



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  
 707EC021

PAGE  
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF  
 JOHN JOHNSTON  
 304-558-2402

VENDOR

\*709035538 01 304-776-5600  
 MOUNTAIN INTERNATIONAL TRUCKS  
 PO BOX 7771

CHARLESTON WV 25356


SHIP TO

DIVISION OF HIGHWAYS  
 EQUIPMENT DIVISION  
 ROUTE 33  
 BRUSHY FORK ROAD  
 BUCKHANNON, WV  
 26201 304-472-1750

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/20/2007				
BID OPENING DATE: 10/17/2007		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 2		
				CHANGES TO THE SPECIFICATIONS PER THE ATTACHED.		
				BID OPENING DATE AND TIME CHANGED		
				FROM: POSTPONE UNTIL FURTHER NOTICE		
				TO: 10/17/07 AT 1:30 P.M.		
				NO OTHER CHANGES.		
0001	1	EA		065-30		\$ 143,301.09
	64,000	GVW		CAB & CHASSIS, STAINLESS STEEL DUMP BODY (Ace Truck and Equipment Body/Spreader)		
***** THIS IS THE END OF RFQ 707EC021 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE:  TELEPHONE: 304/776-5600 DATE: 10-17-07

TITLE: VP FEIN: 55-033-7886 ADDRESS CHANGES TO BE NOTED ABOVE

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



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ADDRESS CORRESPONDENCE TO ATTENTION OF  
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PRIORITY

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PO BOX 7771

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PRIORITY

DIVISION OF HIGHWAYS  
EQUIPMENT DIVISION  
ROUTE 33  
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BUCKHANNON, WV  
26201 304-472-1750

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
06/11/2007				

BID OPENING DATE: **07/25/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		065-30		
64,000 GVW CAB & CHASSIS, STAINLESS STEEL DUMP BODY						
OPEN END CONTRACT						
TO PROVIDE 64,000 GVW CAB AND CHASSIS, STAINLESS STEEL DUMP BODY, AND PISTON PUMP HYDRAULIC SYSTEM AS DESCRIBED IN ATTACHED PROCUREMENT SPECIFICATION 377-2-D						
THERE WILL BE A MANDATORY PRE-BID CONFERENCE AT THE STATE CAPITOL COMPLEX, BUILDING 15, CONFERENCE ROOM, AT 10:00 AM. ON 7/12/07. FAILURE TO ATTEND THE PRE-BID CONFERENCE WILL RESULT IN BID DISQUALIFICATION.						
QUESTIONS: WRITTEN QUESTIONS WILL BE ACCEPTED THROUGH CLOSE OF BUSINESS (5:00PM EST) ON THURSDAY, 6/28/07.						
SEND YOUR QUESTIONS TO: PURCHASING DIVISION JOHN JOHNSTON 2019 WASHINGTON ST. E. CHARLESTON, WV. 25305						
QUESTIONS MAY BE SENT VIA FAX, E-MAIL, OR REGULAR MAIL. E-MAIL: JJOHNSTON@WVADMIN.GOV FAX: 304-558-4115						
IT IS THE VENDORS RESPONSIBILITY TO VERIFY THAT THEIR QUESTIONS HAVE BEEN RECEIVED BY CALLING 304-558-2402.						
EXHIBIT 2						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON ..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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	304/776-5600	10-17-07
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
VP	55-033-7886	

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<p>NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING THIRTY (30) DAYS WRITTEN NOTICE.</p> <p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED IN THIS CONTRACT DOCUMENT, THE TERMS, CONDITIONS, AND PRICING SET HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).</p> <p>QUANTITIES: QUANTITIES LISTED IN THE REQUISITION ARE APPROXIMATIONS ONLY, BASED ON ESTIMATES SUPPLIES BY THE STATE SPENDING UNIT. IT IS UNDERSTOOD AND AGREED THAT</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 304/776-5600	DATE 10-17-07
TITLE VP	FEIN 55-033-7886	ADDRESS CHANGES TO BE NOTED ABOVE

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ADDRESS CORRESPONDENCE TO ATTENTION OF: <b>JOHN JOHNSTON    304-558-2402</b>
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VENDOR PREFERENCE

\*709035538 01 304-776-5600  
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 PO BOX 7771  
 CHARLESTON WV 25356

SHIP TO

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DATE PRINTED <b>06/11/2007</b>	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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BID OPENING DATE: **07/25/2007** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>A MANNER ACCEPTABLE TO THE DIRECTOR PURCHASING, E.G. GOVERNMENTAL BENCH MARKS, GENERAL MARKET INCREASE, PUBLISHED PRICE LISTS. SUCH REQUESTS FOR AND INCREASE SHOULD BE RECEIVED IN WRITING BY THE DIRECTOR OF PURCHASING AT LEAST 30 DAYS IN ADVANCE OF THE EFFECTIVE DATE OF THE INCREASE. ANY TIME THE VENDOR REQUESTS A PRICE ADJUSTMENT, THE PURCHASING DIVISION MAY EITHER ACCEPT THE PRICE ADJUSTMENT AND AMEND THE CONTRACT ACCORDINGLY OR REJECT THE ADJUSTMENT IN ITS ENTIRETY AND CANCEL THE CONTRACT.</p> <p>EXHIBIT 4</p> <p>LOCAL GOVERNMENT BODIES: UNLESS THE VENDOR INDICATES IN THE BID HIS REFUSAL TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO COUNTY, SCHOOL, MUNICIPAL AND OTHER LOCAL GOVERNMENT BODIES, THE BID SHALL EXTEND TO POLITICAL SUBDIVISIONS OF THE STATE OF WEST VIRGINIA. IF THE VENDOR DOES NOT WISH TO EXTEND THE PRICES, TERMS, AND CONDITIONS OF THE BID TO ALL POLITICAL SUBDIVISIONS OF THE STATE, THE VENDOR MUST CLEARLY INDICATE SUCH REFUSAL IN HIS BID. SUCH REFUSAL SHALL NOT PREJUDICE THE AWARD OF THIS CONTRACT IN ANY MANNER.</p> <p>REV. 3/88</p> <p>VENDOR PREFERENCE CERTIFICATE</p> <p>CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS).</p> <p>A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE 	TELEPHONE <b>304/776-5600</b>	DATE <b>10-17-07</b>	
TITLE <b>VP</b>	<b>55-033-7886</b>	ADDRESS CHANGES TO BE NOTED ABOVE	

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PROPERTY

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<p>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 BIDDERS' 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.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX &amp; 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) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; 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.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND 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.</p> <p>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</p>						

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<p>THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:            SEALED BID</p> <p>BUYER: 33            RFQ. NO.: 707EC021            BID OPENING DATE AND TIME</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY            TO CONTACT YOU REGARDING YOUR BID:            304/776-4184</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):            Chuck Whitlow</p> <p>***** THIS IS THE END OF RFQ 707EC021 ***** TOTAL: _____</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT  
NO. 377-2-D

OPEN END CONTRACT  
64,000 GVW CAB AND CHASSIS, STAINLESS STEEL DUMP BODY, AND  
PISTON PUMP HYDRAULIC SYSTEM

NOTE TO BIDDER: Procurement Specification No. 377-2-D, Paragraph 2.0 recommends the completion and submittal of this Report with your bid. Purpose of this Report is to enable the West Virginia Division of Highways Evaluation Committee to make full and fair evaluation of the bid. Addendums in order, along with exception sheets, should be with Bidder's Evaluation Report.  
FAILURE TO SUBMIT THIS REPORT, COMPLETE IN ITS ENTIRETY, MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

Reference Requisition No.: 707EC021

Bidder's Name: Mountain International Trucks, Inc.

Address: P. O. Box 7771 Charleston, WV 25356

Telephone Number: 304/776-5600

Years Bidder has been registered to do business with the State of West Virginia: 50+ YRS.

Years Company has been an authorized dealer for proposed unit: 50+ YRS.

