



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Quotation

DNR212113

1

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER
304-558-2316

*427103343 304-776-5600

HERITAGE TRUCK CENTERS, INC
408 GOFF MOUNTAIN ROAD
CROSS LANES, WV 25313

DIVISION OF NATURAL RESOURCES
(IN CARE OF)
SURPLUS PROPERTY
2700 CHARLES AVENUE
DUNBAR, WV
25064 766-2626

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/15/2012				

BID OPENING DATE: 05/24/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
THIS ADDENDUM IS ISSUED TO:						
1) EXTEND THE BID OPENING DATE AND TIME TO:						
05/24/12 AT 1:30 PM						
2) PROVIDE THE ATTACHED TECHNICAL QUESTIONS AND ANSWERS						
***** END ADDENDUM NO. 1 *****						
0001	1	EA	070-54		\$80,292.00	
	2					\$160,584.00
TRUCKS, DIESEL						

RECEIVED

2012 MAY 24 AM 10:19

WV PURCHASING
DIVISION

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	304-776-5600	5-24-12
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Sales Manager	27-1476356	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
 2. The State may accept or reject in part, or in whole, any bid.
 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
 5. Payment may only be made after the delivery and acceptance of goods or services.
 6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
 7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
 12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
 13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vro/hipaa.html and is hereby made part of the agreement provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
 14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
 15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
 16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.
- I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

**ADDENDUM #1
DNR212113**

On page 1 of the requisition change the number of trucks from one (1) to two (2).

Question 1:

The **ratio requested is 3.91 to 1.0**; with the requested **overdrive** transmission FRO-11210-C, the maximum speed on this unit is 91 mph. We can set the electronics to a maximum of 75 mph or, would the buyer prefer a higher numerical ratio to slow the top speed down?

Answer 1:

The specification doesn't change. The required gear ratio is 3.91. If necessary, electronics can be set to limit top speed to 75mph.

Question 2:

There is **no clutch** specified.

Answer 2:

The clutch needed must be of a capacity to support the 10-speed transmission and torque capacity of engine.

Question 3:

The bid request is for 36,000 lb. GVWR; there is no way to get to this number using 11R22.5/G ply tires. This would rate to only 12,350 lbs added to the rear of 23,000 lbs, which equals 35,350 lbs. **Suggest the bid be amended** to 11R22.5/H ply tires which will give you 13,220 lbs. Add 23,000 lbs. for the rear and the total should be 36,220 lbs.

Answer 3:

Tire ply can be amended to 11R22.5/H.

Question 4:

Do you desire the **0.472" / 8.25 DC / 5-hand hole / Hub Piloted rims** that are being spec'd by the WVDOH? If so, this should be specified on the request.

Answer 4:

No; rims should be bid as specified.

Question 5:

Is the **spare tire** you desire should be the same Mud and Snow pattern as the rear tires?

Answer 5:

Spare tire should match front tire pattern.

Question 6:

Our **dual outside mirrors** have an integral convex section. They are 7.09" x 15.75" with heated heads, thermostatically controlled, and power both sides Flat Glass only with clearance lights, LED. Will this meet the specification stated in the bid?

Answer 6:

Yes, Clarification on dimensions for outside mirrors are to be minimum 7" x maximum 16". Integral convex section will meet specifications listed. EXCEPTION: INTERNATIONAL TRUCK OFFERS ONLY
7.09" x 15.75" MIRROR PER SPEC SUPPLIED

Question 7:

As a note, the Dura Star 4400 as indicated does not offer the MaxxForce 9 engine lineup. This will be the WorkStar 7500 series.

Answer 7:

The engine bid must meet the specifications as written.

Question 8:

I have a technical question. I want to bid a Ford F-750. The truck will meet most of the specs of the bid. However, The biggest engine available is a Cummins 6.7L 409 cubic inch engine. Horsepower is 325 @ 2300 rpm and torque is 750 ft. lbs @ 1800.00 rpm. Ford does not offer a 10speed transmission. The transmission would be a Fuller 6-Speed manual with overdrive. GVW will be 36,000 lb. Will this work?

Answer 8:

Minimum specification is 10-speed transmission with 950 pounds of torque.

Question 9:

I need to know the weight of the load of the truck.

Answer 9:

Actual weight of truck will vary, depending on type of tank construction – aluminum, fiberglass, or wood, and the number of tank compartments. As specified, 36,000 GVWR will accommodate the various loads.

Question 10:

I do have one additional question since it appears that you have purchased this truck before. What is the frame that you are using with this body setup? Was it an 80,000 psi rail or a 120,000 psi rail?

Answer 10:

This is a new requisition. Please bid in accordance with specifications.



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER

DNR212113

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

*427103343 304-776-5600
Heritage International Trucks, Inc.
408 Goff Mountain Road

Cross Lanes, WV 25313

DIVISION OF NATURAL RESOURCES
(IN CARE OF)
SURPLUS PROPERTY
2700 CHARLES AVENUE
DUNBAR, WV 25064 766-2626

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/11/2012				

BID OPENING DATE:

05/16/2012

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		070-54		
TRUCKS, DIESEL						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS FOR A NEW CONVENTIONAL CAB TRUCK PER THE ATTACHED SPECIFICATIONS.						
ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.COM OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 04/25/2012 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	304-776-5600	5-16-12
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Sales Manager	27-1476356	

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER

DNR212113

PAGE

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ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER
304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

*427103343 304-776-5600
Heritage International Trucks, Inc.
408 Goff Mountain Road

