

**APPENDIX D-4**  
**Beneficiary Eligible Mitigation Action Certification**

sent 8/24/20

## BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

Beneficiary Bois Forte Band of Chippewa

Lead Agency Authorized to Act on Behalf of the Beneficiary Community Development & Planning Division  
 (Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)

<b>Action Title:</b>	Bois Forte Band of Chippewa Truck Replacement
<b>Beneficiary's Project ID:</b>	VW 2020
<b>Funding Request No.</b>	(sequential) 3
<b>Request Type:</b> (select one or more)	<input type="checkbox"/> Reimbursement <span style="float: right;"><input checked="" type="checkbox"/> Advance</span> <input type="checkbox"/> Other (specify): _____
<b>Payment to be made to:</b> (select one or more)	<input checked="" type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
<b>Funding Request &amp; Direction (Attachment A)</b>	<input checked="" type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

### SUMMARY

<b>Eligible Mitigation Action</b>	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>1 class 7 vehicle replacement and 1 class 8 vehicle replacement</u>
<b>Action Type</b>	<input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): _____
<b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b> See Addendum	
<b>Estimate of Anticipated NOx Reductions (5.2.3):</b> See Addendum	
<b>Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):</b> See Addendum	
<b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b> See Addendum	
<b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b> See Addendum	
<b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b> Tribe has not been contacted by any agency.	

**If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).**

NA

**ATTACHMENTS**  
**(CHECK BOX IF ATTACHED)**

- |                                     |                     |   |
|-------------------------------------|---------------------|---|
| <input checked="" type="checkbox"/> | <b>Attachment A</b> | <b>Funding Request and Direction.</b>   |
| <input checked="" type="checkbox"/> | <b>Attachment B</b> | <b>Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).</b>   |
| <input checked="" type="checkbox"/> | <b>Attachment C</b> | <b>Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).</b>   |
| <input checked="" type="checkbox"/> | <b>Attachment D</b> | <b>Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]</b> |
| <input type="checkbox"/>            | <b>Attachment E</b> | <b>DERA Option (5.2.12). [Attach only if using DERA option.]</b>  |
| <input type="checkbox"/>            | <b>Attachment F</b> | <b>Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]</b> |

**CERTIFICATIONS**

**By submitting this application, the Lead Agency makes the following certifications:**

- 1. This application is submitted on behalf of Beneficiary Bois Forte Band of Chippewa, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.**
- 2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.**
- 3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.**
- 4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)**
- 5. Beneficiary will maintain and make publicly available all documentation submitted in**

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 8/24/20

Doris Isham, Grant Manager

[NAME]

[TITLE]

Community Planning & Development Division

SIGNATURE: Doris Isham

[LEAD AGENCY]

for

Bois Forte Band of Chippewa

[BENEFICIARY]

## Addendum to D-4 Beneficiary Eligible Mitigation Action Certification

August, 2020

### Attachment A: Funding Request and Direction

#### Section 5.2.2

During the third funding cycle of the Volkswagen Settlement Environmental Mitigation Trust for Indian Tribes, the Bois Forte Band of Chippewa will replace two government-owned vehicles.

One (1) government-owned 2004 International Low boy truck per class 8, and

One (1) government-owned 1997 International plow truck/sander & wing per class 7.

The eligible vehicles to be replaced are the following:

Year	Make	Model	Description	VIN
2004	International	Low boy tractor	Used by the Bois Forte Band of Chippewa Public Works Division	2HSCEAPR24CO83431
1997	International	Plow Truck/sander & wing	Used by the Bois Forte Band of Chippewa Public Works Division	1HTSCABPXVH492807

The eligible vehicles will be scrapped and replaced with low-emission new diesel truck. The Bois Forte Band of Chippewa understands the term "scrapped" means to render inoperable and available for recycle, at minimum, to specifically cut a 3" or larger hole in the engine block of each vehicle and to disable the chassis by cutting the vehicles frame rails completely in half.

The Bois Forte Band of Chippewa will purchase the following low-emissions replacement vehicles:

Year	Make	Model	Description	Qty	Cost
2021	International	HX520 Low Boy Tractor	Heavy Freight Truck	1	123,065
2021	International	HV613 Front Plow and Wing with Spreader	Heavy Freight Truck	1	204,218

Bois Forte Band of Chippewa  
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The total cost of the replacement vehicles will be 327,283. Costs have been obtained from qualified dealers in accordance of the Tribes Procurement Policies. The costs include delivery to the Bois Forte Reservation.

The community and air quality benefits from the mitigation project will include energy efficiency and a reduction in pollution, including reduced emissions of NOx, reduced emission of noise, reduced fuel consumption, and reduced fuel costs.

**Section 5.2.3**

The Eligible Mitigation Actions to be undertaken by the Bois Forte Band of Chippewa significant reduction in NOx emissions, other pollution, and fuel consumption. Detailed data regarding Diesel Emissions Qualified (DEQ) standards of the U.S. Environmental Protection Agency and the Eligible Mitigation Action undertaken for vehicle replacement are as follow:

Vehicle	Annual Reduction in NOx Emissions	Lifetime Reduction in NOx Emissions	Annual Reduction in PM2.5	Lifetime Reduction in PM2.5
International Low boy Tracter	88.9%	88.9%	97.2%	97.2%
International Plow and wing with spreader	95.3%	95.3%	98.1%	98.1%

**Section 5.2. 7.1**

The governmental entities responsible for review and audit expenditures of eligible Mitigation Action Funds to ensure compliance with applicable law are the Office of Legal Counsel and the Accounting Department of the Bois Forte Band of Chippewa.

**Section 5.2. 7.2**

The Bois Forte Band of Chippewa is committed to maintaining and making publicly available all documentation submitted in support of the Funding Request and all records supporting all expenditures of Eligible Mitigation Action funds, subject to applicable laws governing the publication of confidential business information and personally identifiable information.

## Bois Forte Band of Chippewa VW Settlement

As stated in Appendix D-3, paragraph 7 addendum, the Bois Forte Band of Chippewa will establish a webpage dedicated to the funding received from the VW Settlement Trust, which will include a link for members of the public to request additional information and documents related to the funding request and expenditure funds. The Band will endeavor to respond to such requests within ten (10) business days and, when documents are requested, will advise the individual within that timeframe of the procedure for reviewing such documents.

The Band follows its own duly enacted law (the Bois Forte Band of Chippewa Data Privacy Ordinance, as amended) for matters governing the publication of confidential business information and personally identifiable information, and exemptions thereto.

### **Section 5.2.8**

This project involves a limited cost share. The total cost of the project is 327,283. It has been determined that the Bois Forte Band of Chippewa is eligible for 299,263 from the Environmental Mitigation Trust in the third funding cycle. The Tribe will commit 28,020 to the project.

### **Section 5.2.9**

No governmental agency has contacted the Bois Forte Band of Chippewa regarding the Tribe's intent as a Beneficiary.

### **Section 5.2.10**

Not Applicable

## **Emissions Results for the Bois Fore Band of Chippewa Environmental Mitigation Action**

The combined results for all groups and upgrades in the project are from the U.S. Environment Protection Agency Diesel Emissions Quantifier.