X4.2 DELIVERY:

X4.2.1 Delivery date of completed representative unit: see addendum Calendar Days After Date of Purchase Agreement

X4.2.2 Delivery date of balance of completed units: see addendum Calendar Days After Date of Purchase Agreement

NOTE: Vendors can complete Bidder's Evaluation Report at Purchasing's Web Site  
[www.state.wv.us/admin/purchase](http://www.state.wv.us/admin/purchase)

The Procurement Specifications does not have to be returned with the bid.

(to be completed if bid is awarded)

X6.2  
2-10-00

EQUIPMENT PREVENTATIVE MAINTENANCE QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY BY SUCCESSFUL BIDDER OR MANUFACTURER'S TECHNICAL REPRESENTATIVE PRIOR TO DELIVERY OF PILOT MODEL TO THE WVDOT.

DESCRIPTION: \_\_\_\_\_ MAKE: \_\_\_\_\_

MODEL: \_\_\_\_\_ YEAR: \_\_\_\_\_ PURCHASE AMOUNT: \_\_\_\_\_

ENGINE: MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ FUEL TYPE: \_\_\_\_\_

HORSEPOWER: \_\_\_\_\_ CYLINDER: \_\_\_\_\_ ENGINE SERIAL: \_\_\_\_\_

COOLING SYSTEM CAPACITY: \_\_\_\_\_

BELTS: DESCRIPTION: \_\_\_\_\_ PART NUMBERS: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

GVW: \_\_\_\_\_ AXLE CAPACITY: FRONT: \_\_\_\_\_ REAR: \_\_\_\_\_

TIRES: FRONT MAKE & SIZE: \_\_\_\_\_

REAR MAKE & SIZE: \_\_\_\_\_

DIMENSIONS OF UNIT: LENGTH: \_\_\_\_\_ WIDTH: \_\_\_\_\_ LENGTH: \_\_\_\_\_

VENDOR CONTACT PERSON: \_\_\_\_\_ PHONE: \_\_\_\_\_

PARTS:

BATTERY MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ CCA: \_\_\_\_\_

TOP OR SIDE POST: \_\_\_\_\_ DIMENSIONS: LENGTH \_\_\_\_\_ WIDTH \_\_\_\_\_ HEIGHT \_\_\_\_\_

SPARK PLUGS OR FUEL INJECTORS MAKE: \_\_\_\_\_ PART # \_\_\_\_\_

FUEL PUMP OR INJECTION PUMP MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

ALTERNATOR MAKE: \_\_\_\_\_ PART #: \_\_\_\_\_

STARTER MAKE: \_\_\_\_\_ PART #: \_\_\_\_\_

TURBO CHARGER MAKE: \_\_\_\_\_ PART #: \_\_\_\_\_

TRANS. MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ AUTO/MANUAL: \_\_\_\_\_

HYDRAULIC PUMP MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

FILTERS	MAKE	PART NO.	LUBRICANT	MANUFACTURER TYPE
OIL	_____	_____	ENGINE	_____
AIR INNER	_____	_____	TRANSMISSION	_____
AIR OUTER	_____	_____	POWER STEERING	_____
FUEL PRIMARY	_____	_____	HYDRAULIC	_____
FUEL SECONDARY	_____	_____	DIFFERENTIALS	_____
COOLANT	_____	_____	BRAKE FLUID	_____
HYDRAULIC	_____	_____	COOLANT	_____
OTHER	_____	_____	OTHER	_____



## X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY BY THE SUCCESSFUL BIDDER OR MANUFACTURERS TECHNICAL REPRESENTATIVE PRIOR TO DELIVERY OF PILOT MODEL TO THE WVDOH (If additional lines are needed, make copies of form.)

1. Define the terms of the standard warranty. If not offered, so state. (Attach copy)

Replica of policy attached for information. Extended to 2 years basic coverage-

100,000 miles or 3,600 hours whichever occurs first

2. Define warranty service to be performed at DOH facilities and warranty service to be performed at manufacturer's representative facility. List name and location of manufacturer's representative.

Warranty repairs are covered by the parent corporation International Truck and Engine

Corporation; Minor repairs may be approved at DOH locations with prior written approval from them; Engine is covered by Cummins Diesel and authorization will have to be obtained

3. List locations for parts inventories that are within the State of West Virginia. Also, list availability levels, if from them known.

O. S. Hill, Wheeling, WV Newlons, Elkins, WV R. F. Steiner & Co., Huntington, WV

Mountain International Trucks, Inc., Lewisburg, Beckley, Bluefield and Charleston, WV

Inventory levels of competing dealers is not public knowledge; MIT inventory exceeds \$1M

4. During the term of warranty, list the guarantee discount to manufacturer's published list price for parts that bidder will sell the parts to owner.

A.	Terms: Net 30	Manufacturer's published list price less:	<u>10</u>	% discount
B.	Terms: Net 60	Manufacturer's published list price less:	<u>0</u>	% discount
C.	Terms: Net 90	Manufacturer's published list price less:	<u>0</u>	% discount

5. During the term of warranty, will all manufacturers or engineering improvements be submitted to Division of Highways? xxx YES      NO

6. During the term of warranty, list the guaranteed rates charged for repair to the unit.

A. Shop Rate \$ 86.00 per mechanic hour

B. Travel Time Charge \$ 86.00 per mechanic hour  
(Specify if one-way)                     ; port to port xxx

C. Mileage Charge \$ 2.75 per vehicle mile  
(Specify if one-way)                     ; port to port xxxx

D. Field Mechanic Rate \$ 110.00 per mechanic hour

E. Specify period of time that prices are in effect: as long as rates stay as stated  
in dealership (subject to rate changes)

F. Surcharge for miscellaneous items: 7.0 %

- X8.4.1 Frame material 120,000 PSI yield strength. Is frame extension a "parent rail" material?  
 YES  NO
- X8.4.2 RBM: 2,654,400 million lns/Lb. per rail Single frame rail  YES  NO  
maximum
- To assure space for installation of spinner chute, are the truck chassis frame rails free of obstruction inside the frame rails and along the left outside frame rail in an area approximately 23 inches from the back of the cab  YES  NO
- X8.4.2.1 Where engine and radiator adjustments are required, 2,654,400 million in lb. per rail (RBM). Radiator sits above frame rails
- X8.4.3 Is main frame and any required liners  straight channel or  offset channel, full length
- X8.4.4 Is frame RBM approved by manufacturers Engineering Department?  
 YES  NO  
 Is it bolt on or welded extension?  YES  NO
- X8.4.5 Does front frame accommodate the Department's standard hydraulic PTO shaft and pump, and the plow frame?  
 YES  NO  
 Does it provide easy service accessibility?  YES  NO
- X8.4.5.1 Front frame mounted tow hooks  YES  NO
- X8.4.5.2 Has the factory installed front bumper been omitted  YES  NO
- X8.5 Cab:  
 Manufacturers standard steel, aluminum and/or fiberglass with premium or manufacturers highest level interior trim with inside noise level rating not to exceed 80 dba in compliance with Federal regulations  YES  NO  
 Ambient temperature display for outside temperature  YES  NO  
 Is hood a tilt hood  YES  NO  
 Fenders steel and/or fiberglass  YES  NO  
 Is rear air bag suspension provided  YES  NO  
 Are inner fender panels adequate to keep materials from engine compartment  YES  NO
- X8.5.1 Cab door locks, both doors, keyed alike  YES  NO
- X8.5.2 Dual sun visors  YES  NO
- X8.5.3 Arm rests, both sides  YES  NO