Cross Lanes, WV 25313

DIVISION OF NATURAL RESOURCES
(IN CARE OF)
SURPLUS PROPERTY
2700 CHARLES AVENUE
DUNBAR, WV 25064 766-2626

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/11/2012				
BID OPENING DATE: 05/16/2012		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER: 44						
RFQ. NO.: DNR212113						
BID OPENING DATE: 05/16/2012						
BID OPENING TIME: 1:30 PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-769-0428						
CONTACT PERSON (PLEASE PRINT CLEARLY): Matt Cochran						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	304-776-5600	5-16-12
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
Sales Manager	27-1476356	

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DNR212113 Specifications

New conventional cab truck (2012 or current model year) with minimum GVWR of 36,000 pounds; (Dura Star 4400 or equivalent)

Wheel Base: 198 inches- minimum 120,000psi yield strength steel frame

Engine: (Maxx Force 9 or equal) turbo charged diesel with a minimum of 560 cubic inches, minimum 315 horsepower and 950lb of torque. Also must have engine compression brake (not exhaust).

Transmission: (Fuller FRO-11210C or equal) 10 speed manual with overdrive. Must have provisions for a power takeoff. PTO control pad to be dash mounted.

Front Axle: (Meritor MFS-13-143A or equal), minimum 13,000lb. capacity with minimum 13,000lb taper leaf springs and shocks absorbers

Rear Axle: (Meritor RS-23-186 or equal) single reduction, minimum 23,000lb and minimum 4500lb auxiliary springs. Axle to have driver controlled locking differential with dash mounted switch. GEAR RATIO TO BE 3.91 with a top speed of 75 mph.

Brakes: Air S-cam type anti-lock drum brakes with air compressor that has a minimum rating of 13.2CFM. Must also have air dryer and moisture ejector systems. Dust shields on front and rear brakes. Automatic slack adjuster on front and rear brakes.

Batteries: Dual 12-volt, minimum 1850 CCA

Alternator: 12-volt with 185amp output minimum

Wheels: Steel disc 5-handhold 22.5" painted steel

Tires: Front: 11R22.5 (load range G); Radial Highway Tread
Rear: 11R22.5 (load range G); Radial Mud and Snow tread
Spare tire and wheel to be same

Exhaust System: Single horizontal with two position switch to inhibit diesel particulate filter regeneration.

Fuel Tank: 70 gallon minimum capacity mounted under cab or on left side (clear frame from back of cab on left and right side to rear axle preferred; however, a protrusion (for consideration of fuel and DEF tank) beyond the back of the cab on the left side is acceptable, providing right side is clear.

Color: Color of vehicle will be selected from manufacturer's standard colors.

Vehicle to have the following equipment:

- Reverse Warning Alarm
 - Front Tow Hooks (2)
 - 12-volt auxiliary plug (mounted on dash)
 - AM/FM/CD Radio
 - Single trumpet air horn with weather shield
 - Circuit breakers
 - Premium cab interior (cab sound insulation, sunvisor, padded headliner, etc,
 - Wrench to fit front and rear wheel lugs
 - Electric high idle switch or hand control throttle
 - Engine block heater – 120 volt
 - Tilt steering column
 - Exterior cab assist entry handles (both sides)
 - Auxiliary driving/fog lights to be mounted in or on the bumper
 - Air conditioning with heater and defroster
 - Stop, turn, tail and backup lights (LED multi-function lamp)
 - Cloth material high back air suspension seats
 - Dual 7.5" x 14.8" heated exterior mirrors with power adjust passenger side and 7/5" convex mirrors mounted both sides under existing mirrors.
 - Cruise control
-

BED SPECS:

- ◊ Steel platform type with a minimum 15-ton inle cylinder hydraulic scissor joist.
- ◊ Air shift PTO control to be mounted on dash of cab.
- ◊ Hoist pump control lever, cable type not acceptable, to be mounted in an easily accessible location to the outside rear of cab on driver's side.
- ◊ Platform is to be 15 feet long by 8 feet wide, constructed of 3/16" smooth steel to be welded to bed sills. Cross members shall extend to and be welded to side rails except where cross member may interfere with wheel clearance. Bed cross members to be 4" x 1/5", 11 gauge steel channel on 12 inch centers and welded to bed sills. Front and rear cross members and every one in between to be braced to bed sill with 1/4" steel plates, triangular in shape with 6" edges. One edge of plate to be welded to sill and the other edge welded to underside of cross member to extend 6" toward outside of bed.
- ◊ Side rails and ends to be 6" high and to be 12 gauge metal. Bed sills to be 7" construction channel, sufficient height to allow enough clearance for the use of tire chains on a fully loaded truck.
- ◊ Bed to be mounted 8" from rear of cab. Bed to have clearance and marker lights and mud flaps that comply with WV state law.

Note: Manufacturer's standard warranty and service policy to be included and shall be honored by all the manufacturer's authorized dealers.

