



2021 Budget Questions November 20

To: City Council
From: Mayor Gregerson and Department Directors
Date: November 20, 2020

Please find below information in response to questions raised by Councilmembers at the November 16, 2020 meeting and by email.

Cost of Living Increases

Councilmember Champion asked two questions on November 19:

1. When/what year was the last cost of living adjustment for the employee in that role?
 - a. Each position received a cost of living adjustment in January, 2020.
2. How long has the employee been in that role?

- Accounting Manager: 06/01/2018
- Administrative Support Coordinator: 02/15/2017
- Assistant City Engineer: 06/16/2020
- Assistant Police Chief: 04/17/2017
- Capital Projects Engineer: 05/01/2017
- City Administrator: 04/01/2020
- City Clerk: 03/01/2019
- Community Development Director: 09/01/2018
- Executive Assistant: 05/16/2020
- Finance Director: vacant
- Fire Chief: 03/24/2015
- Fire Marshal: vacant, filled through a contract
- Human Resources Manager: 05/01/2018
- IT Manager: 11/01/2018
- Planning Manager: 03/16/2019
- Police Chief: 01/04/2017
- Public Work Superintendent: 02/27/2017
- Public Works Director: 12/01/2019
- Recreation/Cultural Director: 05/10/2017

Surface Water Dump truck

Councilmember Champion asked for a copy of the quote received for the International model. That is attached.

2021 - 10 yard dump truck with dump body, sander, and plow						
TRUCK CHASSIS OPTIONS - all amounts include tax						
Vender	Product	Description	Contract	Heavy Duty Kenworth - T880 6x4 - 13 liter engine	Heavy Duty Int'l HV 613 6x4 - 13 liter engine	Medium Duty Int'l - HV 607 6x4 - 9 liter engine
TBD	Chassis and Cab	Kenworth T880 6x4 with MX-13 engine and Allison transmission	Sourcewell	\$156,841.00	\$135,906.35	\$117,974.40
North End Truck Equipment(NTE)	Body	Everest dump body and sander. Henke 10' plow with frame. NTE hydraulics and fabrication	Washington State	\$122,535.55	\$122,535.55	\$122,535.55

Subtotal	<u>\$279,376.55</u>	<u>\$258,441.90</u>	<u>\$240,509.95</u>
10% Contigency	\$27,937.66	\$25,844.19	\$24,051.00
TOTAL	<u>\$307,314.21</u>	<u>\$284,286.09</u>	<u>\$264,560.95</u>
Budget Ask	\$310,000.00	\$290,000.00	\$270,000.00



We are pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #081716-NVS awarded to Navistar, Inc for new International Truck, effective 3/13/19. 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 MULILTEO	
Contact:	Matt Nienhaus	
Address:	11930	Motor Trucks International and Idealea
City/State/Zip:	Mukilteo, WA. 98275	Don Danielson
Phone:	(360) 336-6204	
Email:	mniehaus@muliteowa.gov	

Proposal Number	5055
Date	11/5/2020
Quantity of this Specification	1
Single Sourcewell Transaction Total Volume	1

Chassis		
New 2021 International HV607 6X4 Chassis		\$ 159,243.00
Base Chassis List	\$ 92,154.00	
Options List	\$ 67,089.00	
Sourcewell Contract Discount	33.2%	\$ (52,868.68)
Volume Incentive		\$ -
Net Sourcewell Chassis Price		\$ 106,374.32
Sourcewell Partner Body		
		\$ -
		\$ -
		\$ -
		\$ -
Non-Sourcewell Dealer Supplied Body		
		\$ -
		\$ -
		\$ -
		\$ -
Handling Fee	5.00%	\$ -
Additional Post Build Work		
Additional Post Build Work:		\$ -
CB Radio Install Cobra 29 LTD Classic		\$ 189.95
Under Driver Seat Air Nozzle		\$ 65.46
Fire Extinguisher Kidde 2.5 lb. Installed		\$ 77.86
First Aid Kit Loose in Cab		\$ 38.00
		\$ -
Handling Fee	5.00%	\$ 18.56
Service Contracts		
		\$ -
		\$ -
		\$ -
Additional Freight		
		\$ -
		\$ -
Additional Floorplan		
		\$ -
		\$ -
Additional Fees & Taxes		
Washington State Sales Tax 10.5%		\$ 11,210.24
		\$ -
Total Sourcewell Customer Price FOB Mukilteo WA.		\$ 117,974.40

Terms:

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
Base Chassis, Model HV607 SBA with 187.00 Wheelbase, 119.90 CA, and 59.00 Axle to Frame.	6413/3469	9882
TOW HOOK, FRONT (2) Frame Mounted	8/0	8
AXLE CONFIGURATION {Navistar} 6x4	0/0	0
<u>Notes</u>		
: Pricing may change if axle configuration is changed.		
FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL	38/164	202
FRAME REINFORCEMENT Full Outer C-Channel, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL	404/501	905
LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper	3/0	3
BUMPER, FRONT Swept Back, Aluminum, Stainless Steel Clad, Heavy Duty	-36/-9	-45
FRAME EXTENSION, FRONT Integral; 27" In Front of Grille, with Outer C-Channel Reinforcement	204/-29	175
CROSSMEMBER, SUSPENSION (1) 7-Piece Steel in lieu of (1) Double Dogbone, Forward	15/14	29
WHEELBASE RANGE 169" (430cm) Through and Including 219" (555cm)	0/0	0
AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity	186/0	186
SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers	58/0	58
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
<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		
: 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		
TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck	2/0	2
<u>Notes</u>		
: When electronic stability control is ordered with trailer connections on a 4x2 truck, please check the operator manual for trailer weight restrictions.		
AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control	0/0	0
AIR DRYER {Bendix AD-IP} with Heater	13/14	27
AIR COMPRESSOR {Cummins} 18.7 CFM	0/0	0
AIR DRYER LOCATION Mounted Outside Right Rail, Back of Cab	0/0	0
DUST SHIELDS, FRONT BRAKE Pad and Rotor, with Air Disc Brakes	7/0	7
DUST SHIELDS, REAR BRAKE Pad and Rotor, with Air Disc Brakes	0/14	14
DRAIN VALVE Automatic, with (3) Pull Chains, for Air Tanks	0/0	0
AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail	0/0	0
BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle	0/0	0
BRAKE CHAMBERS, FRONT AXLE 20 Sqn, for Air Disc Brakes	1/0	1
BRAKE CHAMBERS, REAR AXLE 18/24 Sqn Spring Brake, Double Diaphragm, for Air Disc Brakes	0/0	0
PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type	0/30	30
STEERING COLUMN Tilting and Telescoping	17/2	19
STEERING WHEEL 4-Spoke; 18" Dia., Black	0/0	0
STEERING GEAR (2) {Sheppard M100/M80} Dual Power	102/-6	96
DRIVELINE SYSTEM {Dana Spicer} SPL170 Main Driveline with SPL170 Interaxle Shaft, for 6x4	7/31	38
AFTERTREATMENT COVER Polished Aluminum	9/2	11
EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab	137/40	177
ENGINE COMPRESSION BRAKE {Jacobs} for Cummins ISL/L9 Engines; with Selector Switch and On/Off Switch	43/5	48
TAIL PIPE (1) Turnback Type, Bright	0/0	0
MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	0/0	0
EXHAUST HEIGHT 10' 11"	2/0	2
SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, On/Off Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in On Position	2/0	2
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
<u>Includes</u>		
: 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		
CIGAR LIGHTER Includes Ash Cup	1/0	1
FOG LIGHTS Prewire; Includes Auxiliary Switch and Wiring to Front Bumper, for Driving Lights or Fog Lights Mounted by Customer	1/0	1
SNOW SHIELD (2) Chrome; for Dual Air Horns	2/0	2
JUMP START STUD (2) Remote Mounted	0/0	0
ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount	0/0	0
BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	2/0	2

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
WIRING, SPECIAL Includes Wires Installed Through the Dash Panel and End in Engine Compartment, In Cab Wire Ends Will Have ESC Input Terminals, Engine Compartment Wire Ends will have Sealed Connectors	0/0	0
HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord	0/0	0
BATTERY SYSTEM {Deka/EAST PENN 9A31 AGM} Maintenance-Free, (3) AGM 12-Volt 2775CCA Total, Top Threaded Stud	53/49	102
SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars	6/2	8
CB RADIO Accommodation Package; Header Mounted; Feeds From Accessory Side of Ignition Switch; Includes Power Source and Two (2) Antennas, Antenna Bases with Wiring on Both Side Mirrors	37/2	39
RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect	0/0	0
RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input	3/0	3
BACK-UP ALARM Electric, 102 dBA	0/3	3
AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	2/0	2
HAZARD FLASHER OVERRIDE Hazard Flasher Overrides Brake Lights, To be Done with Programming System Controller	1/0	1
STOP, TURN, TAIL & B/U LIGHTS {Truck Lite} Super 44, with LED Lights for Stop, Turn & Tail Lights, Truck Lite Super 40 for Backup Lights, with Power Module, "International" Termination and Less Junction Box, Includes Incandescent License Plate Light	0/5	5
TRAILER CONNECTION SOCKET {Phillips} 7-Way, Mounted at Rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers with Combined Stop, Tail, Turn Lamps	0/7	7
SWITCH, AUXILIARY Accessory Control; for Wiring in Roof, with Maximum of 20 amp Load with Switches In Instrument Panel	1/0	1
HORN, ELECTRIC Disc Style	0/0	0
BEACON MOUNTING BRACKET Cab Provision Includes Roof Fairing Extender Brackets for Use with Customer Lighting	0/0	0
SWITCH, BODY CIRCUITS, MID with Remote Power Module Mounted in Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total, Includes 1 Switch Pack with Momentary Switches	1/0	1
WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light	2/1	3
RUNNING LIGHT (2) Daytime	0/0	0
CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
INDICATOR, LOW COOLANT LEVEL with Audible Alarm	0/0	0
STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	10/0	10
CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
BATTERY BOX Steel, 2-3 Battery Capacity, Mounted Inside the Cab, Under Passenger Seat	0/0	0
TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	0/0	0
BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted	2/0	2