- X8.5.9.12 Parking brake dash controlled with indicator light xxxx YES      NO 56
- X8.5.9.13 Manufacturers best sound/weather insulation package for proposed cab (included with premium interior package) xxx YES      NO
- X8.5.9.14 Outside temperature control with in cab digital read out (included with premium interior package) xxxx YES      NO
- X8.5.10 Rearview Mirrors:
- X8.5.10.1 West coast type power adjustable with convex spot mirror (only flat glass is power adjustable) xxx YES      NO  
Size: 7.09" x 15.75"
- X8.5.10.2 Both mirrors heated type with stainless steel      composite xxx powder coated      or aluminum hardware xxx with corrosion resistance, heads, and fasteners xxx YES      NO
- X8.5.11 Grab Handle: Right hand and left hand sides, internal or external mounting to rear of door opening xxx YES      NO  
Are inside handles featured xxxx YES      NO Is one (1) outside, left, mounted grab handle with non-slip insert for bed aggregate inspection furnished xxx YES      NO
- X8.5.12 Air horns, with snow shields if cab mounted, with adequate clearance for future installation of body dump cab protector      YES xxx NO  
Does it have single air horn used without snow shield if mounted downward on frame rail under hood xxx YES      NO
- X8.5.13 Unit includes lockable hand operated throttle control or electronic control for idle up and idle down for hydraulic flow rate xxx YES      NO
- X8.5.14 Will manufacturer provide for stationary grille or grille with cutout area to allow tilt hood to clear snow plow mount xxx YES      NO  
Is stone/gravel guard provided (Bug Screen is how described) xxx YES      NO
- X8.5.15 Air conditioning: Manufacturers fresh air type heaviest duty with APADS or equal RCD system including replaceable fresh air filter xxx YES      NO
- X8.5.16 Radio: AM/FM stereo with weatherband radio feature xxx YES      NO
- X8.5.17 Glass: Manufacturers tinted safety glass (all locations) xxx YES      NO
- X8.5.17.1 Dual power windows (includes power door locks) xxx YES      NO
- X8.5.18 Manufacturers engine cover or dash mounted extended two (2) cup drink holder xxx YES      NO
- X8.5.19 Front mudflaps manufacturers standard for unit bid xxx YES      NO

- X8.6.1.4.2 Is tail pipe shielded or insulated to protect personnel from burns when entering or exiting the cab xx YES      NO
- The shield is   0   degrees to  180  degrees and of non-rustable material such as stainless steel or aluminum   xx   YES      NO
- Manufacturer:  International (Nelson, Riker or equal)
- X8.6.1.4.3 Exhaust pipe with rain cap or exhaust turn out  xxx  YES      NO
- X8.5.2 Jacob's Engine Brake  xxx  Cummins C-Brake      Mack Power Leash      compression and exhaust      or equal
- X8.6.3 Are engine components facing wheel areas, on both sides, and the areas to the rear of wheels shielded by means of rubber skirts supported by easily removable steel rods International design is no longer on removeable      YES   xx  NO rods; passenger side is fixed and driver side rises out of way with hood
- X8.6.4 Engine oil pan is zinc nickel plated  xxx  aluminum      or non-corrosive coated
- X8.7 Clutch:
- X8.7.1 Externally lubricated and manually adjusted with torque limiting clutch brake  xxx  YES      NO
- X8.7.2 Clutch adjustment set to specifications prior to delivery to the Department  xxx  YES      NO
- X8.7.3 Is clutch dual plate ceramic clutch  xxx  YES      NO
- Size:  15 1/2  inch Kwik adjust (manual feature)   xx  YES      NO
- Manufacturer and model:  Eaton EP1552  with 7 spring damper   xx  YES      NO
- X8.7.4 Does clutch meet or exceed peak engine torque   xx  YES      NO
- X8.8 Cooling System: Is it capable of maintaining engine temperature within the manufacturer's recommended range during continuous operation   xx  YES      NO
- X8.8.1 Does the system incorporate a thermostat and bypass for warm up  xxx  YES      NO
- Is it filled with permanent type Dex Cool extended life or equal antifreeze rated to a -30° F or lower   xx  YES      NO
- Is it a low silicate type antifreeze for diesel engines only (permanent type)  xxx  YES      NO
- X8.8.2 Is it the largest factory available engine cooling capacity compatible with engines and transmission referenced and for continuous high engine output under extreme temperatures and/or operating conditions due to prolonged snow plowing operations in low gears  xxx  YES      NO

## X8.13 Rear Axle:

X8.13.1 Manufacturer and Model: Meritor RT46-164PX8.13.2 Is each unit equipped with driver controlled main locking differential in forward and rear axle that is manually cab controlled xxxx YES      NOX8.13.3 Ratio: Does gear ratio determined give the vehicles the capability of a top speed of approximately 70 MPH xxx YES      NO  
If not 70 MPH, please specify          MPHX8.13.4 Is housing aluminum or other lightweight material      YES xxxx NOX8.13.5 Rear wheel seals: InternationalX8.13.6 Drain plug, magnetic xxx YES      NO

## X8.14 Front suspension:

X8.14.1 Capacity at ground each front spring 10,000 lb.  
Total spring capacity 20,000 lb.X8.14.2 Are the front spring pins or bearings/bushing furnished with 360 degree grease grooves to insure adequate lubricant penetration xxx YES      NOX8.14.3 Are spring hangers heavy castings with sufficient pin and bearing surface to render trouble free service xxx YES      NOX8.15 Rear suspension: Hendrickson RT-463

## X8.16 Front Axle:

X8.16.1 Capacity: 20,000 lbs.X8.16.1.1 Does the front axle, drag links, and tie rods have grease zerks installed xxx YES      NOX8.16.2 Heavy duty shock absorbers xxx YES      NOX8.16.3 Oil lubricated front wheel seals xxx YES      NO Manufacturer: InternationalX8.16.4 Does unit provide adequate tire clearance at maximum turning angles xxx YES      NO

## X8.17 Brakes

X8.17.1.1 Type: Full air, with manufacturers ABS in compliance with the most current FMVSS requirements xxx YES      NOX8.17.2 Compressor: Manufacturer and Model: Cummins 18.7 cu. ft.

X8.17.3 Service Brake Size:

X8.17.3.1 Front: 16.5 x6" "S" cam xxx OR power front disc brake system providing equal performance

## X8.18 Tires and Wheels:

X8.18.1 Truck equipped with hub piloted steel disc wheels for tubeless tires xxx YES      NO

X8.18.2 Wheel end equipped with outboard cast brake drums xxx YES      NO

15 degree tubeless steel wheels, hub piloted, 10 hole - 285.75mm bolt circle with 220mm two-piece flange nuts xxx YES      NO

## X8.18.3 Front:

X8.18.3.1 Wheels: Size: 22.5x9.00DC Hub Pilot  
10 hole 285.75 mm bolt circle with 220 mm bore, tubeless steel disc xx YES      NO

Rated at 10,000 lbs. at a maximum inflation pressure of 130 PSIG.

Manufacturer and Model: Accuride 29039

With 0.500 inch thick disc, non standard off set with steel hubs xx YES      NO

Powder coated with color similar to gray xxx YES      NO

## X8.18.3.2

315/80R22.5  
Tires: Goodyear G287 MSA Ply 20

## X8.18.4 Rear:

X8.18.4.1 Wheels: Size: 22.5x8.25DC  
10 hole - 285.75 mm bolt circle with 220mm bore, tubeless steel disc xxx YES      NO

Rated at 7,500 lbs. at a maximum inflation pressure of 120 PSIG

Manufacturer and Model: Accuride 29169

With 0.472 inch thick disc xx YES      NO

Powder coated with color similar to gray xxx YES      NO

## X8.18.4.2

11R22.5  
Tires: Goodyear G244 MSD 16 Ply

## X8.18.4.3

Does the dual rear wheel/tire assembly have clearance between the tires, which permits the use of dual tire chains xxx YES      NO

## X8.18.5

All wheels have wheel separators xxx YES      NO

## X8.18.6

## Radial Tires:

Front Radial Tire: Manufacturer and Model: Goodyear G287 MSA

Rear Radial Tire: Manufacturer and Model: Goodyear G244 MSD

## X8.19 Steering:

X8.19.1 Power steering: Dual integral xxx OR single integral type      hydraulic power steering with right wheel power-assist cylinder xxx YES      NO