West Virginia Division of Natural Resources
Wildlife Resources Section
DNR212113

Manufacturer's List

Item	Description	Manufacturer	Model No.
1	2012 International DuraStar 4400 or equal, trucks	International	DuraStar 4400

West Virginia Division of Natural Resources
Wildlife Resources Section
DNR212113

Pricing Sheet

Item	Quantity	Description	Unit Price	Total Amount
1	2	2012 International Dura Star 4400 or equal, trucks	\$80,292.00	\$160,584.00

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. Application is made for 2.5% resident vendor preference for the reason checked:
☐ Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
☐ Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,
☐ Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2. Application is made for 2.5% resident vendor preference for the reason checked:
☐ Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. Application is made for 2.5% resident vendor preference for the reason checked:
☐ Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
4. Application is made for 5% resident vendor preference for the reason checked:
☒ Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:
☐ Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6. Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:
☐ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: Heritage International Trucks, Inc. Signed: [Signature]
 Date: 5-16-12 Title: Sales Manager

*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

RFQ No. DNR212113STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, Limited Liability Company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATUREVendor's Name: Heritage International Trucks, Inc.Authorized Signature: [Signature] Date: 5-16-12State of West VirginiaCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 16th day of May, 2012.My Commission expires Dec. 25, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 12/15/09)

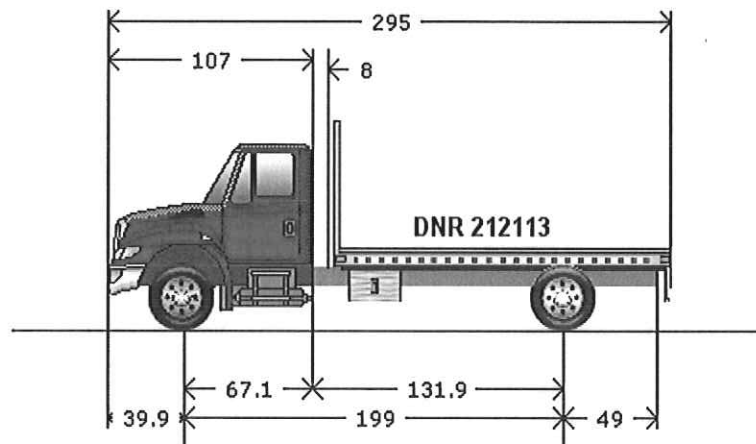
NOTES AND EXCEPTIONS ON DNR212113

- Single trumpet air horn with weather shield: The International DuraStar air horn is mounted under the hood in the frame system. NO weather shield is available
- Cruise Control: The cruise control is part of the Throttle, Hand Control for the engine.
- The rear view mirrors as specified in the addendum is 7" x 16", heated and motorized. The International DuraStar offers only a 7.09" x 15.75" heated (thermostatic) with motorized option on the flat glass only. The mirror assembly includes "Integral Convex" both sides.
- Spare tire and rim will match the tires that are specified as Front.
- There is no DEF tank on this unit; International engines do not utilize this emission technology.

Prepared For:
 WV Division of Natural Resources
 Frank Whittaker
 2700 Charles Ave.
 Dunbar, WV 25064-2236
 (304)558 - 2402

Presented By:
 HERITAGE INTERNATIONAL TRUCKS, INC.
 Chuck W Whitlow
 344 Old Goff Mountain Road
 CHARLESTON WV 25313 -
 (304)204-2601

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
2013 4400 SBA 4X2 (MA035)

APPLICATION:	Flat Dump
MISSION:	Requested GVWR: 36000. Calc. GVWR: 36000 Calc. Start / Grade Ability: 44.70% / 2.15% @ 55 MPH Calc. Geared Speed: 92.0 MPH
DIMENSION:	Wheelbase: 199.00, CA: 131.90, Axle to Frame: 49.00
ENGINE, DIESEL:	{MaxxForce 9} EPA 10, 315 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed
TRANSMISSION, MANUAL:	{Fuller FRO-11210C} 10-Speed Manual, With Overdrive, With Air Shift
CLUTCH:	{Eaton Fuller EP1402 SD} Easy-Pedal Plus, Two-Plate, Cast Angle Spring; Ceramic, 14" Diameter, "Super Duty", 8-Spring Coaxial Free Travel Damper, Mechanical Pull Type Control, Kwik-Adjust(Manual) Feature, With 1.75" Diam. Spline, 1400 lb-ft Torque Capacity
AXLE, FRONT NON-DRIVING:	{Meritor MFS-13-143A} Wide Track, I-Beam Type, 13,000-lb Capacity
AXLE, REAR, SINGLE:	{Meritor RS-23-186} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends, Driver Controlled Locking Differential Gear Ratio: 3.91
CAB:	Conventional
TIRE, FRONT:	(3) 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range H, 16 ply
TIRE, REAR:	(4) 11R22.5 G182 RSD (GOODYEAR) 496 rev/mile, load range H, 16 ply
SUSPENSION, RR, SPRING, SINGLE:	Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring
PAINT:	Cab schematic 100GA Location 1: 2303, Red (Std) Chassis schematic N/A

Description

Base Chassis, Model 4400 SBA 4X2 with 199.00 Wheelbase, 131.90 CA, and 49.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

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); 420.0" (10668mm) Maximum OAL

BUMPER, FRONT Full Width, Aerodynamic, Steel; 0.142" Material Thickness

WHEELBASE RANGE 199" (505cm) Through and Including 254" (645cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-13-143A} Wide Track, I-Beam Type, 13,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 13,000-lb Capacity; With Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

AIR BRAKE ABS {Bendix AntiLock Brake System} Full Vehicle Wheel Control System (4-Channel)

AIR DRYER {Bendix AD-9} With Heater

BRAKE CHAMBERS, FRONT AXLE {Haldex} 20 SqIn

BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake

BRAKES, FRONT, AIR CAM S-Cam; 15.0" x 4.0"; Includes 20 Sq. In. Long Stroke Brake Chambers

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

AIR COMPRESSOR {Bendix Tu-Flo 550} 13.2 CFM Capacity

DUST SHIELDS, FRONT BRAKE for Air Brakes

DUST SHIELDS, REAR BRAKE for Air Brakes

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR {Sheppard HD94} Power

EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Back of Cab, Includes Horizontal Tail Pipe