These results include the identified eligible vehicles to be replaced in this Environmental Mitigation action. See the following pages.

Not logged in

Note: Your session will time out after 30 minutes of inactivity.  
For best results, do not use your browser's "back" arrow.

## Emission Results and Health Benefits for Project: Bois Forte Band of Chippewa

### Emission Results

Here are the combined results for all groups and upgrades entered for your project.<sup>1</sup>

<u>Annual Results (short tons)<sup>2</sup></u>	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>	Fuel <sup>3</sup>
Baseline for Upgraded Vehicles/Engines	0.238	0.021	0.020	0.080	50.6	4,500
Amount Reduced After Upgrades	0.212	0.020	0.018	0.071	0.0	0
Percent Reduced After Upgrades	88.9%	97.2%	89.6%	89.5%	0.0%	0.0%

<u>Lifetime Results (short tons)<sup>2</sup></u>	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>	Fuel <sup>3</sup>
Baseline for Upgraded Vehicles/Engines	0.715	0.062	0.061	0.239	151.9	13,500
Amount Reduced After Upgrades	0.636	0.060	0.055	0.214	0.0	0
Percent Reduced After Upgrades	88.9%	97.2%	89.6%	89.5%	0.0%	0.0%

<u>Lifetime Cost Effectiveness (\$/short ton reduced)</u>	NO <sub>x</sub>	PM2.5	HC	CO	CO <sub>2</sub>	Fuel <sup>3</sup>
<b>Capital Cost Effectiveness<sup>4</sup></b> (unit & labor costs only)	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Cost Effectiveness<sup>4</sup></b> (includes all project costs)	\$0	\$0	\$0	\$0	\$0	\$0

<sup>1</sup> Emissions from the electrical grid are not included in the results.

<sup>2</sup> 1 short ton = 2000 lbs.

<sup>3</sup> In gallons; fuels other than ULSD have been converted to ULSD-equivalent gallons.

<sup>4</sup> Cost effectiveness estimates include only the costs which you have entered.

### Remaining Life

<b>2004 International Low Boy:</b> Freight   Short Haul - Combination   Class 8 (Other) Vehicle Replacement - ULSD (diesel)	3 years
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### Health Benefits

Note: For comparison purposes only. The Health Benefits module data is out of date and will be updated when resources become available. Health Benefits data is not available for Alaska, Hawaii, Puerto Rico or the Virgin Islands.



Not logged in

*Note: Your session will time out after 30 minutes of inactivity.  
For best results, do not use your browser's "back" arrow.*

## Emission Results and Health Benefits for Project: Bois Forte Band of Chippewa

### Emission Results

Here are the combined results for all groups and upgrades entered for your project.<sup>1</sup>

<b><i>Annual Results (short tons)<sup>2</sup></i></b>	<b>NO<sub>x</sub></b>	<b>PM2.5</b>	<b>HC</b>	<b>CO</b>	<b>CO<sub>2</sub></b>	<b>Fuel<sup>3</sup></b>
Baseline for Upgraded Vehicles/Engines	0.308	0.020	0.025	0.096	22.5	2,000
Amount Reduced After Upgrades	0.294	0.019	0.023	0.089	0.0	0
Percent Reduced After Upgrades	95.3%	98.1%	92.4%	93.0%	0.0%	0.0%

<b><i>Lifetime Results (short tons)<sup>2</sup></i></b>						
Baseline for Upgraded Vehicles/Engines	0.616	0.039	0.050	0.192	45.0	4,000
Amount Reduced After Upgrades	0.587	0.039	0.046	0.179	0.0	0
Percent Reduced After Upgrades	95.3%	98.1%	92.4%	93.0%	0.0%	0.0%

<b><i>Lifetime Cost Effectiveness (\$/short ton reduced)</i></b>					
<b>Capital Cost Effectiveness<sup>4</sup></b> (unit & labor costs only)	\$0	\$0	\$0	\$0	\$0
<b>Total Cost Effectiveness<sup>4</sup></b> (includes all project costs)	\$0	\$0	\$0	\$0	\$0

<sup>1</sup> Emissions from the electrical grid are not included in the results.

<sup>2</sup> 1 short ton = 2000 lbs.

<sup>3</sup> In gallons; fuels other than ULSD have been converted to ULSD-equivalent gallons.

<sup>4</sup> Cost effectiveness estimates include only the costs which you have entered.

### Remaining Life

**Bois Forte Band of Chippewa  
VW Settlement**

**Attachment B**

**5.2.4. Mitigation Action Management Plan Including Budget and Implementation and Expenditure Timeline**

**PROJECT BUDGET** Period of Performance: Third Funding Cycle

<b>Budget Category</b>	<b>Project Costs</b>	<b>Cost Share</b>	<b>Trust Funds</b>
<b>Equipment</b>			
Acquisition: International 2021 HX520 Low Boy Tractor	123,065		123,065
Acquisition: International 2021 HV613 Plow Truck with wing and sander	204,218	28,020	176,198
Project totals	327,283	28,020	299,263
Percentage	100%	9%	91%

**Trust Allocation**

The Trust notified the Bois Forte Band of Chippewa that the Tribe is eligible for \$299,263 from the Environmental Mitigation Trust in its third cycle. The Bois Forte Band of Chippewa will provide \$28,020 for a cost-share in the project and is committed to covering any unexpected additional cost.

Bois Forte Band of Chippewa  
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<b>Milestones</b>	<b>Date</b>
Trustee Notifies Bois Forte Band of Chippewa of Mitigation Funds Available to Tribe	May 15, 2020
Bois Forte Community Development & Planning Division submits Mitigation Proposal to Trust	August 28, 2020
Trustee Acknowledges Receipt of Proposal and Funding Direction for Payment Advance	Oct 28, 2020
Bois Forte Band of Chippewa Solicits Bids for Vehicle Replacement	Oct 28, 2020
Trustee Allocates Share of Funds as Payment Advance for Approved Project	Nov 12, 2020
Trustee Disburses Mitigation Funds for Round 3	Nov 12, 2020
Bois Forte Band of Chippewa Issues Purchase Orders for Replacement Vehicles	Nov 14, 2020
Replacement Vehicles are delivered, registered, and licensed	Dec 30, 2020
Bois Forte Band of Chippewa Community Development & Planning Division provides detailed invoices for all claimed project costs, documentation for emission reduction estimates, requires certification documents to Trustee for Final Accounting.	May 12, 2020
Bois Forte Band of Chippewa Community Development & Planning Division submits Final Report	May 12, 2020

**Bois Forte Band of Chippewa  
VW Settlement**

**Attachment C**

**Plan for Reporting on Eligible Mitigation Action Implementation**

**5.2.11**

The Bois Forte Band of Chippewa Community Development & Planning Division will report to the Trustee in Eligible Mitigation Action implementation on a six month basis by providing detailed written reports to the Trustee on or before the first six month period ending on May 12, 2021. In the event the project closes all activities and expends all Trust Funds prior to this date, then the May 12, 2021 report will be submitted as the Final Report.

