUNCTION	N/A
CC Engine Brake Swtch Bypass Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Engine Fan Min On Time For AC	30	SEC
Remote Accelerator Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Remote Accelerator Mode	1, REMOTE ACCELERATOR PEDAL OR LEVER WITH TRANS VERIFICATION	N/A
PTO Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
PTO In Cab Mode	Y, ENABLE FEATURE OR FUNCTION	N/A
Remote PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Remote Station PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Max Engine Speed	2200	RPM

PTO Min Engine Speed	750	RPM
PTO Maximum Engine Load	800	LB-FT
PTO Max Vehicle Speed	2	MPH
PTO Accelerator Override	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Accel Override Max Engine Speed	2400	RPM
PTO Clutch Override	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Service Brake Override	Y, ENABLE FEATURE OR FUNCTION	N/A
PTO Parking Brake Interlock Mode	1, PTO PRK BRK INT TYPE SET TO CAB ONLY	N/A
PTO Transmission Neutral Interlock	Y, ENABLE FEATURE OR FUNCTION	N/A
PTO Eng Spd Limit w/VSS Limit	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Ignore Vehicle Speed Sensor	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Resume Switch Speed	925	RPM
PTO Set Switch Speed	850	RPM
PTO Additional Switch Speed	950	RPM
PTO Ramp Rate	250	RPM/SEC
Remote PTO Number of Speed Settings	1	N/A
Remote PTO Speed Setting 1	1000	RPM
Remote PTO Speed Setting 2	1200	RPM
Remote PTO Speed Setting 3	1400	RPM
Remote PTO Speed Setting 4	1400	RPM
Remote PTO Speed Setting 5	1500	RPM
Remote Station PTO Resume Sw Spd	1000	RPM
Remote Station PTO Set Switch Speed	1500	RPM
Remote Station PTO Addition Sw Spd	1500	RPM
Transmission Driven PTO	N, DISABLE FEATURE OR FUNCTION	N/A
Transmission Driven PTO Type	0, ENGINE DRIVEN STEADY LOAD	N/A
Powertrain Protection Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Max Torque Allow By Axle/Driveshaft	23602	LB-FT
Max Torque in Top Gear Range	2995	LB-FT
Max Torque in Int. Gear Range	2995	LB-FT
Max Torque in Low Gear Range	2995	LB-FT
Max Torque w/o Vehicle Speed	1475	LB-FT
Lowest Gear of Top Gear Range	2.00	N/A
Lowest Gear of Int. Gear Range	3.00	N/A
Lowest Gear of Low Gear Range	6.00	N/A
Engine Protection Shutdown	Y, ENABLE FEATURE OR FUNCTION	N/A
Engine Protection Restart Inhibit	Y, ENABLE FEATURE OR FUNCTION	N/A
Engine Prot Coolant Level Shutdown	N, DISABLE FEATURE OR FUNCTION	N/A
Sudden Veh Speed Decel Threshold	6.96	MPH
Trip Information Vehicle Ovrsped1	75	MPH
Trip Information Vehicle Ovrsped2	77	MPH
Veh Speed Sensor Anti Tamper Level	1, HIGH LEVEL	N/A
Maintenance Monitor Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Maintenance Monitor Operating Mode	0, MAINTENANCE MONITOR AUTOMATIC MODE OF OPERATION	N/A
Maintenance Monitor Alert Percent	90	%
Maintenance Monitor Distance	15000	MILES
Maintenance Monitor Fuel	2000	GALLONS
Maintenance Monitor Time	500	HOURS
Maintenance Monitor Interval Factor	1.00	N/A
Master Password	000000	N/A
Adjustment Password	000000	N/A
Reset Password	000000	N/A

These Electronic Parameters have been successfully finalized

Code	Description	List (US DOLLAR)
HV50700	Base Chassis, Model HV507 SFA with 195.00 Wheelbase, 120.00 CA, and 75.00 Axle to Frame.	\$122,474.00

AXLE CONFIGURATION

1ANB	AXLE CONFIGURATION 4x4	\$0.00
	<u>Notes</u> : Pricing may change if axle configuration is changed.	

ENGINE

12EYX	ENGINE, DIESEL {Cummins L9 330} EPA 2024, 330HP @ 2200 RPM, 1000 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 330 Peak HP (Max)	\$9,604.00
12VKC	EMISSION, CALENDAR YEAR {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2025	\$0.00
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty	\$0.00
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations	\$0.00
12WVG	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood	\$97.00
10UAV	VEHICLE REGISTRATION IDENTITY ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not for use on vehicles registering in CA/MA/OR/NJ/NY/WA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle.	\$0.00
	<u>Notes</u> : CANNOT BE REGISTERED IN CA. For vehicles that will be registered in States other than CA.	
12UWZ	RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler	\$0.00
	<u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber	
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed	\$0.00
	<u>Includes</u> : FAN Nylon	
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control	\$352.00
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	\$0.00
12849	BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines	\$98.00
	<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door	
12XBM	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines	\$60.00

Code	Description	List (US DOLLAR)
12WCG	HOSE CLAMPS, RADIATOR HOSES {R.G. Ray Mini Flex Seal} Coil Spring/"T"-Bolt Constant Torque Type, for Radiator Hoses over 1" I.D.	\$54.00
12851	PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted	\$353.00
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	\$0.00