ENGINE COMPRESSION BRAKE for MaxxForce I6 Engines; Electronically Activated

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

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

POWER SOURCE Cigar Type Receptacle without Plug and Cord

ALTERNATOR {Leece-Neville BLP2361H} Brushless, 12 Volt 185 Amp. Capacity, Pad Mount, with Remote Voltage Sensor

BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under 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

BATTERY SYSTEM {International} Maintenance-Free, (2) 12-Volt 1850CCA Total

RADIO {International} AM/FM Stereo With CD Player, Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers

BACK-UP ALARM Electric, 102 dBA

STOP, TURN, TAIL & B/U LIGHTS {Truck Lite} Super 44, With LED Bulbs for Stop, Turn & Tail Lights, License Plate Light and Backup lights, With Power Module, "International" Termination and Less Junction Box

HORN, AIR Black, Single Trumpet, Air Solenoid Operated

FOG LIGHTS (2) Clear, Oval, With H355W Halogen Bulb

Description

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

HEADLIGHTS Halogen; Composite Aero Design for Two Light System

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

GRILLE Chrome

FRONT END Tilting, Fiberglass, With Three Piece Construction

PAINT SCHEMATIC, PT-1 Single Color, Design 100

TOOL KIT Rim Wrench and Handle Only

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

SAFETY TRIANGLES

CLUTCH {Eaton Fuller EP1402 SD} Easy-Pedal Plus, Two-Plate, Cast Angle Spring; Ceramic, 14" Diameter, "Super Duty", 8-Spring Coaxial Free Travel Damper, Mechanical Pull Type Control, Kwik-Adjust(Manual) Feature, With 1.75" Diam. Spline, 1400 lb-ft Torque Capacity

OIL FILTER, ENGINE {Hudgins Model 960 Spinner}

BLOCK HEATER, ENGINE {Phillips} 120 Volt/1250 Watt

ENGINE, DIESEL {MaxxForce 9} EPA 10, 315 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed

FAN DRIVE {Borg-Warner SA85} Viscous Type, Screw On

RADIATOR Aluminum; 2-Row, Cross Flow, Over Under System, 1045 SqIn Louvered, with 373 SqIn CAC, with 369 SqIn LTR

FEDERAL EMISSIONS for 2010; MaxxForce 9 & 10 Engines

AIR CLEANER With Service Protection Element

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxForce post 2007 Emissions Electronic Engines

FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted

EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Idle Regulations

TRANSMISSION, MANUAL {Fuller FRO-11210C} 10-Speed Manual, With Overdrive, With Air Shift

TRANSMISSION OIL {EmGard 50W} Synthetic; 22 thru 33.99 Pints

PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring

AXLE, REAR, SINGLE {Meritor RS-23-186} Single Reduction, 23,000-lb Capacity, 200 Wheel Ends, Driver Controlled Locking Differential . Gear Ratio: 3.91

SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 23,500-lb Capacity, With 4500 lb Auxiliary Rubber Spring

FUEL TANK Top Draw; D Style, Non Polished Aluminum, 19" Deep, 70 U.S. Gal., 265 L Capacity, With Quick Connect Outlet, Mounted Left Side, Under Cab

CAB Conventional

GAUGE CLUSTER English With English Electronic Speedometer

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER {National 2000 195} Air Suspension, High Back With Integral Headrest, Cloth, Isolator, 3 Chamber Lumbar, 2 Position Front Cushion Adjust, -3 to +14 Degree Back Angle Adjust, Cushion and Back Bolsters

Description

SEAT, PASSENGER {National 2000 195} Air-Suspension, High Back With Integral Headrest, Cloth, Isolator, 3 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Angle Adjustment, Cushion and Back Bolsters

GRAB HANDLE (2) Chrome Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry, Mounted Left and Right, Each Side at "B" Pillar

MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostat Controlled, Power Both Sides Flat Glass Only, Clearance Lights LED,

CAB MOUNTING HEIGHT EFFECTS Mid Cab in Lieu of Low Cab Mounting Height (Approx. 4") for Increased Cooling System Requirements

AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster

INSTRUMENT PANEL Center Section, Flat Panel

CAB INTERIOR TRIM Premium

CAB REAR SUSPENSION Air Bag Type

WHEEL, SPARE, DISC 22.5" Painted Steel, 10 Stud (285.75MM BC Hub Piloted) 8.25 DC Rim

WHEELS, FRONT DISC; 22.5" Painted Steel, 2 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

TIRE, SPARE Equal to Model Standard

WHEEL, FRONT, IDENTITY {Accuride} Front Disc Wheels; Light Weight, 5 Hand-Hole, With 285.75mm B.C. Hub Piloted Mounting, DC Rims

WHEEL, REAR, IDENTITY {Accuride} Rear Disc Wheels; Light Weight, 5 Hand-Hole, With 285.75mm B.C. Hub Piloted Mounting, DC Rims

(4) TIRE, REAR 11R22.5 G182 RSD (GOODYEAR) 496 rev/mile, load range H, 16 ply

(3) TIRE, FRONT 11R22.5 G661 HSA (GOODYEAR) 497 rev/mile, load range H, 16 ply

PVMXS153C KNAPEIDE VALUEMASTER X STEEL FLAT BED 15' 3' X 96" WIDE PER ATTACHED QUOTATION FROM BAKER EQUIPMENT

RAW MATERIALS SURCHARGE - MD

<u>Description</u>	(US DOLLAR)	<u>Price</u>
Net Sales Price:		\$80,292.00

This proposal includes all equipment featured on DNR212113 and Addendum #1.