If the project is not closed out within the first six-month period, then the next report will be submitted to the Trust on or before July 30, 2021 and January 30, 2022. Interim or final reports will include all actions taken by the Community Development & Planning Division as the Lead Agency, all claimed project costs, documentation for emission reduction estimates, and required certification documents to the Trustee.

**Bois Forte Band of Chippewa  
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**Attachment D**

**Cost Estimates**

**5.2.6**

Cost estimates from potential vendors for each proposed expenditure exceed 3,000.00 and subject to the Tribes Procurement Policy require bids, these are attached as Attachment D and found in the following pages.

High level Spec  
Color: grey metallic



# Hx520 SFA 6x4

Sales Proposal For:  
**BOIS FORTE RTC**

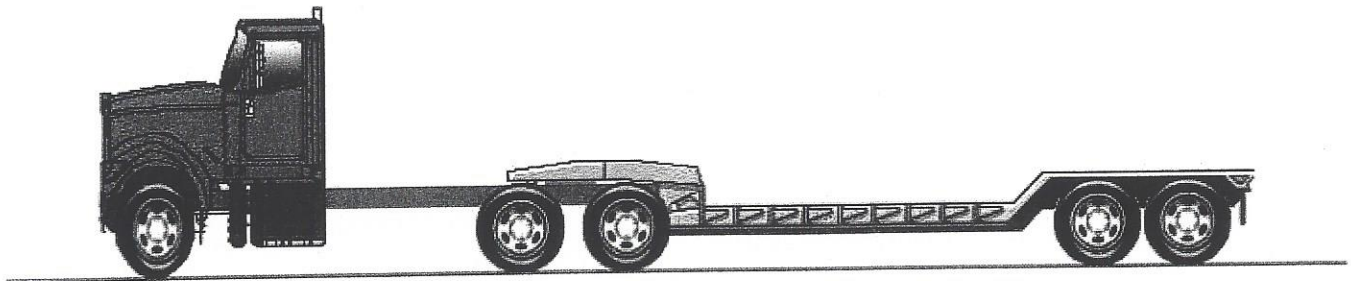
Presented By:  
**MID-STATE TRUCK SV INC.**

123,065.17

**Prepared For:**  
BOIS FORTE RTC  
JOEL ASTLEFORD  
P.O. BOX 16  
NETT LAKE, MN 55772-  
(218)757 - 3261  
Reference ID: HX520 daycab

**Presented By:**  
MID-STATE TRUCK SV INC.  
Sam Powers  
PO BOX 1150  
MARSHFIELD WI 544497150  
218-741-9505

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 HX520 SFA 6x4 (HX52F)**

<b>APPLICATION:</b>	Low-Boy Tractor
<b>MISSION:</b>	Requested GCWR: 66000. Calc. GCWR: 115000. Calc. GVWR: 59200 Calc. Start / Grade Ability: 36.06% / 2.55% @ 55 MPH Calc. Geared Speed: 89.8 MPH
<b>DIMENSION:</b>	Wheelbase: 221.00, CA: 131.00, Axle to Frame: 65.00
<b>ENGINE, DIESEL:</b>	{Cummins X15 565} Performance Series, EPA 2017, 565HP @ 1950 RPM, 1850 lb-ft Torque @ 1150 RPM, 2000 RPM Governed Speed, 580 Peak HP (Max)
<b>TRANSMISSION, MANUAL:</b>	{Fuller RTLO(F)-18918B} 18-Speed Manual, Double Overdrive, Double-Lo, Air Shift, Internal Lube Oil Pump
<b>CLUTCH:</b>	{Eaton Fuller Advantage} Self-Adjusting, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, 7-Spring Coaxial VCT Plus Damper (Soft Rate) Mechanical Pull-Type Control, 6-Button Disc, 1860 lb-ft Torque Capacity
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MFS-13-143A} Wide Track, I-Beam Type, 13,200-lb Capacity
<b>AXLE, REAR, TANDEM:</b>	{Meritor RT-46-160P} Single Reduction, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 3.73
<b>CAB:</b>	Conventional, Day Cab
<b>TIRE, FRONT:</b>	(2) 11R22.5 Load Range H HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position
<b>TIRE, REAR:</b>	(8) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
<b>SUSPENSION, REAR, AIR, TANDEM:</b>	{Hendrickson HAS-460-55} 46,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock Absorbers
<b>PAINT:</b>	Cab schematic 100LV Location 1: 8752, Charcoal Metallic (Prem) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
HX52F00	Base Chassis, Model HX520 SFA 6x4 with 221.00 Wheelbase, 131.00 CA, and 65.00 Axle to Frame.
1616	FRAME RAILS WITH TAPERED REAR
1AMS	CROSSMEMBER, FRAME TIE for Heavy Duty
1CAG	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL
1LPG	BUMPER, FRONT Gull Wing, Aluminum, Stainless Steel Clad, Heavy Duty
1WRW	TOW HOOK, FRONT (2) Frame Mounted; 80,000-lb. Total Capacity
1WXD	WHEELBASE RANGE 211" (535cm) Through and Including 256" (650cm)
2ASG	AXLE, FRONT NON-DRIVING {Meritor MFS-13-143A} Wide Track, I-Beam Type, 13,200-lb Capacity
3ADD	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 14,000-lb Capacity, with Shock Absorbers
4092	BRAKE SYSTEM, AIR Dual System for Tractor Applications
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank
4803	TRAILER HOSES AND CABLES Straight, Rubber Hose, 14' Working Length, Aluminum Glad Hands with Rubber Seals, Lighting Cable with Nylon Plug
4808	HOSE TENDER Slide Bar with Single Spring Bracket, Bar Extended 4" from Cab
4AZY	AIR BRAKE ABS {Bendix AntiLock Brake System} 6-Channel (6 Sensor/6 Modulator) Electronic Stability Program, with Automatic Traction Control
4EBT	AIR DRYER {Bendix AD-IP} with Heater
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqiN Spring Brake
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqiN
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VGM	AIR TANK Polished Aluminum, with Straight Thread O-Ring Ports
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes
4XDP	BRAKES, FRONT {Meritor 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,600-lb Capacity
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4XEE	PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type
5710	STEERING COLUMN Tilting and Telescoping
5CBE	STEERING WHEEL 4-Spoke; 18" Dia., Black Leather Wrapped
5PSA	STEERING GEAR {Sheppard M100} Power
6DGU	DRIVELINE SYSTEM {Dana Spicer} SPL250 Main Driveline with SPL170 Interaxle Shaft, for 6x4
7BES	AFTERTREATMENT COVER Polished Aluminum