X8.19.2 Steering system: (flow, pressure, relief valve etc): Dual Power M-100/M80

Manufacturer: Sheppard

X8.19.3 Hydraulic supply pump: Vane type xx OR roller type      with sufficient oil flow to permit one (1) steering wheel revolution per second with front axle loaded to rated capacity, with plow on, in a "park" condition      YES      NO

Manufacturer and Model: TRW PS 28-24-16

X8.19.4 Is the pump the integral filter type unit xx YES      NO

X8.19.5 Power steering reservoir: "Remote mounted" xxx YES      NO

Capacity: 1.5 qt. Filter is easy to remove and replace xx YES      NO

X8.19.6 Is the remote filter factory mounted, certified, and engineering approved in conjunction with the appropriate pump xx YES      NO

X8.20 Features considered as standard equipment but not addressed:

Radiator above frame rails to provide clear passage for PTO Shaft; Warning system for low fuel; Side vent glasses; Flush mounted cab marker lights; Breakaway west coast mirrors; Halogen Headlamps

X8.21 Paint: Describe proposed method of painting:

Cab is assembled - and dipped into E-coating process to afford for the best in class protection against corrosion; cab is then base coat-clear coated for reliability and serviceability

X8.22 Detail/Decorative Stripes with Logo:

Installed by body company

X8.22.1 Width: 4 inches

X8.22.2 Will WVDOH logo area comply with 8.22.2 of specification xx YES      NO

X8.22.3 Does conspicuity striping material provided meet requirements of Section 8.22.3 through 8.22.8 of specification xxx YES      NO

X8.23 Does unit offered meet or exceed "Occupational Safety and Health Act of 1970" xxx YES      NO

X8.24 Does unit conform to the advertising guidelines xxxxx YES      NO

X8.25 Preventive Maintenance and Operator's Training School

X8.25.1 Will a preventive maintenance and operator's training seminar be provided xxx YES      NO

X8.25.2 Will booklets and pamphlets be furnished to be used by the operators xxx YES      NO

X8.25.3 Will you furnish all training aids; i.e. videos, projectors, etc. required in conducting the training xxx YES      NO

X9.0 SPECIFICATIONS - 304 STAINLESS STEEL COMBINATION DUMP/SPREADER BODY

The bidder should complete the following schedule in order for the Division to compare the actual bid unit to the specifications. Should the bidder except a requirement, then such exception may be only on the basis that such feature is not offered by the manufacturer. The Division will have the sole discretion as to whether the bidder's substitution meets the requirements of the specifications.

Bidder: ACE TRUCK EQUIPMENT CO.

Address: 1130 NEWARK RD. ZANESVILLE, OH 43701

Telephone Number: 740.453.0551

Years company has been an authorized dealer for proposed unit: 12 years

Manufacturer, model, series, and date of manufacture of proposed combination dump/spreader body:

HENDERSON MUNT-WV 07

Is descriptive literature full describing proposed combination dump/spreader body attached to your bid proposal?  YES  NO

If NO, refer to specification statement Section 6.6

When will required number of operating manuals, service manuals, and complete parts list be delivered to the Equipment Division at Buckhannon? \_\_\_\_\_ prior to deliver of unit or WITH EACH UNIT

Does the combination dump/spreader body have a minimum two (2) year basic bumper to bumper Warranty including parts and labor?  YES  NO

X9.1 Body capacity: 12.7 cubic yards water level

X9.2 Sideboard pockets and tailgate height provides additional capacities of 2 to 5 cubic yards

X9.3 Front body bulkhead: 3/16" inch 304 stainless steel

X9.4 Does cab shield have sufficient clearance to ensure shield will not hit exhaust when dumping on uneven Terrain  YES  NO

X9.5 Two (2) front truck frame mounted tow hooks or eyes accessible through bumper  YES  NO



X9.6 Dimensions:

X9.6.1 Inside length of body: 174 inches

X9.6.2 Inside width of body: 88 inches wide to maximize capacity and lower the center of gravity

X9.6.3 Outside width of body: 95 at the integral fenders

X9.6.4 Body spacing from cab 4 inch

X9.6.5 Basic side height: 45 inches (measure from the floor to top rail)

X9.6.6 Tailgate height: 53 inches (measure from the floor to top rail)

X9.6.7 Body overhang: 10-18 inches (measure from center of hinge pin)

X9.6.8 Cab protector: 22 inches x 94 inches with adequate clearance for cab mounted air horns

X9.7 Cab protector sloped rearward for drainage purposes X YES      NO

X9.8 Construction of the body sides, front, head, and tailgate:

Steel type: 304 STAINLESS STEEL

X9.8.1 Floor: 1/4" inch thickness 304 stainless NO OR abrasion resistant AR400 YES

X9.8.2 Sides: 3/16 inch thickness

X9.8.3 Tailgate plate: 3/16 inch thickness

X9.8.4 Top rail: 3/16 inch thickness

X9.8.5 Cab protector: 10 gauge

X9.8.6 Longitudinal: 10 inch/ 7 gauge 304 stainless steel formed inner/  
10 gauge 304 stainless steel formed with internal stainless steel gussets every  
30 inches

X9.8.7 For future potential pre-wet application, will the combination body be capable of accepting frame mounted approximately 85 gallon poly liquid tanks X YES      NO

Is the body designed to allow maximum protection to the tanks X YES      NO

X9.9 Is all the welding inside the body continuous and not skip welded X YES      NO

Are all rails and posts continuous welded X YES      NO

- X9.10 Are the rear corner posts full length, one (1) piece construction  YES  NO 67
- X9.10.1 Will a rear bolt on spreader apron be provided unless integrated into the rear of the bed  YES  NO
- X9.11 Cab protector sides, formed with gussets, extending forward 22 inches  
Clearance above highest point of cab is 3 inches
- X9.12 Is body a unibody design - no crossmembers  YES  NO
- X9.12.1 Does the body have one (1) piece sides and floor which incorporates a sloping floor to side radius to adequately feed material to conveyor chain  YES  NO
- X9.12.2 The sides of the body slope to the conveyor to facilitate self cleaning of body without raising  YES  NO
- X9.13 The boxed top rail slopes inward to shed debris  YES  NO
- X9.14 Full length 304 stainless steel integral rear fenders are continuously welded and positioned over wheels of the truck chassis  YES  NO
- X9.15 Is there an integrated center conveyor providing the ability of the body to convey granular materials with the body down  YES  NO
- X9.15.1 Does the conveyor have 12 inches or less truck frame to body floor height for lower center of gravity and lower mounting height  YES  NO
- X9.15.1.1 Will wood products be used between truck frame and bed  YES  NO  
N/A CONVEYOR LONG SILLS SIT DIRECTLY ON TRUCK FRAME.
- X9.15.2 1/4 inch 304 stainless steel NO conveyor floor OR abrasion resistant steel (AR400) YES
- X9.15.3 2 inch diameter front and rear shafts with eight (8) tooth sprockets  YES  NO
- X9.15.4 Drive sprockets are double keyed to shaft  YES  NO
- X9.15.5 Conveyor width: 25 inches
- X9.15.6 Is conveyor reversible  YES  NO
- X9.15.7 Is conveyor driven with 25:1 planetary gearbox drives on both the front and rear shafts  YES  NO  
Hydraulic motors 5.0 CIR
- Does one (1) motor have an integral conveyor speed sensor  YES  NO
- X9.15.8 Is conveyor chain D667K pintle type (24,500 lb. tensile/strand)  YES  NO  
With 3/8 inch x 1 1/2 inch conveyor crossbars welded to every link
- X9.15.9 Is there a 10 gauge 304 stainless steel bolt in pan under the conveyor to keep material off chassis frame  YES  NO