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

INTERNATIONAL®

Body Allied/Equipment
2013 4400 SBA 4X2 (MA035)

May 23, 2012

(US DOLLAR)

Description

Price

PVMXS153C KNAPHEIDE VALUEMASTER X STEEL FLAT BED 15' 3' X 96" WIDE PER
ATTACHED QUOTATION FROM BAKER EQUIPMENT

\$11,332.00

Total Body Allied/Equipment: \$11,332.00

BAKER TRUCK EQUIPMENT

RT. 60 @ MYNES RD/ PO BOX 482

HURRICANE, W.VA. 25526

PHONE: 800-342-3119(WV) FAX 304-722-3829

VIRGIL MAYSE: CUSTOMER SERVICE/TECH SUPPORT/SALES

WWW.BAKER WV.COM

E-MAIL: VIRGIL@BAKERWV.COM

HERITAGE TRUCK SALES

CROSS LANES, W.VA.

ATT: CHUCK WHITLOW

PHONE: 304-776-5600

FAX: 304-769-0428

DATE: MAY 15, 2012

QUOTE# VM051512-00060

REFERENCE: 2012 INTERNATIONAL 4400 CAB AND CHASSIS, MANUAL TRANSMISSION WITH PTO PROVISION

1-PVMXS153C KNAPHEIDE VALUEMASTER X STEEL FLAT BED

***15' 3" LONG X 96" WIDE**

***10 GA. SMOOTH STEEL FLOOR**

***FORMED CHANNEL SIDE & END RAILS**

***RECESSED STAKE POCKETS**

***FORMED CHANNEL CROSSMEMBERS**

***GUSSET ON EVERY CROSSMEMBER**

***7" STRUCTURAL CHANNEL LONG SILLS**

***RECESSED MARKER LIGHTS WITH RUBBER GROMETS**

***REAR MUD FLAPS**

***ICC BUMPER**

***UNDERCOATING**

***PAINTED BLACK**

***COMPLETE IMMERSION ELECTRO DEPOSITION FACTORY PRIMER**

1-KH1527LDC KNAPHEIDE HOIST

***DOUBLE ACTING CYLINDER-POWER UP AND DOWN**

***SCISSOR TYPE UNDER BODY HOIST**

***PTO WITH DIRECT MOUNT HYDRAULIC PUMP**

***HYDRAULIC OIL RESERVOIR AND DUMP VALVE**

***DUMP CONTROLS ACCESSIBLE BEHIND CAB**

***BODY SAFETY PROP**

***2" X 3" STEEL BOX TUBING FULL LENGTH SUBFRAME**

***INSTALLED \$11,332.00**

1-697097 VELVAC BACKUP ALARM
***~~INSTALLED~~ \$94.00** WITH TRUCK

TERMS: NET 30 DAYS WITH APPROVED ACCOUNT
FOB HURRICANE, W.VA.
PRICE VALID FOR 30 DAYS

**NOTE: QUOTED PRICE DOES NOT INCLUDE MOVING CHASSIS
COMPONENTS IE: TANKS/BATTERIES/EXHAUST/ETC.**

SIGNATURE REQUIRED TO CONFIRM AND VALIDATE ORDER

X _____ **DATE** _____

DURAS*Star*



MILES AHEAD



1

Our swept-back, front windshield comes with over 2,000 sq. in. of glass that offers a commanding view of the road.

2

Two-way breakaway mirrors and three-piece hood reduce repair costs.

3

Diamond Logic™ Electrical System offers safety and convenience features like automated pre-trip inspection and parking brake alarm.

4

Our distinctive, chrome grille and variety of different color options add style to performance.

5

No-hassle MaxxFord Advanced EGR emission technology eliminates need for extra equipment, liquid urea or trapping



IT DOESN'T JUST MAKE DELIVERIES, IT SETS THE EXAMPLE.

In your line of work, people rely on you. That's because you keep shelves stocked and their business flowing. Which is why your team drives the International® DuraStar®. Synchronized and extended service intervals reduce maintenance visits, which help save you money and keep you on the road. While breakaway mirrors and a three-piece hood make repairs quick, easy, and less expensive. Add in a spacious, ergonomically designed cab, with a best-in-class HVAC system and you get a truck that works hard, stays out on the road, and keeps everyone comfortable stop after stop, day after day. The International DuraStar. Miles ahead and raising the bar.

SEE WHAT IT'S LIKE TO LEAD THE
PACK AT INTERNATIONALTRUCKS.COM/DURASTARINFO

MILES AHEAD

6

The set-back front axle with up-to 50-degree wheel cut offers better handling and a tighter turning radius.

7

Our optimized drivetrain performance matches transmission shift points with engine power curves for better responsiveness, reliability and fuel economy.

INTERNATIONAL® DURASTAR® SPECIFICATIONS

ENGINES / TORQUE

MaxxForce® 7 up to 300 HP / 660 lb -ft
MaxxForce® DT up to 300 HP / 860 lb -ft
MaxxForce® 9 up to 330 HP / 950 lb -ft
Diamond Logic® Engine Brake (9 and DT only)

GVWR CAPACITY

23,500 lbs. to 60,000 lbs.