<u>Code</u>	<u>Description</u>
7BMD	EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Dual Vertical Tail Pipes, Cab Mounted, Left Side Pipe is Non-Functional/Aesthetic Only, Includes Bright Guards
7MAY	TAIL PIPE (2) Turnback Type, Chrome, 6" Diameter Belled Down to 5" at Muffler
7SAP	ENGINE COMPRESSION BRAKE {Cummins} Interbrake For Cummins Signature/ISX/X15 Engines; Furnished with Engine
7WBU	EXHAUST HEIGHT 11' 6"
7WZY	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
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: HAZARD SWITCH Integral with Turn Signal Switch
	: 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 Manual Cancelling with Lane Change Feature
	: TURN SIGNALS, FRONT Includes Integral Reflectors and Side Marker Lights; Fender Mounted
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature, Steering Column Mounted
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
	: WIRING, CHASSIS Color Coded and Continuously Numbered
8695	SNOW SHIELD (2) Chrome; for Dual Air Horns
8718	POWER SOURCE Cigar Type Receptacle without Plug and Cord
8836	HORN, AIR (2) Single Bell, Organ Tone, Extra Long, Chrome
8GXJ	ALTERNATOR {Leece-Neville AV160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount
8MJR	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2250CCA Total, Top Threaded Stud
8RMG	ANTENNA BASE (2) Single Function, (1) for CB and (1) for Entertainment Radio, without Splitter, Separate Lead-Ins, with CB Antenna Mounted on Left Mirror and AM/FM Antenna Mounted on Right Mirror
8RPV	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input, with Multiple Speakers
8THG	AUX. TRAILER SOCKET 7-Way; with Battery Fed Circuit to Center Pin, with 25 Amp Fuse and Relay Controlled by Switch with Indicator Light on Instrument Panel Fed From Hot Battery Feed (Not wired Thru Key Switch)
8TKB	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
8VAY	HORN, ELECTRIC Disc Style
8VUS	BATTERY BOX COVER Polished Aluminum, Universal Cover that Covers Both Battery Box & DEF Tank
8WCK	POWER SOURCE, TERMINAL TYPE 2-Post
8WJN	BATTERY BOX Aluminum, with Plastic Cover, 30" Wide, 2-4 Battery Capacity, Mounted Left Side Under Cab
8WNH	RUNNING LIGHT (2) Daytime
8WXC	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XCV	TOGGLE SWITCH, AUXILIARY (4) with Four 20-Amp Fuses/Circuit Breakers
8XGM	LIGHT, WORK (2) Pedestal Mounted, Back of Cab, with Switch on Instrument Panel

<u>Code</u>	<u>Description</u>
8XHT	HEADLIGHTS Halogen, Composite Combination
8XJH	FOG LIGHTS (2) Clear Lens, LED, Rectangular, with White Light Source
9505	QUARTER FENDERS for Rear Wheels, Mirror-Finished Stainless Steel, Frame Mounted
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9ASE	FRONT END Tilting, Composite
9HCN	GRILLE Chrome Vertical Accent Bars, with Black Mesh
9WAC	BUG SCREEN Mounted Behind Grille
9WBD	BUG DEFLECTOR Stainless Steel, Mounted on Hood
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	<u>Includes</u>
	: PAINT SCHEMATIC ID LETTERS "LV"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10769	PAINT CLASS Premium Color
10HJB	FIFTH WHEEL, AIR SLIDE {Fontaine SL7LWB725024} 24" Slide, Cast Top Plate, 7.25" Above Top of Frame, Left Hand Release
10WCY	SAFETY TRIANGLES
10WPU	MUD FLAP HOLDER Spring Loaded, Bright Finish, 45-Degree End, with Red and White Reflective Tape, Less Flaps
10WSX	MUD FLAPS, REAR Black Poly, with International Logo, Less Holders
11MRW	CLUTCH {Eaton Fuller Advantage} Self-Adjusting, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, 7-Spring Coaxial VCT Plus Damper (Soft Rate) Mechanical Pull-Type Control, 6-Button Disc, 1860 lb-ft Torque Capacity
11WAK	CLUTCH EFFECTS Hydraulic Clutch Actuation System, with Air Assist
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12EGV	ENGINE, DIESEL {Cummins X15 565} Performance Series, EPA 2017, 565HP @ 1950 RPM, 1850 lb-ft Torque @ 1150 RPM, 2000 RPM Governed Speed, 580 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed
12VBA	AIR CLEANER Dual, Polished Stainless Steel, One Mounted on Each Side of Cowl Ahead of The Doors
12VHE	FEDERAL EMISSIONS {Cummins X15} EPA, OBD and GHG Certified for Calendar Year 2020
12WBR	FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)
12WCT	BLOCK HEATER, ENGINE {Phillips} 120V/1500W, with "Y" Cord for Fuel Heater
12WGA	HOSE CLAMPS, RADIATOR HOSES , Mechanical Type; with Constant-Tension Functionality
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted
12WYZ	RADIATOR DRAIN & FILL FITTING SPECIAL; To Vacuum Out or Fill the Cooling System from the Bottom of Radiator, for Use with Quick-Connect Radiator Drain Tool or Shop Coolant Evacuation-Fill System
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations

<u>Code</u>	<u>Description</u>
12XBC	RADIATOR Aluminum, Welded, Down Flow, Front to Back System, 1325 SqIn, with 806 SqIn Charge Air Cooler
13GKM	TRANSMISSION, MANUAL {Fuller RTLO(F)-18918B} 18-Speed Manual, Double Overdrive, Double-Lo, Air Shift, Internal Lube Oil Pump
13WAS	CLUTCH HOUSING Aluminum; Available with 1350 to 2050 lb-ft Capacity Fuller Transmissions
13WGJ	OIL COOLER MANUAL TRANSMISSION Water to Oil Type Included in Radiator End Tank (REQUIRES TRANSMISSION LUBE PUMP)
13W LX	TRANSMISSION OIL {EmGard 40W} Synthetic; 22 thru 33.99 Pints
13WVD	PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Control Valve, Piping and Wiring, Wired for PTO
14862	PDL WARNING BUZZER Power Divider Lock
14899	SUSPENSION AIR CONTROL VALVE Pressure Release Control In Cab
14HRL	AXLE, REAR, TANDEM {Meritor RT-46-160P} Single Reduction, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 3.73
14ULB	SUSPENSION, REAR, AIR, TANDEM {Hendrickson HAS-460-55} 46,000-lb Capacity, 55" Axle Spacing, 9.5" Ride Height, with Shock Absorbers
14WBN	DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash
14W MK	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 65 thru 89.99 Pints
15DXG	FUEL TANK (2) Polished Aluminum, 24" Dia, 100 US Gal (379L); Total Capacity 200 US Gal (758L), with Dual Supply and Return Lines, Less Equalizer Line, Mounted Left and Right Side, Back of Cab
15LML	FUEL/WATER SEPARATOR {Davco Fuel Pro 382} 120 VAC Plug-in Electric Pre-Heater, Coolant Heated, Includes Water-in-Fuel Sensor
15LNA	FUEL HEATER {Cummins} Plumbing for Thermal Recirculation Valve (TRV) Mounted to Cummins X15 Engines, Thermostatically Controlled
15WDY	DEF TANK 15.9 US Gal (60L) Capacity, Frame Mounted Outside Left Rail, Under Cab
16031	CAB Conventional, Day Cab  <u>Includes</u> : CLEARANCE/MARKER LIGHTS (5) LED Roof Mounted : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window : CONSOLE, CENTER Includes Two Cup Holders with Ash Cup and One Additional Storage Area : GLASS, ALL WINDOWS Tinted : GRAB HANDLE, CAB INTERIOR (2) One Each Side : GRAB HANDLE, EXTERIOR (2) Mounted Behind Driver and Passenger Doors : SPEAKERS IN CAB (4) Two Located in B-Pillar, Two Located Overhead on Driver and Passenger Sides : STEP (4) Two Steps Per Door
16HBA	GAUGE CLUSTER English with English Electronic Speedometer
16HGL	GAUGE, OIL TEMP, REAR AXLE
16HLB	GAUGE, AIR PRESSURE for Pressure in Rear Air Suspension; Mounted In Instrument Panel
16HLC	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} Mounted in Instrument Panel
16JPG	SEAT, DRIVER {National 2000 Model 195} Air Suspension, Hi Back, Vinyl w/Cloth Insert, 2 Arm Rests, Isolator, Adjuster, 3 Chamber Lumbar, 6 Way Front Adj, 3 Way Rear Cushion Adj, 2-15 Degree Back Angle Adjustment, Adj Side Bolster, Vinyl Suspension Cover, Heat