TRANSMISSION

13BDR	TRANSMISSION, AUTOMATIC {Allison 3500 RDS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway	\$6,794.00
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab	\$156.00
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223	\$0.00
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released	\$0.00
13WAW	OIL COOLER, TRANSMISSION {Modine} Water to Oil Type	\$898.00
13WGC	OIL COOLER, TRANSFER CASE with Oil Coolant Lines Routed to Oil Cooler	\$83.00
13XAK	PTO LOCATION Customer Intends to Install PTO at Right Side of Transmission	\$0.00
13WDZ	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, S1 Performance in Primary and Fixed Programming in Secondary	\$48.00
13TKK	TRANSFER CASE {Meritor MTC-4210} 2-Speed, 10,000 lb-ft Torque Rating, Less PTO Provision, Electric Over Air Control, with Lube Pump	\$12,836.00
13WDB	TRANSFER CASE LUBE {EmGard 50W} Synthetic; 1 thru 14.99 Pints	\$0.00
13WGK	TRANSMISSION COOLER HOSES Stainless Steel	\$996.00
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints	\$203.00
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission	\$50.00

CLUTCH

11001	CLUTCH Omit Item (Clutch & Control)	\$0.00
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REAR AXLES, SUSPENSIONS

14AHL	AXLE, REAR, SINGLE {Dana Spicer S26-190D} Single Reduction, 26,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends . Gear Ratio: 6.14	\$3,473.00
14VAJ	SUSPENSION, REAR, SINGLE 31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs	\$305.00
14WMG	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 30 thru 39.99 Pints	\$198.00
14WAP	SHOCK ABSORBERS, REAR (2)	\$171.00

FRONT AXLES

Code	Description	List (US DOLLAR)
2ESV	AXLE, FRONT DRIVING {Meritor MX-16-120HR} Single Reduction, 16,000-lb Capacity, with Hub Piloted Wheel Mounting <u>Notes</u> : Axle Lead Time is 120 Days	\$19,832.00
2WLC	AXLE, FRONT DRIVING, LUBE {EmGard FE-75W-90} Synthetic Oil; 1 thru 29.99 Pints	\$147.00
FRONT SUSPENSIONS		
3ADE	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 16,000-lb Capacity, with Shock Absorbers	\$350.00
CABS, COWLS, BODIES		
16030	CAB Conventional, Day Cab	\$0.00
16ZJA	ACCESS, CAB Aluminum, Self-Cleaning, Open and Serrated Design, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab, Extended Cab or Sleeper Cab	\$777.00
16BAM	AIR CONDITIONER with Integral Heater and Defroster	\$0.00
16WBY	ARM REST, RIGHT, DRIVER SEAT	\$45.00
16ATC	AUTOMATIC CLIMATE CONTROL Automatically Maintains Cabin Comfort Based on Selected Temperature	\$98.00
16VKB	CAB INTERIOR TRIM Classic, for Day Cab <u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap	\$0.00
16XCW	CAB, INTERIOR TRIM, CLOSEOUT Under IP, Driver Side	\$48.00
16WSK	CAB REAR SUSPENSION Air Bag Type	\$0.00
16WEE	CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator	\$90.00
16XXC	COWL TRAY LID	\$200.00
16ZPH	FLOOR, COATING LINE-X, Applied to Interior Cab Floor	\$1,200.00
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	\$76.00
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer <u>Includes</u> : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)	\$0.00
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} Mounted in Instrument Panel	\$30.00

Code	Description	List (US DOLLAR)
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission	\$48.00
16SGH	GRAB HANDLE, EXTERIOR (2) Chrome, for Cab Entry, (1) Towel Bar Type, with Anti-Slip Rubber Inserts Mounted Left Side at B-Pillar, (1) Towel Bar Type Mounted Right Side on Vertical Exhaust	\$236.00
16WHJ	HOSE CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type	\$25.00
16XJN	INSTRUMENT PANEL Flat Panel	\$0.00
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	\$0.00
16SNR	MIRRORS (2) C-Loop, Power Adjust, Heated, LED Clearance Lights, Bright Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width	\$442.00
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"	
16SNX	MIRROR, CONVEX, LOOK DOWN Right Side, Bright, 6" x 10.5"	\$57.00
16SJX	MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Bright, Heated, 7.5" Sq.	\$430.00
16VUY	MONITOR, TIRE PRESSURE System Gives Warning that Tire Pressure is Below Set Pressure, Monitors Tire Pressure of Each Tire with Temperature Compensation, Data Displayed in the LCD of the Cluster, for 4x2 and 4x4 Axle Configurations, Does Not Include Lift Axles or Spare Wheels	\$0.00
16KZW	SEAT, DRIVER {National 2000 195} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Angle Back Adjust	\$0.00
16LUM	SEAT, PASSENGER {National} Non Suspension, High Back with Integral Headrest, Vinyl, with Fixed Back, with Under Seat Storage	\$518.00
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	\$0.00
16XWJ	WINDSHIELD WIPER BLADES Winter Type	\$30.00

FRAMES

1CAJ	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL	\$783.00
1LZD	BUMPER, FRONT Swept Back, Aluminum, Stainless Steel Clad, Heavy Duty	\$469.00
1MEJ	FRAME DIMPLE Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline	\$26.00
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille	\$590.00
1570	TOW HOOK, FRONT (2) Frame Mounted	\$84.00
1WGG	WHEELBASE RANGE 181" (460cm) Through and Including 205" (520cm)	\$811.00