AXLE CONFIGURATIONS

4x2, 4x4, and 6x4

TRANSMISSIONS

Allison automatic
Eaton manual
Eaton UltraShift automated manual

FRONT AXLES

Meritor
Dana
Fabco driving

REAR AXLES

Meritor
Dana

REAR SUSPENSION

Steel Spring standard
Hendrickson HMX (optional)
IROS air ride (optional)

ELECTRICAL SYSTEM

Diamond Logic: multiplexed
Alternators: Up to 320 amp pad mount
Battery Systems: Up to 3 batteries

DURASTAR® DIAMOND LOGIC® CONVENIENCE PACKAGE FEATURES

Parking brake alarm
Windshield wiper speed control (force wipers to slow)
Headlights on with wipers
Pre-trip exterior light inspection

CAB CONFIGURATION

Standard
Extended
Crew

BRAKES

4-wheel hydraulic disc with ABS
Dual air drum brakes with ABS
Traction control (optional)
Electronic stability control (optional)

INTERIOR FEATURES

- Gray color scheme with standard cup holders
- Available column shift with Allison 1000 and 2000 Transmissions
- Available tilts/telescoping column
- Standard cruise control on steering wheel
- LCD display for vehicle diagnostics
- Courtesy light and storage compartments mounted in door
- Extra long seat belts to accommodate larger drivers with heavy work clothing
- Top-quality cloth or vinyl facings seats with dual armrests
- One of the industry's most spacious cabs with more shoulder room, headroom and belly room to keep drivers of all sizes comfortable
- The standard overhead console provides ample storage and convenience

EXTERIOR FEATURES

- Standard rear rubber auxiliary springs provide better stability and a smoother ride for increased driver satisfaction
- The powder-coated bumper resists chips, scratches and corrosion
- Two-way breakaway mirrors improve durability while keeping repair costs low
- Chrome-finished, one-piece grille that's easy to remove delivers a bold and stylish appearance
- A three-piece hood reduces repair costs by letting you replace the fender independently of the hood
- Base coat/clear coat paint



A NAVISTAR COMPANY

*Standard Equipment Specifications are subject to change without notice.

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12a

ENGINE

MAXXFORCE® ENGINES PERFORMANCE SPECIFICATIONS

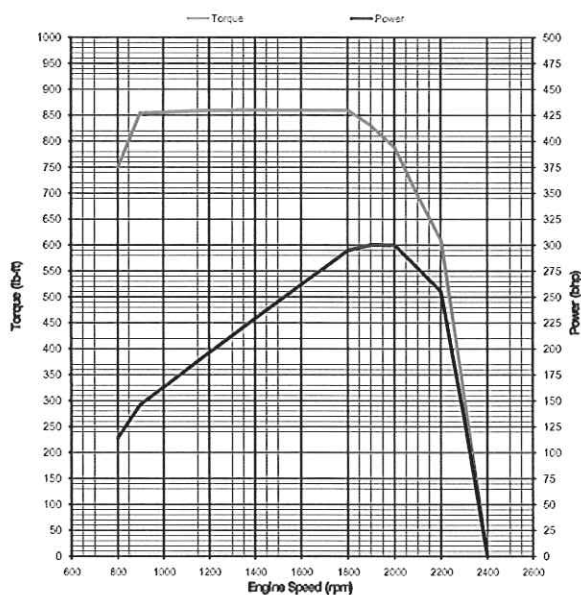
12a

Engine Family: **MaxxForce® 9**

HP Rating: **300 HP**

Code: **12NUU**

Control Type	Electronic
Aspiration	Two-Stage Turbocharger, Intercooler & Aftercooler
Bore X Stroke	4.59 x 5.75 in.
Displacement	570 cu. in.
Compression Ratio	17.2:1
Advertised HP Rating	300 HP @ 2000 RPM
Peak HP	300 HP @ 2000 RPM
HP At Governed Speed	256 HP @ 2200 RPM
Peak Torque	860 lb-ft @ 1200 RPM
Torque Rise	40%
Clutch Engagement Torque	750 lb-ft @ 800 RPM
Weight	1,425



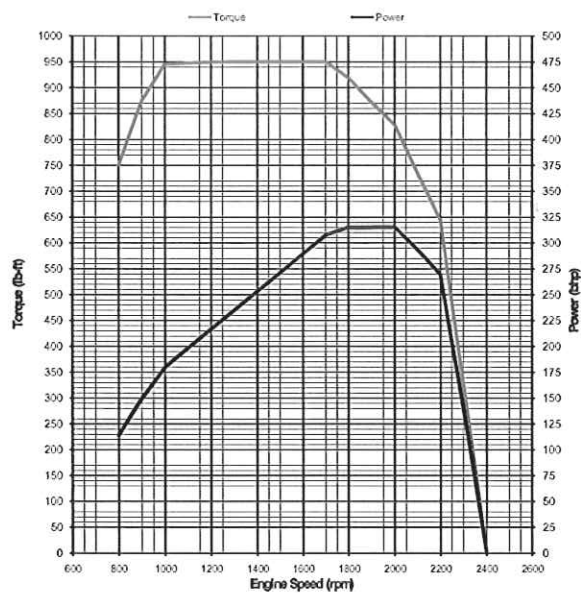
12NUU_curve

Engine Family: **MaxxForce® 9**

HP Rating: **315 HP**

Code: **12NUV**

Control Type	Electronic
Aspiration	Two-Stage Turbocharger, Intercooler & Aftercooler
Bore X Stroke	4.59 x 5.75 in.
Displacement	570 cu. in.
Compression Ratio	17.2:1
Advertised HP Rating	315 HP @ 2000 RPM
Peak HP	315 HP @ 2000 RPM
HP At Governed Speed	269HP @ 2200 RPM
Peak Torque	950 lb-ft @ 1200 RPM
Torque Rise	47%
Clutch Engagement Torque	750 lb-ft @ 800 RPM
Weight	1,425



12NUV_curve

Manual Transmissions – 10-Speed (Continued)