<u>Code</u>	<u>Description</u>
16RAN	SEAT, PASSENGER {National 2000 Model 192} Non Suspension, High Back, Vinyl Boxing with Cloth Facing, 11 Degree Back Angle Adjust
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
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16SNX	MIRROR, CONVEX, LOOK DOWN Right Side, Bright, 6" x 10.5"
16UZJ	STORAGE, REAR WALL Storage Pocket, Located on Back Wall Between Driver and Passenger Seats
16VAW	STORAGE, CAB INTERIOR Molded Holder with Compartments, Thermos Storage, Located at Base of Passenger Seat
16VKA	CAB INTERIOR TRIM Diamond, for HX Day Cab
	<u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Three Storage Pockets; One with Velcro Strap for CB Radio Mounting; Two with Netting : DOME LIGHT, CAB (2) Rectangular, Door Activated; Above Door Mounted, One Each Side : FLOOR COVERING Rubber, Black : SUN VISOR (2) Vinyl with Toll Ticket Strap
16VRT	HEATER, ENHANCED CIRCULATION {Bergstrom} Control, for Extreme Cold Weather Climates
16VZA	WINDOW, REAR 52.25" Wide
16WAK	WINDOW, POWER (2) in Left and Right Doors
16WJG	CAB DOOR LOCKS Power
16WKB	AIR CONDITIONER {International Blend-Air} with Integral Heater and Defroster
16WKR	WINDSHIELD Single Piece
16WLD	CAB REAR SUSPENSION Dual Air Suspension, Includes Special Crossmember Assembly
16XBK	MODESTY PANEL Polished Stainless Steel, with LED Lights, for Day Cab
16XWE	SUNSHADE, EXTERIOR Bright Finish, with Integral Clearance/Marker Lights
16ZDV	GRAB HANDLE, EXTERIOR Towel Bar Type in lieu of Non-Bright Grab Handles, for use with Cab/Frame or Cab/Frame/Sleeper Non-Bright Access, without Chassis Skirts
16ZGV	ACCESS, FRAME Non-Bright, Step Mounted Left Side, with One Deck Plate and Grab Handle
27DVN	WHEELS, FRONT {Accuride 42644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
28DVN	WHEELS, REAR {Accuride 42644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
7372135423	(8) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
7382135415	(2) TIRE, FRONT 11R22.5 Load Range H HSR2 (CONTINENTAL), 498 rev/mile, 75 MPH, All-Position
810000	FIFTH WHEEL LOCATION On Rear Axle Centerline
	<b>Services Section:</b>
40124	WARRANTY Standard for HX Series, Effective with Vehicles Built December 7, 2015 or Later, CTS-2015A LOT/DOT/SETUP

**INTERNATIONAL®**

Vehicle Specifications  
2021 HX520 SFA 6x4 (HX52F)

August 07, 2020

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$260,199.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$260,199.00
Total Goods Purchased:		\$1,350.00
Freight Charge	\$2,350.00	
Total Freight:		\$2,350.00
Total Factory List Price Including Freight:		\$263,899.00
Less Customer Allowance:		(\$140,833.83)
Total Vehicle Price:		\$123,065.17
Total Sale Price:		\$123,065.17
Total Per Vehicle Sales Price:		\$123,065.17
Net Sales Price:		\$123,065.17

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

**Approved by Seller:**

**Accepted by Purchaser:**

\_\_\_\_\_  
Official Title and Date

\_\_\_\_\_  
Firm or Business Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Signature and Date

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

\_\_\_\_\_  
Official Title and Date

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

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



**HV613**

Sales Proposal For:  
**BOIS FORTE RTC**

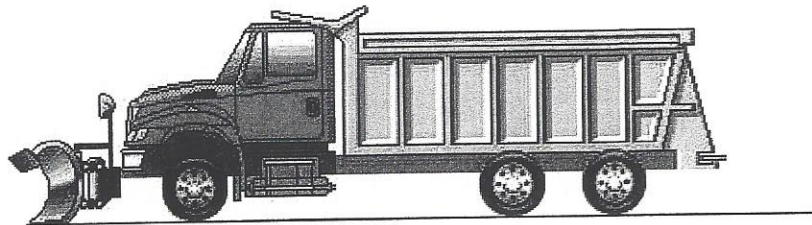
Presented By:  
**MID-STATE TRUCK SV INC.**

*204,217.79*

**Prepared For:**  
BOIS FORTE RTC  
JOEL ASTLEFORD  
P.O. BOX 16  
NETT LAKE, MN 55772-  
(218)757 - 3261  
Reference ID: 291-21

**Presented By:**  
MID-STATE TRUCK SV INC.  
Sam Powers  
PO BOX 1150  
MARSHFIELD WI 544497150  
218-741-9505

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 (HV613)**

<b>AXLE CONFIG:</b>	6X4
<b>APPLICATION:</b>	Front Plow and Wing with Spreader
<b>MISSION:</b>	Requested GVWR: 58000. Calc. GVWR: 60000 Calc. Start / Grade Ability: 35.93% / 3.16% @ 55 MPH Calc. Geared Speed: 78.5 MPH
<b>DIMENSION:</b>	Wheelbase: 187.00, CA: 119.90, Axle to Frame: 63.00
<b>ENGINE, DIESEL:</b>	{International A26} EPA 2017, 430HP @ 1700 RPM, 1550 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{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 Omit Item (Clutch & Control)
<b>CLUTCH:</b>	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor MT-40-14X-5DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .
<b>AXLE, REAR, TANDEM:</b>	5"(12.7mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends Gear Ratio: 4.88
<b>CAB:</b>	Conventional, Day Cab
<b>TIRE, FRONT:</b>	(2) 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
<b>TIRE, REAR:</b>	(8) 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
<b>SUSPENSION, REAR, TANDEM:</b>	{Hendrickson HMX-400-54} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
<b>PAINT:</b>	Cab schematic 100WN Location 1: 0311, Omaha Orange (Std) Chassis schematic N/A



<u>Code</u>	<u>Description</u>
HV61300	Base Chassis, Model HV613 with 187.00 Wheelbase, 119.90 CA, and 63.00 Axle to Frame.