BRAKES

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	\$0.00
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster	

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
	: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel	
	: PARKING BRAKE VALVE For Truck	
	: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4	
	: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6	
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System	\$0.00
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake	\$0.00
4XDT	BRAKES, FRONT {Meritor 16.5X6 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity	(\$1,068.00)
4ETG	BRAKE CHAMBERS, FRONT AXLE {MGM} 24 Sqli	\$47.00
4LAA	SLACK ADJUSTERS, FRONT {Haldex} Automatic	\$38.00
4XEG	BRAKE COATING, FRONT Platinum Shield, for Meritor Air S-Cam Brakes	\$67.00
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes	\$35.00
4XCY	BRAKES, REAR {Meritor 16.5X7 Q-PLUS HD} Air S-Cam Type, Cast Spider, Heavy Duty Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 26,000-lb Capacity per Axle	(\$1,124.00)
4EXR	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/36 Sqli Spring Brake	\$140.00
4LGA	SLACK ADJUSTERS, REAR {Haldex} Automatic	\$58.00
4XEH	BRAKE COATING, REAR Platinum Shield, for Meritor Air S-Cam Brakes	\$120.00
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes	\$70.00
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM	\$0.00
4EBT	AIR DRYER {Bendix AD-IP} with Heater	\$526.00
4VGG	AIR DRYER LOCATION Mounted Inside Left Rail, Behind Transfer Case Mounting	\$70.00
4VCL	AIR TANK LOCATION (2) Mounted Back of Cab, Outside Right Rail, with Ground Clearance	\$208.00
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank	\$0.00
<u>STEERING</u>		
5PSL	STEERING GEAR {Sheppard M110} Power	\$447.00
5710	STEERING COLUMN Tilting and Telescoping	\$463.00
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black	\$0.00
<u>DRIVELINES</u>		
6DHK	DRIVELINE SYSTEM {Dana Spicer} SPL170 Main Driveline, 1710 Driveline to Transfer Case, SPL140 Driveline to Front Axle, for 4x4	\$612.00
<u>EXHAUST SYSTEMS</u>		
7BMA	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab, for All-Wheel Drive	\$1,588.00
7BEU	AFTERTREATMENT COVER Aluminum	\$278.00

Code	Description	List (US DOLLAR)
7SDP	ENGINE COMPRESSION BRAKE {Jacobs} for Cummins ISL/L9 Engines; with Selector Switch and On/Off Switch	\$2,446.00
7WCM	EXHAUST HEIGHT 8' 10"	\$0.00
7WBS	MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	\$133.00
7WBA	TAIL PIPE (1) Turnback Type, Bright	\$208.00

ELECTRICAL SYSTEMS

8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	\$0.00
	Includes : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered	
8GXB	ALTERNATOR {Leece-Neville AVI160P2003} Brush Type, 12 Volt, 240 Amp Capacity, Pad Mount, with Remote Sense	\$501.00
8RPP	ANTENNA Shark Fin, Roof Mounted	\$0.00
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	\$158.00
8WDG	BACK-UP ALARM {Preco 1059} Electronic; Solid State, Dual Function, 112 dBA	\$211.00
8VUM	BATTERY BOX Aluminum, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Left Side Back of Cab	\$410.00
OBD001	BATTERY BOX COVER TOPS ERROR - TOPS REQUIRING 08WWD BATTERY BOX COVER Stainless Steel, Bright Finish WITH BATTERY BOX & ENGINE SELECTED	\$0.00
8XGE	BATTERY BOX MODIFICATION Plastic Pad Added Inside Bottom of Battery Box, Additional Plastic Pad Covering All Batteries	\$189.00
8XHD	BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted	\$397.00
8MJU	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2850CCA Total, Top Threaded Stud	\$282.00
8875	BATTERY TERMINALS Sealed	\$51.00
8HAU	BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn	\$302.00
8RGA	2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab	\$211.00
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	\$0.00

Code	Description	List (US DOLLAR)
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	\$0.00
8HAH	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket	\$363.00
8XKC	HEADLIGHTS Halogen, with Daytime Running Lights, Automatic Twilight Controlled	\$139.00
8XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord	\$94.00
8541	HORN, ELECTRIC (2) Disc Style	\$29.00
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm	\$0.00
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord	\$30.00
8XPK	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB-A Port and USB-C Port, Located in the Instrument Panel	\$109.00
8RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input	\$483.00
8RPB	RADIO, STEERING WHEEL CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect	\$103.00
8RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars	\$90.00
8WXG	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	\$151.00
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	\$42.00
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	\$0.00
FRONT END		
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV	\$0.00
9585	FENDER EXTENSIONS Rubber	\$104.00
9HBM	GRILLE Stationary, Chrome	\$0.00
9AAB	LOGOS EXTERIOR Model Badges	\$0.00
9AAE	LOGOS EXTERIOR, ENGINE Badges	\$0.00
SPEEDOMETER, TOOLS, MISC		
10028	CHASSIS COATING Extreme Corrosion Resistant Galvanized and Painted Finish, for Single Frame Rails	\$1,738.00
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360	\$0.00
10JPA	CUSTOMER IDENTITY for Sourcewell	\$0.00
10XAN	FIRE EXTINGUISHER 5 lb Class A B C	\$154.00
10XAP	FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat	\$0.00
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	\$0.00