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel	0/0	0
SWITCH, MARKER INTERRUPT for Marker Lights and Headlights, Located in Steering Wheel	0/0	0
USB PORT (1) Located in the Instrument Panel	0/0	0
FENDER EXTENSIONS Rubber	6/0	6
LOGOS EXTERIOR Model Badges	0/0	0
LOGOS EXTERIOR, ENGINE Badges	0/0	0
GRILLE Stationary, Chrome	0/0	0
INSULATION, SPLASH PANELS for Sound Abatement	2/0	2
BUG SCREEN Mounted Behind Grille	5/0	5
FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV	0/0	0
PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
<u>Includes</u>		
: PAINT SCHEMATIC ID LETTERS "WL"		
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
PAINT CLASS Premium Color	0/0	0
FLEET HEALTH MONITOR REPORTING for 24 Months	0/0	0
ADVANCED PREVENTIVE MAINT for 24 Months	0/0	0
LABEL, DEF "DEF ONLY"	0/0	0
CUSTOMER IDENTITY for National Joint Powers Alliance	0/0	0
PROMOTIONAL PACKAGE Government Silver Package	0/0	0
SAFETY TRIANGLES	6/0	6
MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension, for Tire Size 425/445	3/0	3
CLUTCH Omit Item (Clutch & Control)	0/0	0
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines	3/0	3
<u>Includes</u>		
: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
ENGINE, DIESEL {Cummins L9 370} EPA 2017, 370HP @ 2000 RPM, 1250 lb-ft Torque @ 1400 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)	583/-19	564
FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed	0/0	0
<u>Includes</u>		
: FAN Nylon		
RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 Sqli, with 1167 Sqli Charge Air Cooler	0/0	0
<u>Includes</u>		
: DEAERATION SYSTEM with Surge Tank		
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps		
: RADIATOR HOSES Premium, Rubber		

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control	2/0	2
FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2020	0/0	0
THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	0/0	0
FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)	0/0	0
EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door	0/0	0
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	0/0	0
TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close 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	222/61	283
OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type	25/0	25
TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission	0/0	0
TRANSMISSION OIL Synthetic; 29 thru 42 Pints	0/0	0
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223	0/0	0
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	0/0	0
TRANSMISSION TCM LOCATION Located Inside Cab	0/0	0
SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming	0/0	0
PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring	3/0	3
PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission	0/0	0
AXLE, REAR, TANDEM {Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 6.14	0/2588	2588
SUSPENSION, REAR, TANDEM {Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings	0/590	590
DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash	0/0	0
SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam	0/31	31
TRANSVERSE TORQUE RODS {Hendrickson} TRAAX Rod, Transverse Only	0/-8	-8
AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 65 thru 89.99 Pints	0/0	0
AXLE SHAFT MODIFICATION Axle Shaft Flanges Modified for 0.625" Diameter Drive Studs with Solid Type Cone-Locks	0/0	0
FUEL TANK STRAPS Bright Finish Stainless Steel	0/0	0
DEF TANK COVER Stainless Steel	2/0	2
DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab	15/2	17
LOCATION FUEL/WATER SEPARATOR Mounted Inside Left Rail, Back of Cab	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
FUEL/WATER SEPARATOR {Racor 400 Series,} 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-in-Fuel Sensor	0/0	0
FUEL TANK Top Draw, Polished Aluminum, 26" Dia, 70 US Gal (265L), Mounted Left Side, Under Cab	13/7	20
FUEL COOLER Less Thermostat; Mounted in Front of Cooling Module	14/0	14
ANTI-SIPHON DEVICE Snap-In Type; for Single Fuel Tank; for Round Fuel Tanks	1/0	1
CAB Conventional, Day Cab	0/0	0
HEATER SHUT-OFF VALVES (1) Ball Valve Type, Supply Line	5/0	5
AIR CONDITIONER with Integral Heater and Defroster	56/0	56
GAUGE CLUSTER Premium Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 5 Inch LCD Color Display	0/0	0
GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission	1/0	1
GAUGE, OIL TEMP, REAR AXLE	1/0	1
GAUGE, AIR APPLICATION	1/0	1
GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel	2/0	2
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Mordura Cloth, Isolated, with 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment, Single Chamber Air Lumbar Support	-13/-4	-17
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	4/2	6
SEAT, PASSENGER {Seats, Inc.} Non Suspension, High Back, Fixed Back, Integral Headrest, Mordura Cloth, for use with Batteries in Cab	33/11	44
MIRRORS (2) C-Loop, Power Adjust, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width	0/0	0
<u>Notes</u>		
: Mirror Dimensions are Rounded to the Nearest 0.5"		
MIRROR, CONVEX, LOOK DOWN Right Side, Black, 6" x 10.5"	0/0	0
CAB INTERIOR TRIM Diamond, for Day Cab	0/0	0
<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, Reading Lights; Integral to Overhead Console, Center Mounted		
: SUN VISOR (3) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side		
ARM REST, RIGHT, DRIVER SEAT	3/0	3
HOSE CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type	0/0	0
HOURMETER, PTO for Customer Provided PTO; with Indicator Light and Hourmeter in Gauge Cluster Includes Return Wire for PTO Feedback Switch	2/0	2