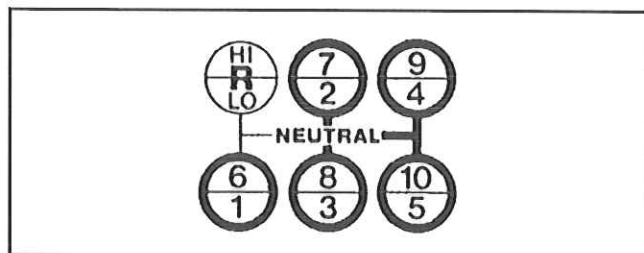
Feature Code	13GGM	13GGV	13GHC	13GHL	13GNB
Manufacturer/ Model Number	Fuller FRO-11210C	Fuller FRO-12210C	Fuller FRO-13210C	Fuller FRO-14210C	Fuller FRO-17210C
GCWR (lbs.)	80,000	80,000	80,000	80,000	80,000
GVWR (lbs.)	80,000	80,000	80,000	80,000	80,000
Ratios & % Split to Next Lower Gear	Ratio		% Split		Ratio % Split
1st	12.69		37		12.94 39
2nd	9.29		38		9.29 38
3rd	6.75		37		6.75 37
4th	4.90		36		4.90 36
5th	3.62		40		3.62 40
6th	2.59		37		2.64 39
7th	1.90		38		1.90 38
8th	1.38		37		1.38 37
9th	1.00		36		1.00 36
10th	0.74				0.74
Rev. 1	13.75				13.75
Rev. 2	2.80				2.80
PTO Opening	Right 6-Bolt; Bottom 8-Bolt	Right 6-Bolt; Bottom 8-Bolt	Right 6-Bolt; Bottom 8-Bolt	Right 6-Bolt; Bottom 8-Bolt	Right 6-Bolt; Bottom 8-Bolt
PTO Gear Speed (% of Engine RPM)	84.0	84.0	84.0	84.0	84.0
Gearing	Twin Countershaft with Conical Clutching Teeth and Helical Gears in Reduction Unit				
Synchronizers	None; But with Synchronized Reduction Unit				
Nominal Torque Capacity (lb-ft)	1150	1250	1350	1450	1750
Case Material	Grey Iron	Grey Iron	Grey Iron	Grey Iron	Grey Iron
Clutch Housing Material ^[2]	Grey Iron	Grey Iron	Grey Iron	Grey Iron	Grey Iron
Dry Weight ^[1] (lbs.)	668.0	668.0	668.0	668.0	678.0
Lubricant Capacity (Pints)	23.5	23.5	23.5	23.5	23.5
Comments	Includes Magnetic Discs (3) in Case & Magnetic Drain Plug				—

NOTES:

[1] = Includes Clutch Housing.

[2] = Aluminum Clutch Housing Available (13WAS) (53-lb. Wt. Saving).

Aluminum Clutch Housing Available (13WAR) (53-lb. Wt. Saving).



Shift Pattern – 009

13_0022

Capacity: **23,000 lbs.**Code: **14ARX**Manufacturer: **Meritor**Model: **RS-23-186**

Type		Single Reduction
Shift Mechanism		N/A
Capacity	(lbs.)	23,000
GCW Rating (lbs.)	On/Off Highway	
	On-Highway	125,000
	On Turnpike	140,000
Brakes	Type	Air
Drive Gear		Hypoid
Ratios		2.93 3.91 5.38
		3.07 4.10 5.63
		3.21 4.30 5.86
		3.42 4.56 6.14
		3.58 4.89 6.83
		3.73 5.13 7.17
Housing	Type	Fabricated
	Section @ Spring	4.62 x 5.25
	Wall Thickness (in.)	0.5
Ring Gear	Mounting	Bolted
	Pitch Dia. (in.)	19.62
Input Shaft	Major Dia. (in.)	2.35
	Number of Splines	46
Axle Shafts	Body Dia. (in.)	2.25
	Number of Splines	46
Wheel Bearings	Type	Tapered
Wheel Ends		R
Dry Weight	(lbs.)	785
Lubricant Capacity	(Pints)	47.3
Ground Clearance	(in.)	8.75 W/11R22.5 Tires (SLR = 19.5")
No-Spin Differential		N/A
Comments		N/A

Capacity: **23,000 lbs.**Code: **14ARY**Manufacturer: **Meritor**Model: **RS-23-186**

Type		Single Reduction*
Shift Mechanism		N/A
Capacity	(lbs.)	23,000
GCW Rating (lbs.)	On/Off Highway	
	On-Highway	125,000
	On Turnpike	140,000
Brakes	Type	Air
Drive Gear		Hypoid
Ratios		2.93 3.91 5.38
		3.07 4.10 5.63
		3.21 4.30 5.86
		3.42 4.56 6.14
		3.58 4.89 6.83
		3.73 5.13 7.17
Housing	Type	Fabricated
	Section @ Spring	4.62 x 5.25
	Wall Thickness (in.)	0.5
Ring Gear	Mounting	Bolted
	Pitch Dia. (in.)	19.62
Input Shaft	Major Dia. (in.)	2.35
	Number of Splines	46
Axle Shafts	Body Dia. (in.)	2.25
	Number of Splines	46
Wheel Bearings	Type	Tapered
Wheel Ends		R
Dry Weight	(lbs.)	805
Lubricant Capacity	(Pints)	47.3
Ground Clearance	(in.)	8.75 W/11R22.5 Tires (SLR = 19.5")
No-Spin Differential		Driver Controlled Locking Differential
Comments		N/A

LIMITED WARRANTY FOR MODELS 1000, 4000, DURASTAR® SERIES

*Effective with vehicles built July 12, 2011 or later.