Code	Description	List (US DOLLAR)
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WK"	
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	\$0.00
10SLV	PROMOTIONAL PACKAGE Government Silver Package	\$0.00
10WCY	SAFETY TRIANGLES	\$47.00
10DDG	TRACKING for Henderson Body Company	\$0.00

FUEL TANKS

15SGJ	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab	\$100.00
15WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab	\$0.00
15924	FUEL TANK STRAPS Bright Finish Stainless Steel	\$260.00
15LNS	FUEL/WATER SEPARATOR {Racor 400 Series} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine	\$123.00

WHEELS, TIRES - FRONT

27DUL	WHEELS, FRONT {Accuride 29300} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	\$259.00
7652543264	(2) TIRE, FRONT 315/80R22.5 Load Range L XDN2 (MICHELIN), 486 rev/mile, 75 MPH, Drive	\$2,650.00

WHEELS, TIRES - REAR

28DUL	WHEELS, REAR {Accuride 29300} DUAL DISC: 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	\$455.00
7652543264	(4) TIRE, REAR 315/80R22.5 Load Range L XDN2 (MICHELIN), 486 rev/mile, 75 MPH, Drive	\$5,300.00

WHEELS MISC OPTIONS

29WAP	WHEEL GUARDS, FRONT {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts Mounted Between Hub and Wheel	\$24.00
29WAR	WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels	\$24.00

BODY INTEGRATION

60AAH	BDY INTG, REMOTE POWER MODULE (2) Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs Each, Max 20 amp per Channel, Max 80 amp Total; Includes 2 Switch Packs with Latched Switches	\$1,480.00
60ABN	BDY INTG, RPM I/O HARNESS Includes Two Harnesses with Six Input Blunt Cut Wires and Six Output Blunt Cut Wires, for use with Two RPM	\$62.00

Total of Product Features **\$209,232.00**

Services Section:

Code	Description	List (US DOLLAR)
WARRANTY		
40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A	\$0.00
40RBK	SERVICES, TOWING Service Call to 60-Month/Unlimited Mileage to the Nearest Navistar Dealer for Navistar Warrantable Failure as Contract Defined; Includes Engine Failure if Supplier Declines Tow Coverage & ESC Supplied thru Navistar; \$550 (USA) Maximum Benefit per Incident	\$1,760.00
40YZL	SRV CONT, EXT CUMMINS ENG/AFTR To 60-Month/100,000 Miles (160,000 km), Extended Cummins L9 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only)	\$5,110.00
40TVZ	SRV CONTRACT, EXT ALLISON XMSN To 60-Month/Unlimited Miles/km, for Allison 3500 RDS with Utility or Other Vocations (ST08, ST17-ST22, TT01, TT02, TT05, AG04, SP01, SP03-SP05)	\$1,324.00
40YDM	SRV CONTRACT, EXT MAJOR COMP {Prepackaged Components} To 60-Month/100,000 Miles (160,000 km), Includes Front Axle, Rear Axle, Propshaft, and Transfer Case	\$880.00
	Total of Service Features	\$9,074.00
	Total List Price Including Options:	\$218,306.00 (US DOLLAR)
1	HENDERSON SNOW & ICE PACKAGE, PER Quote #164472 Force America Hydraulics 10' Mark E Single Axle Dump Body 10' Oscillating Underbody Scraper 10' Reversible Snow Plow 34" Hustling Snow Plow Hitch 10' StormXtreme Slide-in Mount Spreader Freight for Plow to Ketchikan Included Freight for Truck with Dump, Spreader & UBS to Seattle	\$324,596.48
	Total Body Allied:	\$324,596.48 (US DOLLAR)
NAV	FET Tire Credit	(\$316.98)
RWC	FLOORING INTEREST, ADDITIONAL, 90, For Body Installation, Transportation and Net 30 Payment Terms	\$3,531.00
TSC	Furnish and Install Schumacher SC1300 1.5A Battery Trickle Charger wired into the truck battery charging system to be mounted inside battery Box 8MJU.	\$400.05
TSC	Furnish and Install Zerostart 3-Way Connector Weatherproof Receptacle and replace factory provided engine block heater's receptacle. Plug extension cord for trickle charger and engine block heater into three way connector.	\$319.20
TSC	Furnish and place in cab one set of Pewag tire chains for single tire application (two chains total). New Pewag USA 2247 S 7ST Tire Chain , Pewag Star Stud Heavy Truck Studded - Singles 7mm. TSC to document inclusion of chains upon leaving TSC.	\$492.45
TSC	Furnish and install Tekonsha Voyager 90885 electric brake controller underneath dash between cup holder and transmission console. Unit must have 8HAH or 8HAG installed from the factory.	\$490.35
TSC	Supply and install Floor Mat Minimizer for HV507/HV607	\$255.15

<u>Code</u>	<u>Description</u>	<u>List</u> (US DOLLAR)
TSC	Furnish and install side window vents, smoked translucent, Includes Side Window Deflector, Pair, Smoked Translucent	\$249.90
Total Goods Purchased:		\$5,421.12



HENDERSON

PRODUCTS, INC.