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	0/0	0
CAB REAR SUSPENSION Air Bag Type	0/0	0
WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors	0/0	0
COVER PLATE Blank Steel Cover Plate in Place of Storage Bin for Customer Mounting Requirements	0/0	0
INSTRUMENT PANEL Flat Panel	0/0	0
SUNSHADE, EXTERIOR Bright Finish, with Integral Clearance/Marker Lights	14/3	17
ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab	0/0	0
WHEELS, FRONT {Accuride 29374} DISC; 22.5x12.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs	-34/0	-34
WHEELS, REAR {Alcoa 98U63} DUAL DISC; 24.5x8.25 Rims, Mirror Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs	0/-206	-206
BDY INTG, I/O EXP HARNESS {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided	0/0	0
(8) TIRE, REAR 11R24.5 Load Range H ARMOR MAX MSD (GOODYEAR), 471 rev/mile, 68 MPH, Drive	0/224	224
(2) TIRE, FRONT 385/65R22.5 Load Range J G296 MSA (GOODYEAR), 488 rev/mile, 68 MPH, All-Position	96/0	96
Cab schematic 100WL Location 1: 6171, Blue (Prem)		
Chassis schematic N/A		
Services Section:		
WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A	0/0	0
Total Component Weight:	8835/7593	16428

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

Prepared For:

City of Mukilteo
Matt Nienhuis
11930 Cyrus Way
Mukilteo, WA 98275-5408
(425)263 - 8000
Reference ID: N/A

Presented By:

MOTOR TRUCKS, INC.
Donald E Danielson
315 Riverside Road
EVERETT WA 98201 -
(425)258-2691

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
2021 HV607 SBA (HV607)

AXLE CONFIG:	6X4
APPLICATION:	Front Plow with spreader
MISSION:	Requested GVWR: 66000. Calc. GVWR: 58740 Calc. Start / Grade Ability: 19.05% / 2.04% @ 55 MPH Calc. Geared Speed: 67.0 MPH
DIMENSION:	Wheelbase: 187.00, CA: 119.90, Axle to Frame: 59.00
ENGINE, DIESEL:	{Cummins L9 370} EPA 2017, 370HP @ 2000 RPM, 1250 lb-ft Torque @ 1400 RPM, 2100 RPM Governed Speed, 370 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 5th Generation Controls, Close 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 NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 6.14
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 385/65R22.5 Load Range J G296 MSA (GOODYEAR), 488 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(8) 11R24.5 Load Range H ARMOR MAX MSD (GOODYEAR), 471 rev/mile, 68 MPH, Drive
SUSPENSION, REAR, TANDEM:	{Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
FRAME REINFORCEMENT:	Full Outer C-Channel, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL
PAINT:	Cab schematic 100WL Location 1: 6171, Blue (Prem) Chassis schematic N/A



We are pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #081716-NVS awarded to Navistar, Inc for new International Truck, effective 3/13/19. 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 MULILTEO	
Contact:	Matt Nienhaus	
Address:	11930	Motor Trucks International and Idealea
City/State/Zip:	Mukilteo, WA. 98275	Don Danielson
Phone:	(360) 336-6204	
Email:	mniehaus@muliteowa.gov	

Proposal Number	5054
Date	11/5/2020
Quantity of this Specification	1
Single Sourcewell Transaction Total Volume	1

Chassis		
New 2021 International HV613 6x4 Chassis		\$ 232,642.00
Base Chassis List	\$ 165,553.00	
Options List	\$ 67,089.00	
Sourcewell Contract Discount	47.3%	\$ (110,039.67)
Volume Incentive		\$ -
Net Sourcewell Chassis Price		\$ 122,602.33
Sourcewell Partner Body		
		\$ -
		\$ -
		\$ -
		\$ -
Non-Sourcewell Dealer Supplied Body		
		\$ -
		\$ -
		\$ -
		\$ -
Handling Fee	5.00%	\$ -
Additional Post Build Work		
Additional Post Build Work:		\$ -
CB Radio Install Cobra 29 LTD Classic		\$ 189.95
Under Driver Seat Air Nozzle		\$ 65.46
Fire Extinguisher Kidde 2.5 lb. Installed		\$ 77.86
First Aid Kit Loose in Cab		\$ 38.00
		\$ -
Handling Fee	5.00%	\$ 18.56
Service Contracts		
		\$ -
		\$ -
		\$ -
Additional Freight		
		\$ -
		\$ -
Additional Floorplan		
		\$ -
		\$ -
Additional Fees & Taxes		
Washington State Sales Tax 10.5%		\$ 12,914.18
		\$ -
Total Sourcewell Customer Price FOB Mukilteo WA.		\$ 135,906.35

Terms:

Prepared For:

City of Mukilteo
Matt Nienhuis
11930 Cyrus Way
Mukilteo, WA 98275-5408
(425)263 - 8000
Reference ID: N/A

Presented By:

MOTOR TRUCKS, INC.
Donald E Danielson
315 Riverside Road
EVERETT WA 98201 -
(425)258-2691

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
2021 HV613 SBA (HV613)

AXLE CONFIG:	6X4
APPLICATION:	Front Plow with spreader
MISSION:	Requested GVWR: 66000. Calc. GVWR: 58740 Calc. Start / Grade Ability: 30.86% / 3.10% @ 55 MPH Calc. Geared Speed: 81.7 MPH
DIMENSION:	Wheelbase: 187.00, CA: 119.90, Axle to Frame: 57.00
ENGINE, DIESEL:	{International A26} EPA 2017, 500HP @ 1700 RPM, 1750 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 500 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 4500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 4.89
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 385/65R22.5 Load Range J G296 MSA (GOODYEAR), 488 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(8) 11R24.5 Load Range H ARMOR MAX MSD (GOODYEAR), 471 rev/mile, 68 MPH, Drive
SUSPENSION, REAR, TANDEM:	{Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
FRAME REINFORCEMENT:	Full Outer C-Channel, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL
PAINT:	Cab schematic 100WN Location 1: 6171, Blue (Prem) Chassis schematic N/A

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
Base Chassis, Model HV613 SBA with 187.00 Wheelbase, 119.90 CA, and 57.00 Axle to Frame.	8530/3948	12478
TOW HOOK, FRONT (2) Frame Mounted	8/0	8
AXLE CONFIGURATION {Navistar} 6x4	0/0	0
<u>Notes</u>		
: Pricing may change if axle configuration is changed.		
FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL	31/148	179
FRAME REINFORCEMENT Full Outer C-Channel, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL	406/492	898
LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper	3/0	3
BUMPER, FRONT Swept Back, Aluminum, Stainless Steel Clad, Heavy Duty	0/0	0
FRAME EXTENSION, FRONT Integral; 27" In Front of Grille, with Outer C-Channel Reinforcement	208/-33	175
CROSSMEMBER, SUSPENSION (1) 7-Piece Steel in lieu of (1) Double Dogbone, Forward	8/21	29
WHEELBASE RANGE 183" (465cm) Through and Including 248" (630cm)	0/0	0
AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity	186/0	186
SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers	57/0	57
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
<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		
: 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		
TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck	0/0	0
<u>Notes</u>		
: When electronic stability control is ordered with trailer connections on a 4x2 truck, please check the operator manual for trailer weight restrictions.		
AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control	0/0	0
AIR DRYER {Bendix AD-IP} with Heater	11/16	27
AIR COMPRESSOR {YOOSUNG} 21.0 CFM	42/-1	41
AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab	0/0	0
DUST SHIELDS, FRONT BRAKE Pad and Rotor, with Air Disc Brakes	7/0	7
DUST SHIELDS, REAR BRAKE Pad and Rotor, with Air Disc Brakes	0/14	14
AIR COMPRESSOR DISCHARGE LINE 1/2" ID to 5/8" ID Teflon Hose, with Stainless Steel Braid; to Air Dryer	0/0	0
DRAIN VALVE Automatic, with (3) Pull Chains, for Air Tanks	0/0	0
AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
BRAKES, FRONT {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 23,000-lb Capacity	0/0	0
BRAKES, REAR {Bendix Spicer ADB22X} Air Disc Type, Extended Service, Size 22.5", 26,000-lb Capacity per Axle	0/0	0
BRAKE CHAMBERS, FRONT AXLE 20 Sqn, for Air Disc Brakes	1/0	1
BRAKE CHAMBERS, REAR AXLE 18/24 Sqn Spring Brake, Double Diaphragm, for Air Disc Brakes	0/0	0
PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type	0/30	30
STEERING COLUMN Tilting and Telescoping	14/5	19
STEERING WHEEL 4-Spoke; 18" Dia., Black	0/0	0
STEERING GEAR (2) {Sheppard M100/M80} Dual Power	104/-8	96
DRIVELINE SYSTEM {Dana Spicer} Service Free SPL250 Main Driveline with SPL170 Interaxle Shaft, for 6x4	1/6	7
AFTERTREATMENT COVER Polished Aluminum	7/2	9
EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab	55/22	77
ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch	0/0	0
TAIL PIPE (1) Turnback Type, Bright	0/0	0
MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	0/0	0
EXHAUST HEIGHT 10' 11"	2/0	2
SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, On/Off Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in On Position	2/0	2
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
<u>Includes</u>		
: 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		
CIGAR LIGHTER Includes Ash Cup	1/0	1
FOG LIGHTS Prewire; Includes Auxiliary Switch and Wiring to Front Bumper, for Driving Lights or Fog Lights Mounted by Customer	1/0	1
SNOW SHIELD (2) Chrome; for Dual Air Horns	2/0	2
JUMP START STUD (2) Remote Mounted	1/0	1
ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount	0/0	0
BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	2/0	2