BASIC VEHICLE

Navistar, Inc., at its option, will repair or replace any part of this vehicle which proves defective in material or workmanship, in normal use and service, with new or ReNEWed® parts, based on the Component Coverage's below. Exceptions are listed below:

BASIC VEHICLE COVERAGE		Months	Miles
Basic Vehicle Warranty (Feature Code 40024) (See exceptions listed below)		24	Unlimited
*Note-items not listed in warranty exceptions follow base warranty			
Warranty Exceptions			
CHASSIS COVERAGE		Months	Miles
Frame side rails		84	Unlimited
Cab/cowl structure		60	Unlimited
Cab/cowl perforation corrosion		60	Unlimited
ENGINE COVERAGE		Months	Miles
Non-Rescue Applications			
MaxxForce® 7 Engine (Includes DPF)		36	150/240
MaxxForce® 9 Engine (Includes DPF)		36	150/240
MaxxForce® DT Engine (Includes DPF)		36	150/240
MaxxForce® 7 Engine glow plugs, relay, harness/connector (07 EPA)		12	Unlimited
Rescue Application Only (Fire Truck, Ambulance, Emergency)			
MaxxForce® 7 Engine (Includes DPF)		60	100/160
MaxxForce® 9 Engine (Includes DPF)		60	100/160
MaxxForce® DT Engine (Includes DPF)		60	100/160
MaxxForce® 7 Engine glow plugs, relay, harness/connector (07 EPA)		36	Unlimited
DRIVETRAIN			
Meritor Axles (DuraStar model)		36	Unlimited
MISCELLANEOUS COVERAGE		Months	Miles
Batteries		12	Unlimited
Brightwork, Chassis Paint and Corrosion (other than Cab)		6	Unlimited
Hood/Cab Paint		12	Unlimited
FIRST 90 DAYS FROM DELIVERY TO USER (DTU)			
Correction of loose fasteners, squeaks, rattles and unusual noises			
Towing (unless specific stated coverage above)			
Adjustments and Maintenance (e.g. aim headlights, adjust brakes/clutch, adjust steering system, check and fill coolant levels.			

WHAT IS NOT INCLUDED UNDER BASIC COVERAGE

• COMPONENTS / ITEMS:

- Warranted by their respective manufacturers (e.g., non-Navistar brand engines, tires, Allison Transmissions, Eaton Hybrid components, lubricants, etc.)
- Bodies, equipment, and accessories installed by other than authorized Navistar Truck employees at Navistar Truck manufacturing plants.
- Front and rear axle alignment.

• REPAIRS & MAINTENANCE:

- Maintenance-related items/repairs, or those as a result of normal wear and tear, including tune-ups, brake/clutch linings, windshield wiper blades, tire balancing, lubrication and other similar procedures/parts required to keep vehicle in good working condition.
- Failures that are the result of poor fuel quality, water in fuel, rust, etc.
- Vehicle misuse, negligent care, improper maintenance, improper operation, or the result of accident or collision.
- Fade, runs, mismatch or damage to paint, trim items, upholstery, chrome, polished surfaces, etc., resulting from environmental causes, improper polishes, cleaners or washing solutions, or chemical and industrial fallout.
- Failure to observe published capacity or load specifications for engine, transmission, propshaft, axles (power train) and suspension.

• OTHER:

- Vehicles sold and/or operated outside the United States and Canada.
- Vehicles/components which have had unauthorized alterations or modifications.
- Vehicles on which the odometer reading has been altered.
- Loss of time or use of the vehicle, loss of profits, inconvenience, or other consequential or incidental damages or expenses.
- Replacement of defective parts with parts other than those provided by Navistar, Inc.

OBTAINING SERVICE

Return this vehicle to any International Truck Dealer authorized to service this model vehicle and engine.

This warranty is automatically transferred to subsequent owners at no charge. Visit your local Authorized International Truck Dealer for name and address change information.

Note: The customer has 365 days and up to a maximum of 100,000 miles (160,000 km) from DTU (delivery to end user) to purchase an extended warranty on the unit. For extended warranty purchases between, 181 through 365 days from DTU and <100,000 miles (160,000 km) an additional fee will be assessed. See your local International dealer for details.

IMPORTANT: The information contained in this Warranty Policy explains the coverage provided on your new Navistar vehicle. This policy should be kept in the vehicle for presentation to the Dealer when you request warranty services.

DISCLAIMER

NO WARRANTIES ARE GIVEN BEYOND THOSE DESCRIBED HEREIN. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE COMPANY SPECIFICALLY DISCLAIMS WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OTHER REPRESENTATIONS TO THE USER/PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES. THE COMPANY FURTHER EXCLUDES LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE COMPANY OR SELLER. No person is authorized to give any other warranties or to assume any liabilities on the Company's behalf unless made or assumed in writing by the Company; and no other person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

Remedies Under State or Provincial Law: Some States and Provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to the owner. This warranty gives the owner specific legal rights, and he may also have other legal rights which may vary by state or province.

RECORD OF OWNERSHIP

Upon receipt of new vehicle by original owner, complete the following:
I have read this Warranty Brochure and fully understand the warranty coverage. I acknowledge that I have received a copy of the Owner's Limited Warranty and I accept the terms described herein.

_____ Customer Signature	_____ Date			
_____ Owner's Address	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%; text-align: center;"> _____ City </td> <td style="width: 33%; text-align: center;"> _____ State/Prov </td> <td style="width: 33%; text-align: center;"> _____ Postal Code </td> </tr> </table>	_____ City	_____ State/Prov	_____ Postal Code
_____ City	_____ State/Prov	_____ Postal Code		
_____ Truck Model	_____ Vehicle Identification Number			
_____ Engine Number	_____ Engine Serial Number			
_____ Date Delivered to User (DTU)	_____ Odometer Reading at Delivery			