916 S 10TH ST
MANCHESTER, IA 52057
PHONE: 563-927-7000
FAX: 563-927-7001

CUSTOMER QUOTE

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To: Bob's Service
Attn: Bill Brown
Quote Date: 7/11/2024
Valid Until: 9/9/2024

Quoted By: Doug Frauenholtz
Phone: 563-927-2828
Cell: 563-929-0071
Fax: 563-927-2521
Email: dfrauenholtz@hendersonproducts.com

Quoted:
Plow, Dump, Scraper and FRS

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

Installation Workup

Facility: **IDC-IA**
Chassis Delivery To Henderson: **Truck Dealer/Customer Delivers**
Completed Truck Delivery Method: **Customer Pick-Up**
Chassis Make: **International**
Chassis Model Yr: **2024**
Chassis Model: **HV507**

Hitch Type: **Low Profile or Manual Tilt Type Hitch**
Mount Type: **Cheek Plate Mount Kit (Select type below)**
Mount Kit Model (Req'd): **Low Pro/MT Ck Plt Kit (No Wng, 34"w Full Frame)**
Front Bumper: **Structural Channel Bumper (2pc design) (IDC Material)**

Front Plow Type: **Standard Henderson Plow**
Plow Markers (Front Plow): **IDC Install of fact supplied markers, sales to order w/ unit**
Rubber Deflector Install: **Supplied/Installed @ Factory, sales to order w/ unit**
Running Gear Install: **Supplied/Installed @ Factory (sales to order w/ unit)**
Plow Jack Install: **Supl'd/Instl'd on plow @ Factory, Sales order with unit**

Scraper Type: **Rev Underbody Scraper Install with STD trip spring canisters**

Dump Body Type: **Mark E Single Axle**
Floor Length: **(10') floor length**
Hoist Type: **Tele Trun Hoist with Subframe, Ext Dhouse, add's 1' overall**
Cylinder Type: **Double Acting**
Body Material (Sides/ends): **Stainless Steel Type Body Material**
Tailgate Release Type: **IDC supplied Electric over air High Lift valve**
Pressure Protection Valve: **Direct to air tank valve (All except Int & Mack) HLTG**
Cabshield Install: **Supl'd by fact, welded to body @ IDC, sales to order w/ 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): **Passenger Side Front**
Shovel Holder: **(1) IDC Supl'd Spring Loaded SS Shovel Holder w/ SS brckt**
Shovel Holder Loc (1): **Driver side headsheet**





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CUSTOMER QUOTE

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Vibrator: **Cougar Vib, DC2700 kit, 50' cable, SA (order vib pad w unit)**
Tarp Brand: **US Tarp (order 86" c/s if using integral shield)**
Tarp System: **Electric Tarp, Bullet Proof Arms, w/o Wind Deflector**
Tarp Material: **Black Vinyl (Asphalt rated)**
Tarp Length: **13' Body Length or Shorter (BV, US)**

Body Spec Notes:

Spreader Type: **FRS**
FRS Mount Type: **Slip in Mount**
FRS Spinner Configuration: **Standard Spinner install**

Prewet/Liquid System: **LAS Prewet System**
Controls: **Supplied by IDC (sales to order w/ hyd cntrls)**
Controls Installation: **Integrated w/ Hyd Controls**
Mount Type: **Slip-In Installation (ORDER TIEDOWN/TRUNNION AS NEEDED)**

Liquid Details:

Chassis Accessories: **Yes (SELECT RELATED OPTIONS BELOW)**
Mudflaps (Rear): **Swinging w/Logo**
Mudflap Type (Rear): **36" Swinging, SS (with LOGO)**
Mudflaps (Front): **Frame Mounted w/Logo**
Mudflap Type (Front): **Frame Mntd, Rubber, SS w/anti-sail brackets W/Logo**
Fenders: **Poly fenders, Full Pair, single axle, SS mount**
Pintle Plate: **Yes (select from options below)**
Pintle Plate Configuration: **3/4" Plate, BP200 Holes, SA w/SubFrm (w/3LTC)**
Pintle Plate D-Rings: **Qty (2) 3/4" D-rings**
Pintle Hook: **25 Ton, Swivel Type**
Tow Hooks: **Tow Hooks, 44,000 lb, PAIR (installed rear of chassis)**
Glad Hands: **Remount OEM gladhands (labor only)**
Trailer Plug (1): **7 Pin Trailer Plug, Round, Plastic**
Truck Wash: **Complete Truck Wash/Clean/Vac 1**
Warranty: **Standard 1 Year Warranty**
Install Touch-up: **Basic Installation Touch-Up**
Chassis Install Options 1: **SS Wheel Chock and Holder (2) 176064 (2) 139955.201**

Electrical: **Yes (SELECT RELATED OPTIONS BELOW)**
Power Distribution Panel: **Power Distribution Panel**
Misc Electrical Supplies: **Req'd Misc Elect Supplies**
Plow Lights: **Plow Lts, LED, Heated, Tlite, Round, Pair**
Plow Light Brackets: **Plow Lt Hood Brckts, SS, INTERNATIONAL**
Worklight(s) QTY: **(QTY 3) Work Lights (Select type below)**
Worklight (1) Type: **Flood Light, ABL, 2500 Led**
Worklight (1) Gen Location: **Rear Spinner**
Worklight (2) Type: **Flood Light, ABL, 2500 Led**
Worklight (2) Gen Location: **Scraper**