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
WIRING, SPECIAL Includes Wires Installed Through the Dash Panel and End in Engine Compartment, In Cab Wire Ends Will Have ESC Input Terminals, Engine Compartment Wire Ends will have Sealed Connectors	0/0	0
HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord	0/0	0
BATTERY SYSTEM {Deka/EAST PENN 9A31 AGM} Maintenance-Free, (3) AGM 12-Volt 2775CCA Total, Top Threaded Stud	26/23	49
SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars	7/1	8
CB RADIO Accommodation Package; Header Mounted; Feeds From Accessory Side of Ignition Switch; Includes Power Source and Two (2) Antennas, Antenna Bases with Wiring on Both Side Mirrors	0/0	0
RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect	0/0	0
RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input	3/0	3
BACK-UP ALARM Electric, 102 dBA	0/3	3
AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications	2/0	2
HAZARD FLASHER OVERRIDE Hazard Flasher Overrides Brake Lights, To be Done with Programming System Controller	1/0	1
STOP, TURN, TAIL & B/U LIGHTS {Truck Lite} Super 44, with LED Lights for Stop, Turn & Tail Lights, Truck Lite Super 40 for Backup Lights, with Power Module, "International" Termination and Less Junction Box, Includes Incandescent License Plate Light	0/5	5
TRAILER CONNECTION SOCKET {Phillips} 7-Way, Mounted at Rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers with Combined Stop, Tail, Turn Lamps	0/7	7
SWITCH, AUXILIARY Accessory Control; for Wiring in Roof, with Maximum of 20 amp Load with Switches In Instrument Panel	1/0	1
HORN, ELECTRIC Disc Style	0/0	0
BEACON MOUNTING BRACKET Cab Provision Includes Roof Fairing Extender Brackets for Use with Customer Lighting	0/0	0
SWITCH, BODY CIRCUITS, MID with Remote Power Module Mounted in Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total, Includes 1 Switch Pack with Momentary Switches	1/0	1
WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time	0/0	0
BATTERY DISCONNECT SWITCH {Joseph Pollak} for Cab Power Disconnect Switch, Disconnects Power to Power Distribution Center (PDC), Does Not Disconnect Charging Circuits, Key Operated, Cab Mounted	2/0	2
SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light	2/1	3
RUNNING LIGHT (2) Daytime	1/0	1
CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	0/0	0
CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
BATTERY BOX Steel, 2-3 Battery Capacity, Mounted Inside the Cab, Under Passenger Seat	11/-4	7
TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	0/0	0
POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
SWITCH, MARKER INTERRUPT for Marker Lights and Headlights, Located in Steering Wheel	0/0	0
USB PORT (1) Located in the Instrument Panel	0/0	0
FENDER EXTENSIONS Rubber	0/0	0
LOGOS EXTERIOR Model Badges	0/0	0
LOGOS EXTERIOR, ENGINE Badges	0/0	0
GRILLE Stationary, Chrome	0/0	0
INSULATION, SPLASH PANELS for Sound Abatement	3/0	3
BUG SCREEN Mounted Behind Grille	5/0	5
FRONT END Tilting, Fiberglass, with Three Piece Construction, Includes Long Hood	0/0	0
PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
<u>Includes</u>		
: PAINT SCHEMATIC ID LETTERS "WN"		
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
PAINT CLASS Premium Color	0/0	0
FLEET HEALTH MONITOR REPORTING for 24 Months	0/0	0
ADVANCED PREVENTIVE MAINT for 24 Months	0/0	0
LABEL, DEF "DEF ONLY"	0/0	0
CUSTOMER IDENTITY for National Joint Powers Alliance	0/0	0
PROMOTIONAL PACKAGE Government Silver Package	0/0	0
SAFETY TRIANGLES	8/4	12
MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension, for Tire Size 425/445	0/0	0
CLUTCH Omit Item (Clutch & Control)	0/0	0
ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
BLOCK HEATER, ENGINE {Phillips} 120V/1500W	4/0	4
<u>Includes</u>		
: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
ENGINE, DIESEL {International A26} EPA 2017, 500HP @ 1700 RPM, 1750 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 500 Peak HP (Max)	0/0	0
FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed	0/0	0
<u>Includes</u>		
: FAN Nylon		
AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control	2/0	2
ENGINE CONTROL, REMOTE MOUNTED for PTO, for N13/A26 Engines	0/0	0
FEDERAL EMISSIONS {International A26} EPA, OBD and GHG Certified for Calendar Year 2020	0/0	0
FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)	0/0	0
COLD STARTING EQUIPMENT Automatic; with Engine ECM Control	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	0/0	0
COOLANT FILTER for A26 Engines	7/0	7
EMISSION COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door	0/0	0
RADIATOR Aluminum, Welded, Cross Flow, Front to Back System, 1292 SqIn, with 1008 SqIn Charge Air Cooler	0/0	0
<u>Includes</u>		
: DEAERATION SYSTEM with Surge Tank		
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps		
: RADIATOR HOSES Premium, Rubber		
TRANSMISSION, AUTOMATIC {Allison 4500 RDS} 5th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway	285/114	399
OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type	25/0	25
TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission	0/0	0
TRANSMISSION OIL Synthetic; 63 thru 76 Pints	0/0	0
ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223	0/0	0
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	0/0	0
TRANSMISSION TCM LOCATION Located Inside Cab	0/0	0
SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming	0/0	0
PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring	3/0	3
PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission	0/0	0
AXLE, REAR, TANDEM {Meritor RT-46-164EH} Single Reduction, Standard Width, 46,000-lb Capacity, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 4.89	0/2383	2383
SUSPENSION, REAR, TANDEM {Hendrickson HMX EX 400} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings	0/555	555
DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash	1/0	1
SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam	0/31	31
TRANSVERSE TORQUE RODS {Hendrickson} TRAAX Rod, Transverse Only	0/-8	-8
AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 65 thru 89.99 Pints	0/0	0
AXLE SHAFT MODIFICATION Axle Shaft Flanges Modified for 0.625" Diameter Drive Studs with Solid Type Cone-Locks	0/0	0
FUEL TANK STRAPS Bright Finish Stainless Steel	0/0	0
DEF TANK COVER Stainless Steel	2/0	2
DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab	0/0	0
LOCATION FUEL/WATER SEPARATOR Mounted Outside Left Rail, 20" Back of Cab	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
FUEL/WATER SEPARATOR {Racor 6600} 12 VDC Electric Heater, Includes Pre-Heater, Fuel Heated with Fuel Blender Valve, with Sight Bowl, Includes Water-In-Fuel Sensor	3/3	6
FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 19" Tank Depth, 70 US Gal (265L), Mounted Left Side, Under Cab	6/6	12
FUEL COOLER Less Thermostat; Mounted in Front of Cooling Module	15/0	15
ANTI-SIPHON DEVICE for Single Tank; 2-Inch Diameter; Located inside Fuel Tank Fill Neck	0/0	0
CAB Conventional, Day Cab	0/0	0
HEATER SHUT-OFF VALVES (1) Ball Valve Type, Supply Line	0/0	0
AIR CONDITIONER with Integral Heater and Defroster	0/0	0
GAUGE CLUSTER Premium Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 5 Inch LCD Color Display	0/0	0
GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
GAUGE, OIL TEMP, ENGINE	1/0	1
GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission	1/0	1
GAUGE, OIL TEMP, REAR AXLE	1/0	1
GAUGE, AIR APPLICATION	0/0	0
GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel	2/0	2
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Mordura Cloth, Isolated, with 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment, Single Chamber Air Lumbar Support	1/0	1
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	0/0	0
SEAT, PASSENGER {Seats, Inc.} Non Suspension, High Back, Fixed Back, Integral Headrest, Mordura Cloth, for use with Batteries in Cab	31/13	44
MIRRORS (2) C-Loop, Power Adjust, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width	0/0	0
<u>Notes</u>		
: Mirror Dimensions are Rounded to the Nearest 0.5"		
MIRROR, CONVEX, LOOK DOWN Right Side, Black, 6" x 10.5"	0/0	0
CAB INTERIOR TRIM Diamond, for Day Cab	0/0	0
<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, Reading Lights; Integral to Overhead Console, Center Mounted		
: SUN VISOR (3) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side		
ARM REST, RIGHT, DRIVER SEAT	3/0	3
HOSE CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type	0/0	0