- X9.16 Does the body have the capability to convey to the front or the rear with a material spinner for distributing material  YES  NO
- X9.16.1 For front spreading, is there a front feedgate integrated into the head sheet of the body no less than 8 inches x 24 inches with infinite adjustment positions  YES  NO
- X9.16.2 A 304 stainless steel front spinner chute mounted between chassis frame rails and with the body down be completely enclosed to prevent material from dropping on chassis drive shaft  YES  NO
- X9.16.3 For rear spreading, a 7 gauge 304 stainless steel 10-12 inch x 24-26 inch Rear feedgate in the body tailgate  YES  NO
- X9.16.4 Is rear feedgate lever operated YES or screw adjustable NO The feedgate capable of being positively locked into position  YES  NO
- X9.16.5 Is the front spinner bracket and chute mounted to the truck chassis frame and for rear spreading capability the rear spinner chute and brackets installed by successful vendor  YES  NO
- X9.16.6 Is the spinner assembly universal and may be used at front or rear  YES  NO
- X9.16.7 Is the spinner assembly adjustable left to right, and up and down to assure accurate placement of material on spinner disc to facilitate control of spread pattern  YES  NO
- X9.16.8 Does 10 gauge 20 inch diameter spinner disc have replaceable machined hub  YES  NO
- X9.16.9 Is spinner disc vanes 409 NO or 304 YES stainless steel
- X9.16.10 If spinner hydraulic motor is mounted on top of spinner disc, the motor is enclosed in a removable material shedding protective cover  YES  NO
- X9.17 Hydraulic Hoist:
  - X9.17.1 Is it a trunnion mount  or top lift telescopic hoist
  - X9.17.2 Is telescopic hoist no less than N.T.E.A. Class 70  YES  NO
  - X9.17.3 Is single hoist cylinder trunnion mount  or top lift
  - X9.17.4 Does hoist cylinder have three (3) stages with 135 inches of stroke with a six (6) inch diameter first stage  YES  NO  
 Manufacturer and model: MAILHOT CS 135-6-3
  - X9.17.5 Does the cylinder have wear and corrosion resistant nitrided cylinder tubes  YES  NO

- X9.17.6 Cylinder warranty: 2 years
- X9.17.7 Does a five (5) degree oscillating cylinder collar protect the cylinder against side stress, if trunnion mount cylinder provided        YES   X   NO  
NOT APPLICABLE
- X9.17.8 Does the body have 6 inch x 8 inch x 1/2 inch structural angle rear hinge assembly installed in the truck chassis frame   X   YES        NO
- X9.17.9 Does the rear hinge assembly have cold roll steel hinge pins connecting to 2 1/2 inch hinge blocks with grease zerks   X   YES        NO
- X9.18 Are the following features included:
- X9.18.1 Warning light (bed raised) console mounted   X   YES        NO
- X9.18.2 Hydraulic oil level reading   X   YES        NO
- X9.18.3 Safety decals as required   X   YES        NO
- X9.18.4 304 stainless steel mud guards, 10 gauge x 24 inches x 30 inches permanently attached in front of rear wheels   X   YES        NO
- Will body vendor align exhaust stack for body clearance   X   YES        NO
- X9.18.5 304 stainless steel shovel bracket   X   YES        NO
- X9.18.6 304 stainless steel gussets (board pockets) for 4 inch x 6 inch lumber (rough) located at front and rear and mid-rail   X   YES        NO
- 4 inch x 6 inch (rough) oak sideboards supplied and bolted through the gussets   X   YES        NO
- Painted aluminum to match the body   X   YES        NO
- X9.18.7 Does the unit have air operated tailgate with dual brake chamber air tailgate latches (one on each side)   X   YES        NO
- Pivot shafts included stainless steel bushings to eliminate seizing   X   YES        NO
- X9.18.8 1 1/2 inch 304 stainless steel grip strut walk rail installed on both sides of the body   X   YES        NO
- X9.18.9 OSHA approved backup alarm, electronic ambient, adjusts to background noise, 112 dba shock mounted at the rear   X   YES        NO
- X9.18.10 OSHA approved body support, both sides   X   YES        NO
- X9.18.11 Unit equipped with 49,000 lb. capacity pintle hook centered between rear frame rails   X   YES        NO
- Manufacturer and Model: WALLACE B30

Height from ground level to center line of pintle "eye": 32 inches

- X9.18.12 Air deflector-hood mounted, blue or smoke  YES  NO 70
- Deflector manufacturer's standard width for truck mode  YES  NO  
Width: DEPENDS ON CHASSIS MAKE
- Access to front end hood tilt handle  YES  NO
- Extra handle  YES  NO

X9.19 Lighting: Weather/shock resistant lights LED type with average amp draw between .045 - .72  
 YES  NO

Manufacturer and Model: TRUCK LITE MODEL #0

All connections have sure snap plug assemblies and epoxy sealed electronics to protect against shock and vibration  YES  NO

X9.19.1 All marker lights 2 1/2 inch diameter flush mount sealed beam lights with integral reflector mounted in rubber base TRUCK LITE TL10250R  YES  NO

X9.19.2 All ground wires attached with plated steel fasteners  YES  NO

X9.19.3 Rear lights shock mounted, recessed oval stop, tail, turn, and recessed oval back up lights mounted in back post TRUCK LITE TL60250R  YES  NO

Strobe lights marked and switched from dash board location  YES  NO

Manufacturer and Part #: TRUCK LITE 60360Y

X9.19.4 Center rear I.D. lights three (3) located in truck chassis  YES  NO

X9.19.5 Two (2) amber oval LED strobe lights mounted at the front corners of the cab protector, and two (2) amber oval LED strobe lights mounted at each outside corner of the cab protector  YES  NO

Manufacturer and Part # of Both Locations: TRUCK LITE 60360Y

Strobe lights marked and switched at dash board location  YES  NO

X9.19.6 Auxiliary headlights for snowplowing application shock mounted on fender of unit  YES  NO

Manufacturer and Part #: TRUCK LITE 80853

X9.19.7 Two (2) oval amber LED strobe lights mounted at top of rear corner posts right and left sides and switched in combination with cab protector strobe  YES  NO

Manufacturer and Model: TRUCK LITE 60360Y

X9.19.8 Two (2) front frame mounted tow hooks  YES  NO

X9.19.9 Lighted license plate bracket  YES  NO

X9.20 Are the following at the front or rear both sides of the body:

- X9.20.1 304 stainless steel fold down ladder that locks into position when either in the down or up position  YES  NO
- X9.20.2 Two (2) 304 stainless grab handles  YES  NO
- X9.21 Tailgate (304 stainless steel):  YES  NO
  - X9.21.1 Tailgate hinged at top, flame cut hardware, pork chop type off-set hardware to achieve maximum opening of tailgate, but has provision for pivoting at the bottom  YES  NO
  - X9.21.2 Flush mount, 1/2 inch flame cut 304 stainless steel tailgate pivots  YES  NO
  - X9.21.3 Heavy duty offset hinge plates, one (1) inch flame cut 304 stainless steel  YES  NO
  - X9.21.4 3/4 inch 304 stainless steel latch hooks with 3/8 inch 304 stainless steel latch plates  YES  NO
  - X9.21.5 Full perimeter 304 stainless steel boxing with all horizontal edges sloped outward  YES  NO
  - X9.21.6 Two (2) 10 gauge 304 stainless steel sloped horizontal braces that are flush with perimeter Boxing  YES  NO
  - X9.21.7 7 gauge 304 stainless steel 10-12 inch x 24- 26 inch rear feedgate  YES  NO
  - X9.21.8 Cold roll steel upper pins with grease zerks  YES  NO
  - X9.21.9 Top hinge channel has removable, chain tethered keeper pins  YES  NO
  - X9.21.10 Latching action at the bottom of gate operable by the truck driver without leaving the truck cab  YES  NO
  - X9.21.11 Gate is self aligning  YES  NO
  - X9.21.12 Tailgate lower latch pins 304 stainless steel 1 1/4 inch diameter  YES  NO
  - X9.21.13 Body integrated or bolt on 304 stainless steel 15 inch spreader apron  YES  NO
- X9.22 Design and strength characteristic of the entire body such that the unit structural members and the hoisting system will not suffer any deformation, damage, or structural failure resulting from raising a distributed full payload  YES  NO