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Worklight (3) Type: **Flood Light, ABL, 2500 Led**
Worklight (3) Gen Location: **Scraper**
Cab Beacon: **LED Mini Ltbar, 201SS Stationary Mntng Brkct, Top Mnt**
Rear Dump Bolster (S/T/T): **LED S/T/T, kit (West) (order holes)**
OEM Light Remount: **Remount OEM Chassis Lights**
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 (Buy)**
Brake controller: **Brake Controller, Voyager Brake Controller**
Backbone & Wire Standoffs: **10' Backbone (For SA)**
Camera: **RVS**
Camera Kit: **Camera Sys, 7" LED Scrn, 1 Camera**
Grill Light(s): **LED Mini-flashers w/ bracket (pair)**
Electrical Install Opt 1: **Add the same strobe light bar to back of Storm Extreme**
Electrical Install Opt 2: **INstall 2 Way radio and Antenna**
Electrical Install Opt 3: **Junction Box Phillips Part Number 15961**

Electrical Spec Notes:

Hydraulics: **Full Hydraulic Package**
Hyd Supplier: **Force America (Select Pkg Below)**
Hyd Supplier (Spec): **QT001-1363150-2**
Controls Type: **Electric Controls**
Reservoir Type: **30 Gal Cradle Mount, Stainless Steel**
Valve Enclosure Type: **Supplied With Hydraulics**
Low Oil Shut Down: **Yes, included in Hyd Pkg**
High Temp Oil Shut Down: **Yes, included in Hyd Pkg**
Low Oil Indicator: **Yes, included in Hyd Pkg**
Return Filter: **Provided with Hydraulics**
SS Tubing Upgrade: **SA,Rear Lines Only, 9' Lines**
Quick Coupler Upgrade: **Standard Quick Couplers**
Hyd Options 1: **Enclosure AK tool box style 11 section 182563.201**

Hydraulics Notes:

HPI MarkE

COUNTRY/LANGUAGE: **USA/ENGLISH**
FAMILY: **MARK E, CLASSIC**
FLOOR LENGTH: **10' FLOOR LENGTH**
SIDE HEIGHT: **30" SIDE HEIGHT**
BODY MATERIAL(SIDES/HEADSHEET): **7GA 201SS SIDES/HEADSHEET**
SIDE BRACES: **(1) 10GA 201SS WELD ON SIDE BRACE**
TOP RAIL/RUB RAIL MATERIAL: **7GA 201SS TOP & RUB RAILS**
REAR BOLSTER HEIGHT: **8" BOLSTER, 2-1/8" POCKETS**





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REAR BOLSTER MATERIAL: 7GA 201SS REAR BOLSTERS
FRONT BOLSTER: NO FRONT BOLSTERS
FLOOR MATERIAL: 1/4" AR400 FLOOR
HOIST TYPE: TRN MT HOIST, EXT DH, SUBFRM, DA
CYLINDER MODEL: CS/G4, DBL ACT, 2YR SALT WTY*
HOOKLIFT A-FRAME: NON-HOOKLIFT
HOIST MOUNT TYPE: STANDARD SUBFRAME
INSTALL HOIST & CRADLE: UPFITTER INSTALLED H&C
LONGSILLS: 5" I-BEAM LONGSILLS, FULL WELD
BODY HINGE MAINTENANCE: GREASELESS BUSHINGS
TAILGATE STYLE: BOLSTER ENCASED HIGH LIFT
TAILGATE SHEET MATERIAL: 10GA 201SS TAILGATE SHEET
TAILGATE LINER: 3/16" AR400 TAILGATE LINER
COAL CHUTE: SINGLE 13" CENTERED COAL CHUTE
EXTENDED COAL CHUTE HANDLE: NO EXTENDED COAL CHUTE HANDLE
TAILGATE BRACE: 1 HORIZONTAL TAILGATE BRACE
TAILGATE LIFT STYLE/LOCATION: SINGLE CENTERED D-RING, INTERIOR
TAILGATE RELEASE & CONTROL: DOUBLE ACTING, SS BUSHING, TG RELEASE
TAILGATE HINGE: STD, 1-1/4" PIN, 1" PLT
TAILGATE CHAINS: ZINC TAILGATE CHAINS
BOLSTER CHAIN HOOKS: NO CHAIN HOOKS
HORIZONTAL J-HOOKS: HORIZONTAL J-HOOKS
TAILGATE PIN LANYARDS: NO TAILGATE PIN LANYARDS
TAILGATE AIR VALVE: UPFITTER SUPPLIED TAILGATE AIR VALVE
LUBRICATION: GREASELESS PINS, JAWS, & SHAFT
CABSHIELD STYLE/WIDTH/OVERHANG: WELD-ON, 22"x86", NO TARP SHROUD
CABSHIELD MATERIAL: 201SS, 10GA PANEL, 7GA ENDS
CABSHIELD INSTALLATION: CABSHIELD SHIPS LOOSE
CABSHIELD OFFSET: OFFSET NOT APPLICABLE
CABSHIELD LIGHTING: NO CABSHIELD LIGHTS
ASPHALT LIP: NO ASPHALT LIP
SIDE BOARDS: NO SIDEBOARDS
SIDE LADDER LOCATION: LADDER/GRBHND, DS/CS REAR, INSTL
SIDE LADDER TYPE: LADDER, PULLOUT 201SS, FIXED UPR
BODY STEPS: NO INTERIOR STEPS
RUB RAIL LIGHTING: NO RUB RAIL LIGHTING
REAR BOLSTER MARKER LIGHTING: 2.5" RED REAR BLSTR LIGHT
REAR FACING REAR BOLSTER LIGHT: 2 OBOUNDR LIGHT
LIGHTING ADD ONS: NO WELD-ON LIGHT BOX
LIGHTING PACKAGE: UPFITTER SUPPLIED LIGHT PACK
PWS TANKS: NO PREWET TANKS
PREWET PREP: NO PREWET BOX BRACKET
WALK RAILS: NO WALK RAILS
TARP RAILS: NO TARP RAILS
VIBRATOR LOCATION: NO VIBRATOR
TGS INSTALLATION: NO FACTORY INSTALLED TGS
TGS INTEGRATION: NO TGS SPILL SHIELDS
TGS/ASPHALT LIP MOUNT HOLES: NO MOUNT HOLES IN BOLSTER
FINISH PREP: WASH & PRIME MILD PARTS ONLY