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
HOURMETER, PTO for Customer Provided PTO; with Indicator Light and Hourmeter in Gauge Cluster Includes Return Wire for PTO Feedback Switch	2/0	2
FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	0/0	0
CAB REAR SUSPENSION Air Bag Type	0/0	0
WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors	0/0	0
COVER PLATE Blank Steel Cover Plate in Place of Storage Bin for Customer Mounting Requirements	0/0	0
INSTRUMENT PANEL Flat Panel	0/0	0
MODESTY PANEL Painted	0/0	0
SUNSHADE, EXTERIOR Bright Finish, with Integral Clearance/Marker Lights	13/4	17
ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab	0/0	0
WHEELS, FRONT {Accuride 29374} DISC; 22.5x12.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs	-24/0	-24
WHEELS, REAR {Alcoa 98U63} DUAL DISC; 24.5x8.25 Rims, Mirror Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Aluminum Hubs	0/-166	-166
BDY INTG, I/O EXP HARNESS {for Diamond Logic Builder} In-Cab wire harness (DLB) program only, Includes a harness with five blunt cut wires routed on lower left of instrument panel. Two ground active inputs and two (.5Amp) relay drivers outputs are provided	0/0	0
(8) TIRE, REAR 11R24.5 Load Range H ARMOR MAX MSD (GOODYEAR), 471 rev/mile, 68 MPH, Drive	0/224	224
(2) TIRE, FRONT 385/65R22.5 Load Range J G296 MSA (GOODYEAR), 488 rev/mile, 68 MPH, All-Position	96/0	96
Cab schematic 100WN Location 1: 6171, Blue (Prem)		
Chassis schematic N/A		
Services Section:		
WARRANTY Standard for HV513, HV613 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2030A	0/0	0
Total Component Weight:	10243/7861	18104

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.