9.23 Bumper:

X9.23.1 Bumper formed out of 1/4 inch roll steel  YES  NO

Weights 10.20lbs. per square foot

- X9.23.2 Bumper face covers all of truck frame (12 inches) with two (2) flanges of 2.25 inches top and bottom  YES  NO
- X9.23.3 Overall width of bumper: 94 inches
- X9.23.4 Bumper straight across front from centerline of truck chassis 21 inches each side of Centerline, making bumper straight 42 inches long in center with ends swept back 30 degrees and 27 inches each side.
- X9.23.5 Bumper has two (2) access holes for utilization of tow hooks  YES  NO
- X9.23.6 Upper and lower flanges cut and welded solid at point where bumper is bent and ground off smooth  YES  NO
- X9.23.7 Bumper mounted by two (2) mounting angles bolted to front of truck frame with two (2) 5/8 inch bolts each side  YES  NO
- X9.23.8 Mount angle 3/8 inch x 3 inches x 8 long with four (4) 5/8 inch holes  YES  NO
- X9.23.9 Paint on front bumper: BLUE 82-5802
- X9.24 Underbody Tool Box:
- X9.24.1 One (1) tool box mounted under body on right side frame rail  YES  NO
- X9.24.2 Tool box 18 inches high, 24 inches wide, 18 inches deep cradled by a heavy steel angle frame attached to the truck frame  YES  NO
- X9.24.3 Construction 14 gauge, A-60 galvanized steel with all seams welded  YES  NO
- X9.24.4 Tool box has horizontal hinged fold down door  YES  NO
- X9.24.5 Tool box door has cable or chain to hold the door in a horizontal position  YES  NO
- X9.25 Load covering system electrically or air controlled  YES  NO
- X9.25.1 Electric motor assembly includes 12 volt direct drive motor with forward and reverse action, cab mounted control switch, resettable circuit breaker  YES  NO
- X9.25.2 Pivot arm assembly constructed in a two (2) piece bent arm configuration of 1 1/4 inch 14 gauge steel tubing  YES  NO
- X9.25.3 Bent arm extensions constructed of 1 inch 14 gauge steel tubing
- X9.25.4 Rear cross constructed of 1 1/4 inch 14 gauge steel tubing

- X9.25.5 Pivot arm rests included  YES  NO
- X9.25.6 Underbody spring extension spring 12 inches in length attached to base of pivot arm and of body with articulating spring mounting bracket  YES  NO
- X9.25.7 All steel components finished with manufacturer's recommended rust preventative system with adequate primer and paint  YES  NO
- X9.25.8 Steel cab protector mounted triple bend wind deflector provided  YES  NO
- X9.25.9 Load covering system provided with a 18 oz. black vinyl tarp to fit 14 foot 6 inch body  YES  NO
- X9.25.10 Load covering system supplied with all necessary hardware and delivered to the West Virginia Division of Highways as a complete and operational unit.  YES  NO

X9.26 Paint: Describe proposed method of painting  
 X9.26.1 - X9.26.4

NO PAINT ON STAINLESS

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NON-STAINLESS BODY PARTS PAINTED ALUMINUM

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FRONT BUMPER PAINTED BLUE

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X9.27 Detail/Decorative Stripes with Logo:  
 Will striping and detailing you provide comply with requirements of Section 9.27.1 through 9.27.7  
 YES  NO

X9.28 All body features considered as standard, but not specifically addressed:

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X9.29 Does the proposed unit meet or exceed the "OSHA OF 1970" and/or subsequent changes  
 YES  NO



X10.0 SPECIFICATIONS - CENTRAL HYDRAULIC SYSTEM

Is the central hydraulic system designed to operate the following:

A front mounted telescopic dump body hoist cylinder, a hydraulically driven integrated salt and abrasive spreader system requiring the simultaneous operation of two (2) hydraulic motors in two (2) different modes with conveyor reverse, a single acting snowplow lifting cylinder, a snowplow power angle system, plow balance system and an auxiliary equipment drive circuit  YES  NO

Are provisions made for future add on pre-wet system  YES  NO

Bidder: ACE TRUCK EQUIPMENT CO.

Address: 1130 NEWARK RD. ZANESVILLE, OH 43701

Telephone Number: 740.453.0551

Years company has been an authorized dealer for proposed unit: 12 years

Manufacturer, model, series, and date of manufacture of proposed central hydraulic system:

COMPONENT TECHNOLOGY MODEL SG03040008 WEST VIRGINIA SYSTEM MANUFACTURED AS

REQUIRED FOR CONTRACT.

Is descriptive literature full describing proposed central hydraulic system attached to your bid proposal?  YES  NO

If NO, refer to specification statement Section 6.6

When will required number of operating manuals, service manuals, and complete parts list be delivered to the Equipment Division at Buckhannon? prior to deliver of unit or WITH EACH UNIT

Describe:

Pre-Wet System:

Does supplied spreader control contain the ability to control a closed loop pre-wet system  YES  NO

Does system operate using a flow meter feedback circuit  YES  NO

Does controller software allow for adjustability of pre wet output by the operator, represented in gallons per ton  YES  NO

Is information related to pre wet application rate and total flow in gallons displayed on the screen while the pre wet system is active  YES  NO

Does central hydraulic system have a minimum two (2) year basis bumper to bumper warranty including parts and labor?  YES  NO

## X10.1 Pump System:

- X10.1.1 Pump: Variable volume pressure compensated load sensing axial piston type  
 YES  NO
- X10.1.2 Front mounting flange and main housing/case of cast iron construction  YES  NO  
 Inlet and outlet port section of high strength ductile iron with SAE split flange porting or orb type porting  
 YES  NO
- X10.1.3 Is suction port and associated plumbing sized to allow for minimum inlet restriction between the pump and the suction port on the reservoir?  
 YES  NO  
 Does installation comply with pump manufacturers allowable inlet condition specifications  
 YES  NO  
 Is suction plumbing equal to or greater than pump inlet or suction size  YES  NO
- X10.1.4 Is pressure port of the SAE split flange or ORB type side mounted for direct bolt mounting of solenoid shut down valve assembly  
 YES  NO
- X10.1.5 Case drain and load sense signal ports of the SAE O-ring type  YES  NO  
 Case drain line taken directly to tank without passing through the return line filter  
 YES  NO
- X10.1.6 Input shaft has a minimum continuous torque rating equal to 200 % of the imposed load when pump is operated at maximum engine rpm, maximum displacement and system pressure  
 YES  NO  
 Is it minimum SAE "C" keyed  YES  NO
- X10.1.7 Front input shaft bearing heavy duty ball or roller type designed for high axial and radial loading  
 YES  NO  
 Rear shaft bearing of the high speed and load sleeve type design  YES  NO  
 Bearings fully lubricated by flooded case oil  YES  NO
- X10.1.8 Ramp/swashplate supported by pressure lubricated bearings of the rocker cam or saddle type for high piston load support  
 YES  NO  
 Ramp angle positioning by means of dual servo control cylinders for rapid pump response and precise pump output control  
 YES  NO
- X10.1.9 Adjustable load sense and high pressure compensator control valve assembly of the full cartridge or of bolt on housing design for ease of replacement and repair  YES  NO

X10.1.9.1 System design and components provide flow, pressure and performance requirements 76 with a maximum operating load sense differential pressure of 300 PSI and a maximum standby pressure of 350 PSI for maximum efficiency.