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HENDERSON

PRODUCTS, INC.

916 S 10TH ST
MANCHESTER, IA 52057
PHONE: 563-927-7000
FAX: 563-927-7001

CUSTOMER QUOTE

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PAINT/FINISH: **NO FINISH**

NOTE 1:: **ADDITIONAL CUSTOM OPTION**

CUSTOM OFFERING: **Full with Cradle for Valve and Reservoir**

NOTE 2:: **NO ADDITIONAL CUSTOM OPTIONS**

NOTE 3:: **NO ADDITIONAL CUSTOM OPTIONS**

NOTE 4: **NO ADDITIONAL CUSTOM OPTIONS**

NOTE 5: **NO ADDITIONAL CUSTOM OPTIONS**

NOTE 6: **NO ADDITIONAL CUSTOM OPTIONS**

NOTE 7: **NO ADDITIONAL CUSTOM OPTIONS**

NOTE 8: **NO ADDITIONAL CUSTOM OPTIONS**

Underbody scraper

Moldboard Angling: **Power reverse moldboard, standard**

Scraper Length / Height: **10' oscilating / 20" height 1" thick moldboard**

Cushion Valve for Reversing Cylinders: **Yes**

Relief Valve for Scraper Down Pressure: **Yes**

Cutting Edge: **3/4" x 6" carbide cutting edge**

Reversible snow plow

Plow Length: **10' length**

Moldboard Trip: **Adjustable cutting edge trip - torsion spring**

Pushframe Type: **Heavy Duty Outboard Cylinders Type**

Moldboard Height: **42" height**

Moldboard Shield: **Integral shield**

Moldboard Sheet Material: **10 GA GR50 steel (standard)**

Adjustable Trip Spring: **Adjustable cutting edge trip springs**

Hydraulic Cylinders: **3" x 16" single acting nitrided reversing cylinders**

Paint: **Henderson Orange**

12" Rubber Deflector: **Yes, w/ SS Backer**

Install Rubber Deflector: **Yes**

36" Plastic Side Markers, Pair: **Yes**

Parking Jack, Screw Adjustable: **Yes**

Install Parking Jack: **Yes**

Cutting Edge: **Std 5/8" x 8" One Piece AASHTO punch**

Squeegee Option: **Air Operated Trailing Squeegee Blade**

Hitch, Plow Portion: **Quick hitch**

Plow portion hitch width: **30.5"**

Plow Portion Installed on Plow: **Yes**

Hitch, Truck Portion: **See HPH or HCH for Truck portion hitch**

Custom Option Fields: **No Custom Options Required**

Snow Plow Hitch

Reversing Cylinder Style: **None or Top mount reversing cylinders**





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Plow Portion Hitch: **Plow portion picked under plow**
Hitch, Truck Portion: **34" Hustung hitch**
Bumper to Frame Mounting Kit: **No, upfitter supplied mounting**
Hydraulic Lift Cylinder: **4" x 2" x 10" Double Acting Nitrided Lift Cylinder**
High Pressure QD System: **No High Pressure QD System**
Holding Valve for Lift Cylinder: **No Holding Valve For Lift Cylinder**
Husting Roller Kit: **No roller kit required**
Custom Options: **No Custom Options Required**