Quote# 201006MK
10/07/2020

Price Quotation For

Northend Truck Equipment

20812 Broadway Ave.
Snohomish, WA 98296

Ph: 360-653-6066 Fax: 360-653-0100

1-800-653-6066

Visit Our Web Site - www.northendtruck.com



Prepared For:

Matt Nienhuis
City of Mukilteo
Public Works Superintendent
425-315-2613
mnienhuis@mukilteowa.gov

State of Washington Current Contract Information:

Effective Date: 5/1/2018
Contract number: 01117
Contract title: Dump Bodies, Snow Plows Various
Types, Controls & Service

Excel#	Item #	Category/ Option Description	QTY	Unit Price	Total Price
Category D: Double Dump (Frink) – Truck Mounted					
89	2	Everest, GI-90 combination Dump Body/Spreader, Meets or Exceeds All Specifications in Section I, 1-2, Section II, 1-10, Section III, 1-7, Section IV, 1-5, Section V, 1-3, Section VI, 1-3, Section VII, 1-8, Section VIII, 1-4 and Section IX, 1-2	1	\$51,282.00	\$51,282.00
93	6	Strobes: Whalen L31 per pair Installed	1	\$1,129.80	\$1,129.80
96	9	Wig-Wag Lighting on the Chassis Sub-Frame	1	\$535.50	\$535.50
62	4	Asphalt door (x3)	3	\$749.70	\$2,249.10
64	6	Power Tarp (Needs to be Removed For Front Dumping application)	1	\$5,037.90	\$5,037.90
69	11	Auger in lieu of conveyor **(Option Not Currently Selected)**	0	\$1,881.60	\$0.00
71	13	Asphalt Lip	1	\$813.75	\$813.75
82	24	Aluminum Tool Box 18x18x36, CA Room Permitting	1	\$890.40	\$890.40
98	11	LED Light Mounted In Spinner Area	1	\$241.50	\$241.50
100	13	Upgrade underbody hoist changing mode to wedge in lieu of pin	1	\$994.35	\$994.35
NTE Hydraulics					
5	2	Open Center Snow and Ice System 4 Section Valve With Dual Flow, Manual Electric Sander Valve Control and Stainless Box (Room Permitting) With 50 Gal./Minute Gear Pump Front Mounted With OEM Front Frame Rail Extensions, Air Control Console, Behind The Cab Tank, or VT35 with Poly Or Stainless Lid, With Basic Hoses and Fittings Installed (See Sander Line Option)	1	\$18,787.65	\$18,787.65
61	3	Hot Shift PTO I.L.O. Manual Transmission For Allison	1	\$1,779.75	\$1,779.75
62	4	Pony Package Upgrade (Requires Standard Hydraulic System, Uses Plow Up Circuit) (For Wet Line, Includes Trailer Gate and Reach Controls)	1	\$1,960.35	\$1,960.35
63	5	Cab Guard Combination Oil Tank Complete With All Accessories In Lieu Of Standard Hydraulic Tank	1	\$3,246.60	\$3,246.60



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Plow Category 6: Snow Plow Reversible					
22	1	Henke 10' Plow with Parallel Lift Push Frame and <u>Mechanical Float</u>	1	\$12,688.20	\$12,688.20
27	2	Plow shipped to Northend Truck set up and tested with plumbing and Stucchi multi quick disconnect. Ship with completed unit. (Must Pick a Plow Hitch Option)	1	\$1,400.70	\$1,400.70
31	6	Henke Flat Plate Hitch Install on new Truck Build Includes Truck Portion Plate	1	\$3,126.90	\$3,126.90
38	13	Truck-Lite #80990 LED Heated Plow Lights, to be hooked up to Chassis provided wiring and switch , Includes Adjustable Stainless Steel Brackets (Installed)	1	\$1,480.50	\$1,480.50
43	18	Trucks Without Front Frame Rail Extensions (OEM Approved For Snow Plow) (Must Pick Up A Plow Hitch Option) Add	1	\$3,347.40	\$3,347.40
SubTotal					\$110,992.35
Applicable Sales Tax Percentage at Delivery Location				10.40%	\$11,543.20
Total Price with Tax Included					\$122,535.55

Notes:

1. Chassis CA/CT Requirement: 120"
2. Customer to Supply Kenworth T880 with no front frame extensions
3. Chassis Must Come with Stationary Grill, and Prepped for Allison Transmission Mount PTO

*** Chassis Drawing Required With Dump Body Order, For Customers Specific Truck From Chassis Dealer. Must Include CA Measurement, Cab Height, and Drop Axle Location (if applicable). ***

Accepted: *Zack Andrews* 10/7/2020 Accepted: _____ Date: _____
 Zack Andrews Matt Nienhuis
 NORTHEND TRUCK EQUIPMENT City of Mukilteo
 PO Number: _____

Thank You for your help on this, if you have any questions or need additional information
 Please call or email me at 425-903-2207, ZackA@northendtruck.com

Sincerely,
 NORTHEND TRUCK EQUIPMENT
 Zack Andrews
 Sales