If pilot control shifted valving is used, is it designed to be fully functional within this pressure range  X  YES   NO

X10.1.9.2 High pressure compensator valve preset to limit the maximum pump output pressure to maximum required operating pressure plus load sense differential and margin pressure to prevent premature de-stroking of ramp resulting in reduced or insufficient pump output  X  YES   NO

X10.1.10 Pump Output: Is it capable of providing hoist cylinder extension required  X  YES   NO

Part number MAILHOT MODEL CS 135-6-3 - 15.5 gallons to fully extend but after filling 11 gallons is required to raise the cylinder:

10 GPM flow rate	<u>66</u>	seconds to raise
15 GPM flow rate	<u>44</u>	seconds to raise
20 GPM flow rate	<u>33</u>	seconds to raise
25 GPM flow rate	<u>26</u>	seconds to raise
30 GPM flow rate	<u>22</u>	seconds to raise
35 GPM flow rate	<u>19</u>	seconds to raise
40 GPM flow rate	<u>16</u>	seconds to raise

Part number MAILHOT MODEL CS 135-6-3 - 10.2 gallons to fully extend 1.2 gallons to fill and 9 gallons to extend

5 GPM flow rate	<u>87</u>	seconds to raise
10 GPM flow rate	<u>44</u>	seconds to raise
15 GPM flow rate	<u>29</u>	seconds to raise
20 GPM flow rate	<u>22</u>	seconds to raise
25 GPM flow rate	<u>17</u>	seconds to raise
30 GPM flow rate	<u>15</u>	seconds to raise
40 GPM flow rate	<u>11</u>	seconds to raise

X10.1.11 Is the make and model bid in compliance with overall quality of construction, design, and performance of the pump supplied  X  YES   NO

X10.1.12 Pump: Manufacturer and Model: REXROTH A10V071 SERIES 31

X10.1.13 Is pump manufacturers standard product release and design  X  YES   NO

X10.1.14 Is pump driveline assembly of the keyed shaft design utilizing a 4 bolt driveshaft flange and matching drive yoke on the pump  X  YES   NO

X10.1.14.1 Does driveline have a minimum continuous torque rating equal to 200% of the imposed load when pump is operating at maximum system requirements  YES  NO

Manufacturer and Model: SPICER 1310 SERIES

X10.1.14.2 Are dual journals and yokes incorporated to connect the pump shaft and engine drive flange with an angular misalignment no greater than six (6) degrees and not less than two (2) degrees  YES  NO

X10.2 Pump Shutdown System:

X10.2.1 Normally closed, energize to open, solenoid operated control valve of the cartridge and manifold design to be directly bolted to pump pressure port  YES  NO

Is solenoid electrical connection of the Packard "Weatherpack" type with "SO" cable wiring  YES  NO

X10.2.2 Is valve controlled by a console mounted "Master On" switch with pilot lamp for normal system operation and by a float switch located in hydraulic reservoir to automatically shut off pump pressure port flow to all down stream functions in the event of low hydraulic oil level  YES  NO

X10.2.3 Pressure drop across valve 40 PSI at 40 GPM flow when in the switched open position

Nominal valve rating 50 GPM at 3500 PSI

X10.2.4 SAE #6 gauge port equipped with Parker Hannifin Model PD361 diagnostic coupling nipple and protective cap provided for pump output pressure testing to be installed in valve manifold and within an easily accessible mounting position  YES  NO

X10.2.5 Valve designed to protect the pump from damage when the system is shut down at high pressure and flow operation  YES  NO

X10.2.6 Valve manufacturer and model: COMPONENT TECHNOLOGY

X10.2.7 Central control console mounted audio alarm and warning lamp indicating pump pressure/flow shutdown  YES  NO

X10.2.8 Warning lamp press-to-test light and incorporate a switching system into the automatic shutdown assembly to simulate low oil level, shut off pump output flow and test float switch wiring and connection  YES  NO

X10.2.9 A console mounted electrical override function switch provided to allow momentary operation of hydraulic functions in emergency situations  YES  NO

X10.3 Directional Control Valve Assembly:

X10.3.1 Valve stacked section type and of closed center circuit design  YES  NO

- X10.3.2. Each work section pressure and flow compensated with fully integrated load sense network **78**  
 YES  NO
- Flow output is relative to spool travel with preset maximum flow rate obtained at maximum spool stroke providing feathering control of operated function  YES  NO
- X10.3.3 Dump body, snowplow lift, and snowplow power angle sections of the manual cable shift type  
 YES  NO
- Auxiliary circuit section of the electric solenoid shift type  YES  NO
- Both ends of each section valve spool sealed with weather resistant caps or cable entry bonnets  
 YES  NO
- X10.3.4 Valve assembly flow capacity rating and pressure drop characteristics sufficient to provide for the required pump output and circuit flow rates at the specified maximum load sense differential pressure settings  
 YES  NO
- X10.3.5 All valve ports of the SAE o-ring seal type and of sufficient size to handle required section flow rates at stated load sense differential pressure  
 YES  NO
- X10.3.6 A priority section installed to allow plow to raise in a system over demand situation  
 YES  NO
- X10.3.7 Main pressure inlet relief valve provided to reduce system pressure shock loads  
 YES  NO
- Is it preset at pressure so as not to interfere with pump pressure compensator and to prevent premature relief opening at system high demand operation  YES  NO
- X10.3.8 If pilot pressure reducing valve is required for solenoid section control, design meets operating requirements as set forth in Section 10.1.9.1  
 YES  NO
- Pilot supply and tank venting internal within the valve assembly section  YES  NO
- X10.3.9 Load sense network high pressure relief provided and preset to limit system maximum operating pressure  
 YES  NO
- Set point provides proper pressure margin to pump pressure compensator and high pressure relief valve as to prevent premature loss of required flow rates and pressure capability  
 YES  NO
- X10.3.10 SAE #6 gauge 0port equipped with Parker Hannifin PD361 diagnostic coupling nipple with protective cap for load sense testing to be installed in an easily accessible location  
 YES  NO
- X10.3.11 Dump body control section 3-way three (3) position spring centered cylinder spool for operation of a single acting hoist cylinder  
 YES  NO

- X10.3.11.1 Full flow workport relief valve installed in power up port  YES  NO 79  
 Set point to prevent operating pressure from exceeding hoist cylinder normal operating pressure rating  YES  NO
- X10.3.11.2 Adjustable flow control installed to limit downward speed rate of dump body  YES  NO
- X10.3.12 Snowplow lift control section is 3-way three (3) position spring centered cylinder spool with float detent for operation of a single acting lift cylinder  YES  NO
- X10.3.12.1 Full flow workport relief valve preset at maximum required unlock pressure installed in power down workport.  YES  NO  
 Workport relief valve installed in power up workport if maximum system pressure output setting exceeds normal operating pressure limit of plow lift cylinder  YES  NO  
 Is a three (3) way valve provided for plow hoist circuit  YES  NO
- X10.3.12.2 Adjustable flow control installed to limit downward speed of snowplow  YES  NO  
 Flow limiting control system preset for proper plow lift speed to be supplied to reduce over demand operation and to increase system efficiency  YES  NO  
 Will flow limit be determined at time of pilot model review  YES  NO
- X10.3.13 Snowplow power angle control section is 4 way three (3) position spring centered motor spool for operation of worm gear driven type reversing system  YES  NO
- X10.3.13.1 Flow limiting control system preset for proper plow reversing speed to be supplied to reduce over demand operation and to increase system efficiency  YES  NO  
 Will flow limit be determined at time of pilot model review  YES  NO
- X10.3.14 Plow Balance Valve:
  - X10.3.14.1 Is hydraulic system supplied with a plow balance valve  YES  NO
  - X10.3.14.2 Is valve designed to offset a specific (adjustable) plow weight when activated  YES  NO
  - X10.3.14.3 Does plow balance system not alter the operation of any other hydraulic function or have an adverse effect on the performance of other hydraulically operated equipment including:
    - Wing Plow  YES  NO
    - Body Hoist  YES  NO
    - Plow Hoist or Angle  YES  NO
    - Spreader functions  YES  NO