StormXtreme

COUNTRY/LANGUAGE: **USA/ENGLISH**
FAMILY: **STORM-EXTREME**
PACKAGES: **NO PACKAGE**
MOUNT TYPE: **SLIDE-IN MOUNT WITH STAND**
BODY CONSTRUCTION: **201 GRADE STAINLESS STEEL**
CONVEYOR STYLE: **AUGER CONVEYOR**
REAR CABINET: **REAR CABINET ENCLOSURE**
HOPPER LENGTH: **10' HOPPER W/ 1' EXT CONVEYOR**
UNIT DIMENSION: **66" TALL (82" OW X 62" HOPPER)**
GRANULAR CAPACITY: **5.2 CU.YD GRANULAR CAPACITY**
LIQUID CAPACITY: **1080 GALLON LIQUID CAPACITY**
CONVEYOR TYPE: **DUAL VARI PITCH AUGER**
DRIVE TYPE: **24.9CIR MTR W/ 3.6:1 PLANETARY**
CONVEYOR FEEDBACK: **M12 CONVEYOR SPEED SENSOR**
IDLER TYPE: **STANDARD AUGER IDLER**
IDLER GREASE EXTENSION: **IDLER GREASE EXTENSIONS**
TOP SCREENS: **STD DUTY TOP SCREEN, SS**
INVERTED VEE: **INVERTED VEE, INSTALLED**
SPINNER TYPE: **DIRECT CAST SPINNER CHUTE**
SPINNER DISC: **DIRECT CAST SPINNER DISC**
SPINNER TIP-UP: **NO SPINNER TIP UP KIT**
ANTI-ICE PUMP: **207GPM CAST IRON ANTI-ICE PUMP**
ANTI-ICE FEEDBACK: **M12 10-100GPM ANTI-ICE FLOWMTR**
ANTI-ICE SPRAY BOOM: **3 LANE SPRAY BOOM**
ANTI-ICE BOOM NOZZLES: **24GPM PER LANE, BRASS**
PREWET PUMP SIZE: **8.2 GPM PREWET PUMP**
PREWET FEEDBACK: **M12 .5-5GPM PREWET FLOWMTR**
PREWET SLURRY: **SLURRY & SPINR PWET, MAN VLV**
PREWET SPINNER DISCHARGE: **PREWET FIXED SPRAY NOZLS, BRASS**
PREWET FLUSH KIT: **NO PREWET FLUSH TANK KIT**
AUGER FLOW DIVIDER: **NO AUGER FLOW DIVIDER**
SPREADER VALVE: **UPFITTER SUPPLIED VALVE**
DIRECTCAST VALVE: **UPFITTER SUPPLIED DCAST VALVE**
CONTROLS: **UPFITTER SUPPLIED CONTROLS**
MOUNT KIT: **STAINLESS LEG STAND ASSEMBLY**
HOLD DOWN KIT: **RATCHET STRAP HOLD DOWN KIT**
METAL SPILL SHIELDS: **FRONT SPILL SHIELD**



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RUBBER SIDE SPILL SHIELDS: NO RUBBER SIDE SPILL SHIELDS

LIGHTING TYPE: CABINET MOUNTED LIGHTING

REAR CABINET LIGHT HOLES: 3 OBOURND LIGHT HOLES W/ ICC

LIGHT PACKAGE: LED S/T/T-BU-ICC W/ AMBR STRBE

LIGHT CONNECTORS: HARNESS CONNECT: CHASSIS REAR

NOTE 1:: ADDITIONAL CUSTOM OPTION

CUSTOM OFFERING:

NOTE 2:: NO ADDITIONAL CUSTOM OPTIONS

NOTE 3:: NO ADDITIONAL CUSTOM OPTIONS

Driveaway: \$6,800.00 - To Seattle

Freight for plow: \$6,600.00 - To Ketchikan

Single package total: \$312,112.00

Package(s): 1

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 the volatility in material costs and chassis delays, pricing is subject to change at time of manufacturing and/or upfit.

Signed: _____ Date: _____

Quote notes:

Henderson offers a deposit program with additional discounts. Please contact your Henderson sales representative for more details.

The buyer agrees to indemnify, defend and hold Seller and its officers, directors, employees, shareholders, affiliates, agents, representatives, successors and assigns harmless from any and all claims, actions, demands, penalties, legal proceedings, judgements, settlements, sums, costs, liabilities, losses, obligations, damages, penalties, fines, costs, and other expenses (including but not limited to reasonable attorney's fees) relating to, arising out of or resulting from (i) the buyer's, and/or the buyer's customers' use, misuse, or alteration of any Product, including without limitation, any third-party claims for personal injury or property damage resulting from the buyer's and/or the buyer's customers' negligence or willful misconduct; or (ii) the buyer's breach of these Terms of Sale.



Department: Public Works, Streets

Priority Number: 4

Project Title: Replace Osh Kosh Dump Truck

Start Date: 01/25

End Date: 12/25

Description:

This project would provide for the replacement of the Front Line Osh Kosh 5 CY dump truck with belly blade (No.52-267) with a 2025 5 yd multipurpose truck equipped with sander, saddle tanks for magnesium chloride and a plow. The Osh Kosh is 22 years old and experiencing severe cab rot and bed rot. The tires are a specialty tire that are excessively expensive, and sporadically available. The vehicle does not provide for the operational flexibility that we need. The all wheel steering system complicates parts acquisition (rear wheel parts have not been able to be located). The replacement truck would be able to act as a winter snow and ice piece of equipment with a belly blade and front plow. Also it will be a dump truck in the summer and winter months, as well as a magnesium winter truck that would lay down the magnesium chloride. The new truck will be capable of being able to take the role of 2 1/2 trucks that we have now.

Project Cost Category	Prior Years	Adopted 2025			Projected Requirements				Total Project
		Reappro- riated	New Funding	Total	2026	2027	2028	2029	
Public Art Design Land/Property Acquisition (ROW) Land/Property Improvements Construction Management Construction Vehicles/Moving Equipment Operating Equipment Environmental/Other Studies Other			522,500	522,500					522,500
Total			522,500	522,500					522,500

Source of Funds	Fund No.	Prior Years	Adopted 2025			Projected Requirements				Total Project
			Reappro- riated	New Funding	Total	2026	2027	2028	2029	
Public Works Sales Tax Fund	111			522,500	522,500					522,500
Total				522,500	522,500					522,500