**AXLE CONFIGURATION**

1AND	AXLE CONFIGURATION {Navistar} 6x4
	<u>Notes</u> : Pricing may change if axle configuration is changed.

**ENGINE**

12BEB	ENGINE, DIESEL {International A26} EPA 2017, 430HP @ 1700 RPM, 1550 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)
12XBD	RADIATOR Aluminum, Welded, Cross Flow, Front to Back System, 1292 SqIn, with 1008 SqIn Charge Air Cooler  <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} Direct Drive Type, Two Speed with Residual Torque Device for Disengaged Fan Speed  <u>Includes</u> : FAN Nylon
12VAG	AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12XBR	BLOCK HEATER, ENGINE {Phillips} 120V/1150W  <u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12WEG	COLD STARTING EQUIPMENT Automatic; with Engine ECM Control
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted
12VHC	FEDERAL EMISSIONS {International A26} EPA, OBD and GHG Certified for Calendar Year 2019
12WPX	OIL PAN Rust Protected (Resistive Coating), For N13/A26 Engines
12850	PTO EFFECTS, ENGINE FRONT for N13/A26 Engines, Less PTO, Unit, Includes Adapter Plate on Engine Front Mounted

**TRANSMISSION**

13AUW	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
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab
13WUS	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS), General Purpose Trucks, Package Number 223, Modified for Single Input Auto Neutral
13WEH	AUTOMATIC NEUTRAL Allison Transmission Shifts to Neutral When Parking Brake is Engaged and Remains in Neutral When Parking Brake is Disengaged, without On/Off Switch
13AWA	OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil Type

<u>Code</u>	<u>Description</u>
13XAT	PTO LOCATION Dual, Customer Intends to Install PTO at Left Side and/or Top of Transmission
13WDZ	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, S1 Performance in Primary and Fixed Programming in Secondary
13WLM	TRANSMISSION OIL Synthetic; 63 thru 76 Pints
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter

**CLUTCH**

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11001	CLUTCH Omit Item (Clutch & Control)
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**REAR AXLES, SUSPENSIONS**

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14GVM	AXLE, REAR, TANDEM {Meritor MT-40-14X-5DCR-P} Single Reduction, 40,000-lb Capacity, with Lube Oil Pump, .5"(12.7mm) Wall Housing Thickness, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, R Wheel Ends . Gear Ratio: 4.88
14ULX	SUSPENSION, REAR, TANDEM {Hendrickson HMX-400-54} Walking Beam, 40,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
14WMJ	AXLE, REAR, LUBE {EmGard FE-75W-90} Synthetic Oil; 50 thru 64.99 Pints
14WBV	SHOCK ABSORBERS, REAR (4) for Hendrickson HMX Suspension Only, Mounted from Frame to Beam
14WAL	SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles with Bar-Pin Beam Attachment Type Suspensions

**FRONT AXLES**

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2ARY	AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
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**FRONT SUSPENSIONS**

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3AGA	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers
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**CABS, COWLS, BODIES**

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16030	CAB Conventional, Day Cab
16ZBB	ACCESS, CAB {Bustin} Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Extended Cab, Self-Cleaning
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16WBY	ARM REST, RIGHT, DRIVER SEAT
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
16WSK	CAB REAR SUSPENSION Air Bag Type
16XXC	COWL TRAY LID

<u>Code</u>	<u>Description</u>
16GDG	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
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel
16SEE	GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar
16XJP	INSTRUMENT PANEL Wing Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16SNS	MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Black Heads and Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16SBY	MIRROR, CONVEX, HOOD MOUNTED SPECIAL, Wiring Only for Right Side Heated Mirror, Does Not Include Mirror or Mounting Brackets
16XRX	MODESTY PANEL Painted
16917	MOUNTING BRACKETS for Catwalk, Less Roof Catwalk
16VZB	SEAT BELT COMFORT CLIP
16JNV	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Cloth, Isolator, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust
16SMX	SEAT, PASSENGER {Seats, Inc.} Non Suspension, High Back, Fixed Back, Integral Headrest, Cloth, for use with Batteries in Cab
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16VSL	WINDSHIELD Heated, Single Piece

**FRAMES**

1CGE	FRAME RAILS Heat Treated Alloy Steel (125,000 PSI Yield); 11.25" x 4.00" x 0.500" (285.75mm x 101.6mm x 12.7mm); 480.8" (12212mm) Maximum OAL
1LLK	BUMPER, FRONT Omit Item
1WDS	FRAME EXTENSION, FRONT Integral; 20" In Front of Grille
1WHP	WHEELBASE RANGE 183" (465cm) Through and Including 248" (630cm)

**BRAKES**

4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications <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 : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic (with Air Cam Brakes) : SLACK ADJUSTERS, REAR Automatic (with Air Cam Brakes) : 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

<u>Code</u>	<u>Description</u>
4193	BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers
4EXV	BRAKE CHAMBERS, FRONT AXLE {Bendix} 24 SqIn
4LAA	SLACK ADJUSTERS, FRONT {Haldex} Automatic
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes
4NDB	BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake
4LGA	SLACK ADJUSTERS, REAR {Haldex} Automatic
4WDW	BRAKE CHAMBERS, POSITION on Rear/Rear Axle Located Inside Rear Tire Envelope (Meets Asphalt Spreader/Paver Clearance Requirements)
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes
4SPM	AIR COMPRESSOR {Bendix BA-921 Head Unload} 15.9 CFM
4EBS	AIR DRYER {Bendix AD-9} with Heater
4VKB	AIR DRYER LOCATION Mounted Inside Right Rail, Back of Cab
4WZJ	AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank
4619	TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck

Notes

: When electronic stability control is ordered with trailer connections on a 4x2 truck, please check the operator manual for trailer weight restrictions.

**STEERING**

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5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black

**DRIVELINES**

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6DHB	DRIVELINE SYSTEM {Dana Spicer} 1810HD Main Driveline with 1710 Interaxle Shaft, for 6x4
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**EXHAUST SYSTEMS**

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7BKS	EXHAUST SYSTEM Single, Horizontal Aftertreatment Device, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
7BEU	AFTERTREATMENT COVER Aluminum
7SDK	ENGINE COMPRESSION BRAKE by Jacobs; for N13/A26 Engines, with Selector Switch and On/Off Switch
7WDM	EXHAUST HEIGHT 10'
7WDN	MUFFLER/TAIL PIPE GUARD (1) Aluminum
7WAZ	TAIL PIPE (1) Turnback Type

**ELECTRICAL SYSTEMS**

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<u>Code</u>	<u>Description</u>
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment  <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
12VYL	ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use
8WXD	ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive Manner When Vehicle Park Brake is "NOT" Set, with Ignition "OFF" and any Door Opened
8GXJ	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount
8THJ	AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications
8XDZ	BATTERY BOX Steel, 2-3 Battery Capacity, Mounted Inside the Cab, Under Passenger Seat
8MMG	BATTERY SYSTEM {Deka/EAST PENN 9A31 AGM} Maintenance-Free, (3) AGM 12-Volt 2775CCA Total, Top Threaded Stud
8HAE	BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/ Accessory Power/Ground and Sealed Connector for Stop/Turn
8RNB	CB RADIO Accommodation Package; Header Mounted; Feeds From Accessory Side of Ignition Switch; Includes Power Source and One (1) Antenna, Antenna Base with Wiring on Left Side Mirror
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
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WTP	COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side
8HAG	ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Separate 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
8WRB	HEADLIGHTS ON WWIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord
8VAY	HORN, ELECTRIC Disc Style
8899	JUMP START STUD (2) Remote Mounted
8XHR	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) & USB Port, Located in the Instrument Panel
8RML	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input, MP3, Apple Device Play & Control
8RPB	RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect
8WNH	RUNNING LIGHT (2) Daytime

<u>Code</u>	<u>Description</u>
8RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
8WTL	STARTING MOTOR {Delco Remy 39MT} 12 Volt, Gear Reduced, with Thermal Over-Crank Protection
8VZR	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
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8TKK	TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; with 30 Amp Fuse and Relay, Controlled by Ignition Switch
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

**FRONT END**

9WBK	FRONT END Tilting, Fiberglass, with Three Piece Construction, Includes Long Hood
9WAC	BUG SCREEN Mounted Behind Grille
9585	FENDER EXTENSIONS Rubber
9HBM	GRILLE Stationary, Chrome
9HBN	INSULATION, SPLASH PANELS for Sound Abatement
9AAB	LOGOS EXTERIOR Model Badges
9AAH	LOGOS EXTERIOR, ENGINE Badge Shipped Loose

**SPEEDOMETER, TOOLS, MISC**

10021	CHASSIS COATING Corrosion Resistant E-Coat Primer Coating for Single Frame Rails
10BAE	LABEL, DEF "DEF ONLY"
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100 <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WN"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10SLV	PROMOTIONAL PACKAGE Government Silver Package
10WCY	SAFETY TRIANGLES

**FUEL TANKS**

15SJZ	FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 80 US Gal (303L), Mounted Left Side, Under Cab
15DYP	DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab
15LKK	FUEL/WATER SEPARATOR {Davco Fuel Pro 382} 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor
15LLP	LOCATION FUEL/WATER SEPARATOR Mounted Inside Left Rail, Back of Cab

**WHEELS, TIRES - FRONT**

<b>Code</b>	<b>Description</b>
27DPN	WHEELS, FRONT {Accuride 29039} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Non-Standard Offset, with .5" Thick Disc
7792545437	(2) TIRE, FRONT 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position

**WHEELS, TIRES - REAR**

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28DTT	WHEELS, REAR {Accuride 28828} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and with Steel Hubs
7372135423	(8) TIRE, REAR 11R22.5 Load Range G HDR2 (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

**Services Section:**

**WARRANTY**

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40127	WARRANTY Standard for HV513, HV613 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2030A
1	UNIVERSAL PLOW PACKAGE
	SET UP
	LOT FEE

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Factory List Prices:		
Product Items	\$241,339.00	
Service Items	\$0.00	
Total Factory List Price Including Options:		\$241,339.00
Total Goods Purchased:		\$1,250.00
Freight	\$2,350.00	
Total Freight:		\$2,350.00
Total Factory List Price Including Freight:		\$244,939.00
Less Customer Allowance:		(\$125,603.21)
Total Vehicle Price:		\$119,335.79
Total Body/Allied Equipment:		\$84,882.00
Total Sale Price:		\$204,217.79
Total Per Vehicle Sales Price:		\$204,217.79
Net Sales Price:		\$204,217.79

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

**Approved by Seller:**

**Accepted by Purchaser:**

\_\_\_\_\_  
Official Title and Date

\_\_\_\_\_  
Firm or Business Name

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Signature and Date

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

\_\_\_\_\_  
Official Title and Date

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

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



UNIVERSAL TRUCK EQUIPMENT INC.

N15921 SCHUBERT RD  
GALESVILLE, WI. 54630  
608-539-4600 ORDERS  
608-539-4800 FAX  
Date: 9-12-19

T/A Demo # 9

For: Mid-States Truck Service  
Att: Rob/Lance  
Quoted by: Les Olson

### 1) Henderson Mark E-ti 14-6' Dump Body: (set is for approx. 120" C/T)

#### \* 7ga. 201 Stainless Steel Construction

- \* Unibody design "No cross members"
- \* 14-6ft. box with 96" outside width & 86" inside width
- \* 64in. high header
- \* 44in. sides, fully welded
- \* Two (2) weld on side braces
- \* 52in. four panel air trip tailgate w/ three horizontal braces & grab handles in lower corners
- \* 7ga. 201 S/S Tailgate
- \* One piece 3/16" AR400 floor, 200,000 PSI tensile strength
- \* Seamless floor & side sheets are joined by a continuous welded 45 degree floor to side radius
- \* Contoured front corner post
- \* Full depth rear corner post
- \* Fully boxed in & fully welded top rails
- \* Top rail and rub rail slope outward for dirt & debris shedding
- \* Under frame is two 8" structural steel I-beam long sills with "No splices" – Fully Welded
- \* Two safety body props / tailgate chain retainers & lift loop
- \* 22" x 78" cabshield, fully welded
- \* Back-up alarm
- \* Two sets of mud flaps – rear set to be quick detachable type
- \* Stow-Away ladder with steps & grab handle
- \* One set of shovel hooks, DS
- \* Cougar 3200 vibrator on UTE plate w/ momentary switch in cab
- \* All electrical wiring connections will be put in heat shrink tubing & will run to a sealed junction box
- \* Stainless Steel body with bottom of box and frame painted black
- \* Mounted & fully operational
- \* One year warranty

### 1) Hoist: (with cable pull off valve)

- \* Mailhot Hoist model CS140-5.5-3DA class 90, Double Acting cylinder (power up/power down)
- \* Capacity is 26.0 ton
- \* Greaseable rear hinge assy. with Stainless Steel pins
- \* Two year warranty

### 1) Hydraulic system:

- \* Force America FASD45L (6.0 cu. in.) load sense pump with 1" shut off valve
- \* Parker MCV-ISO Seven (7) spool Add-A-Fold with Stainless Steel valve body enclosure mounted on frame
- \* Valve body to run D/A Plow lift, D/A Plow reversing, D/A Wing toe & heel, Wing hydraulic pushbeam, Auger, Spinner & D/A tele hoist with 2,500 psi. relief on down side
- \* Force America Electric/Hydraulic controls MPJC-6100-4-ULTRA / 4-Stick Controller - Gen-5
- \* 7" diagonal color TFT LCD low profile widescreen w/800 x 480 pixel resolution
- \* 30 gallon Stainless Steel hydraulic oil tank with in-tank type filter assy., sight & temperature gauges
- \* In tank filter with sight & temperature gauge / hydraulic oil / low oil sending unit
- \* Wing heel loc valve / Proximity switch hoist limiter / body up light – wired to 6100
- \* Hoses & couplers as needed (**dust caps & plugs for all couplers**)
- \* Mounted & fully operational / Plow cushion valve installed on front bumper
- \* One year warranty

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T/A Demo # 9

For: Mid-States Truck Service  
Att: Rob/Lance  
Quoted by: Les Olson

### 1) Universal BH-12-48L HDP power reversible snow plow:

- \* 12ft. plow length
- \* 48in. plow height (measured with 6" cutting edge / 50" with 8" cutting edge)
- \* 10ga. moldboard
- \* Pin & Loop hitch, plow portion
- \* **Heavy Duty Push Frame constructed with ½" x 4" x 8" angle iron, eight ½" ribs (in lieu of six), fully welded, six main hinge points (in lieu of four) with the furthest hinge point extending about 15" from the end of the plow**
- \* One heavy duty 4" x 13" power reversing cylinder w/ brass bushing and grease zerk at live end of cylinder for extended wear
- \* Four heavy duty adjustable moldboard trip springs, extension type
- \* ¾" x 4" x 4" lower angle, fully gusseted (lower angle is pre-punched for carbide blades)
- \* Plow is fully welded
- \* **5/8" x 8" x 12' cutting edge with standard AASHO punch**
- \* **Rubber snow flap, 3-ply, ½" thick x 12" wide**
- \* **Plow markers**
- \* **Crank adjustable parking stand**
- \* **Shoe brackets fully welded**
- \* Primed & painted **RED**
- \* Quick couplers & hoses
- \* Mounted & fully operational
- \* One year warranty

### 1) Universal Truck Portion of Pin & Loop style hitch:

- \* 3/8" x 4" x 7" x 90" heavy duty bumper, full length
- \* 3½" x 10" **Double Acting** lift cylinder with **Nitrated rod**
- \* Painted & fully operational
- \* One year warranty

### 1) Henderson TGS II 9" auger tailgate sander:

- \* **201 Stainless Steel Construction**
- \* Direct drive auger motor – standard S/S spill shields installed on inside of tailgate
- \* Full 3/8" thick flighting
- \* Flighting is welded to a 2-3/8" O.D. schedule 80 pipe, supported by 1-1/2" shafts
- \* Ball type bearings are 1-1/4" diameter & are greaseable, mounted with a 4 bolt flange
- \* End plates are ¼"
- \* Bottom opens with 6 hinge points for easy cleanout
- \* 18" self leveling poly spinner assy.
- \* **Mounted & fully operational with hoses & quick disconnects**
- \* One year warranty

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T/A Demo # 9

For: Mid-States Truck Service  
Att: Rob/Lance  
Quoted by: Les Olson

### 1) Universal AHW/UTF 9' Uni-Tilt Wing: (Tilted front mount)

- \* All hydraulic "No cables"
- \* 9ft. moldboard length
- \* 30in. straight moldboard height
- \* 3/16" moldboard thickness
- \* 1½" main pivot bolt
- \* Eight ½" ribs, fully welded
- \* 8" float at the toe
- \* Heavy duty hydraulic pushbeam (Includes wing lock and cushion valve for push arm assembly)
- \* Floating link arm at the heel
- \* Double acting toe cylinder with 3½" bore and 2" Nitrided rod
- \* Double acting 4" x 13" D-cell type heel cylinder with 2" Nitrided rod
- \* ¾" x 4" x 4" lower angle, fully gusseted (top and bottom)
- \* 5/8" x 8" cutting edge with standard AASHO punch (pre drilled holes for carbide blades)
- \* Safety chain at the toe
- \* Safety chain with rear stop
- \* Four (4) 1" thick horizontal floating links
- \* Two (2) ¾" thick vertical connecting links
- \* Four (4) 1½" link bolts with 8" bushings and grease zerks
- \* ½" thick mounting for the slab
- \* ½" x 4" x 6" rectangular front tube assy.
- \* Plow end marker – heel end only
- \* Wing lock valves for wing toe & heel
- \* Hoses & quick couplers with dust caps & plugs as needed
- \* Air-bag installed in front on wing side w/ in cab controls
- \* Mounted & fully operational
- \* Primed & painted RED
- \* One year warranty

### 1) Lights:

- \* UTE adjustable aluminum lightbar installed on the cab
- \* Two (2) Federal Signal Economy highlighters mounted on the lightbar with branch guards
- \* Two (2) Whelen 5G LED warning lights in the rear of the box, rubber grommet mounted
- \* Two (2) LED S/T/T rubber grommet mounted in the rear corner post
- \* Two (2) LED back-up lights rubber grommet mounted in the rear corner post
- \* One set of ABL LED heated front mounted snow plowing lights with signals, high & low beams std.  
install off cowling of truck hood w/ custom made Stainless Steel mounting brackets
- \* One (1) Maxxima LED wing light & one (1) Maxxima LED sander work light
- \* Two (2) Federal Signal 1" strobes in rear corner posts with guards
- \* LED 3 light cluster mounted on the rear hitch plate
- \* 8" round heated mirror installed for viewing the wing
- \* Truck needs to have switch package from the factory

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T/A Demo # 9

For: Mid-States Truck Service  
Att: Rob/Lance  
Quoted by: Les Olson

**1) Pintle hitch:**

- \* 3/4" thick – plate steel
- \* Two (2) heavy duty D-rings
- \* 7 pin trailer light receptacle wired for lights and trailer
- \* Brake controller installed



**Options:**

* 18x18x30 aluminum toolbox installed on the frame	Add: \$ 675.00
* Nordic N400 HID lights installed on the lightbar w/ separate switch	Add: \$ 740.00
* 30-38 tapered moldboard (30"-38") in lieu of straight moldboard	Add: \$ 245.00
* Carbides for the plow and the wing in lieu of the standard cutting edges	Add: \$ 1,500.00
* Donovan Tarping system w/ aluminum arms and asphalt tarp installed	Add: \$ 2,450.00
<b>Rotogrip I - The automatic chain grip system for snow &amp; ice- installed</b>	<b>Add: \$ 2,350.00</b>

- \* Security at the touch of a switch without having to stop the vehicle / Capable of forward & reverse operation
- \* Made of all high grade materials / 10 strands of chain / The chains are capable of low speed operation (5 MPH or less)
- \* The chain strands & drive wheel are designed as field replaceable parts

**Please note:**

Additional cost may be incurred for chassis modifications and/or the relocation of chassis components to accommodate the installation of the equipment listed above. Purchaser acknowledges that Universal Truck Equipment shall not be held liable for any costs, delays or delivery penalties caused due to equipment installation interference with the host chassis.

Most trucks can be ordered to eliminate or minimize the modifying or relocating of the exhaust, battery boxes, air tanks and/or fuel tanks, please confirm with your chassis provider that adequate clearance shall be provided so as not to hinder the installation of the equipment.

Accepted by: \_\_\_\_\_ Title: \_\_\_\_\_