Are all normal operations of the plow lift/lower functions maintained without additional tasks  YES  NO

X10.3.14.4 Will plow lift be immediate to guarantee safe operation of the vehicle  YES  NO

X10.3.14.5 Are solenoid valve coils used  YES  NO  
Will they have manual override capabilities  YES  NO

X10.3.14.6 Does manifold valve include a pressure test point for use when checking balance pressures  YES  NO

X10.3.14.7 Is pressure test point capable of tapping into system at pressures of 5,000 PSI  YES  NO

X10.3.15 Auxiliary equipment drive circuit control section 3-way three (3) position spring centered solenoid operated motor spool  YES  NO

Is the circuit separate and distinct from the spreader control system  YES  NO

X10.3.15.1 Flow limiting control system preset to provide 22 GPM at a system load pressure of 2200 PSI. Pump is capable of supplying this flow rate with engine speed of 1173.67 RPM

X10.3.15.2 Is an inline mounted control valve supplied for this operation in place of directional control valve section  YES  NO

If supplied, is proper interconnections and venting of load sense network system provided  YES  NO

X10.3.15.3 Is pressure line 3/4" SAE 100R2 hose and manifold mounted at rear of chassis and equipped with Parker Hannifin SH6-62 quick disconnect coupler and protective metal plug  YES  NO

Is mating nipple SH6-63 with protective cap supplied  YES  NO

Will mounting location be determined at time of pilot model review  YES  NO

X10.3.15.4 Manufacturer and model of directional and auxiliary circuit valves:

REXROTH MP-18 SERIES

X10.3.16 Is directional control valve assembly located in a combination tank/valve enclosure assembly to protect the hydraulic tank/valve from the elements  YES  NO

Capacity of reservoir (tank) 40 gallon

X10.3.17 Pre-Wet Circuit:

X10.3.17.1 Is a separate circuit provided to control an add-on pre-wet system  YES  NO

X10.3.17.2 Is hydraulic valve of the sectional type  YES  NO OR of the cartridge style contained in a manifold  YES  NO

X10.3.17.3 If manifold type valve is supplied, is it attached to the main valve assembly  YES  NO

X10.3.17.4 Is all wiring to pre-wet hydraulic circuit provided as part of the system contained in the bid  YES  NO

X10.3.17.5 Is wiring to the control console related to the rest of the pre-wet system (low level float, flow meter connection, etc.) provided as part of the pre-wet package at the time of pre-wet system install  YES  NO

X10.4 Spreader Control Valve Assembly:

X10.4.1 Are spinner and conveyor solenoid flow controls of the PWM proportional solenoid type and equipped with manual overrides  YES  NO

Are overrides manually adjustable over operating flow range in the event of electrical system failure  YES  NO

X10.4.2 Flow control circuits are pressure compensated  YES  NO

Provides spinner and pre-wet flow rate of 7 GPM and a conveyor flow rate of 15 GPM

Pressure relief valve system limit circuits to 2200 PSI

X10.4.3 Load sense circuits connected to directional control valve network for proper pump control  YES  NO

Does design prevent improper high pressure load sense signal and pressure line loading when spreader valve is not in use and when spreader quick disconnects are uncoupled  YES  NO

X10.4.4 Is PWM solenoid control supplied by microprocessor spreader control system  YES  NO

Are solenoids capable of 100% PWM signal without failure  YES  NO

X10.4.5 Solenoid operated directional control valve and in-cab mounted electrical switch operates spreader conveyor reverse required for front or rear material discharge selection provided  YES  NO

X10.4.6 Is electrical switching and indicator light for spreader clogged indication provided  YES  NO

X10.4.7 Manufacturer and model of valve: REXROTH MP18 SERIES



**X10.5 Spreader Control System:**

- X10.5.1 Dual flow, ground speed oriented spreader control system of the closed loop microprocessor based type with nonvolatile control memory  YES  NO
- X10.5.2 Automatic calibration and flexibility of programming  YES  NO
- X10.5.3 System is capable of operation in ground speed oriented closed loop conveyor feed back, open loop, manual set, blast and unload modes and fully functional in both front and rear material discharge selection  YES  NO
- X10.5.4 Automatic switchover with display indication from closed loop to open loop operation in the event of loss of feed rate sensor signal is provided  YES  NO
- X10.5.5 Control console digital readouts capable of displaying actual application rate, vehicle ground speed, distance of spread route driven and total quantity of material spread  YES  NO
- X10.5.6 Programming and output cable connection for material and trip information printer and program uploading is provided  YES  NO
- X10.5.7 Control unit capable of accumulating display information up to 999,999 miles and 999,999 tons of discharged material  YES  NO
- X10.5.8 Console programming capable of selection, calibration and display of four (4) separate spread materials with independent application rates of each material capable of being set to fixed rates or to rate increments of a preset maximum application rate  YES  NO
- X10.5.9 A variable digital access code lockout for application rate selection and for system operating parameters is provided  YES  NO
- Is it a key switch  YES  NO
- X10.5.10 Backlighted switches and LCD screen utilized for on-board programming and for display readout and application rate selection  YES  NO
- X10.5.11 Is material spread width selectable by no less than 10 position switch with minimum and maximum spinner speed totally programmable through entire flow range  YES  NO
- Is spinner speed capable of linking to ground speed for on-off control  YES  NO
- X10.5.12 Does display enunciate error message and sound audio alarm when microprocessor system detects any loss of control or accuracy  YES  NO
- X10.5.13 Will system be fully functional at time of delivery  YES  NO
- X10.5.14 Is truck speed sensor compatible with type of speedometer drive system supplied on chassis  YES  NO
- X10.5.15 Is a built-in ground speed simulator provided either internal to the control or located in the control console  YES  NO

- X10.5.16 Are all components required for proper installation and operation of control system onto truck and spreader units supplied  YES  NO
- X10.5.17 Manufacturer and model of proposed control system:  
COMPONENT TECHNOLOGY <sup>SG51</sup> SG53 W/ GL400 CONTROL
- X10.6 Central Control Console:
- X10.6.1 Mounted between seats within easy access of the driver  YES  NO
- X10.6.1.1 Warning light (bed raised) control console mounted  YES  NO
- X10.6.2 Will all wiring, valve control cables and electrical harness entry into cab and console sealed with grommets  YES  NO
- X10.6.3 Are remote control valve levers console mounted  YES  NO
- Are all levers clearly marked as to function and operation  YES  NO
- X10.6.3.1 Remote control levers to operate push-pull type cables with .250" diameter stainless steel rod ends  YES  NO
- X10.6.3.2 Is inner cable member 18-8 stainless steel armor wrapped construction with a low resistance nylon liner and polyethylene covered tempered steel wire conduit  YES  NO
- X10.6.3.3 Is cable to valve connection of the weather resistant bonneted type  YES  NO
- X10.6.3.4 Hoist control lever OSHA compliant (hoist interlock)  YES  NO
- X10.6.4 Are central console or dash mounted rocker switches with indicator lamps provided for strobe lights, spreader light and plow lights isolated from all hydraulic system control circuits  YES  NO
- X10.6.4.1 Are interconnections and cables installed and ready for operation  YES  NO
- X10.6.4.2 Is hydraulic system automatic shutdown system and control switching relay controlled  YES  NO
- X10.6.4.3 Relay(s) mounted within the cab  YES  NO
- X10.6.4.4 An access plate to internal wiring is provided  YES  NO
- X10.7 Hydraulic Reservoir:
- X10.7.1 Tank/valve enclosure flex mounted to the chassis frame rail  YES  NO
- X10.7.2 Tank constructed of 7 gauge 304 stainless steel  YES  NO
- X10.7.3 Tank equipped with a combination oil level sight glass and thermometer  YES  NO

- X10.7.4 Tank equipped with a pressurized ten (10) micron filter/breather cap with removable 500 micron Strainer  YES  NO
- X10.7.5 Is an internal steel baffle provided within the tank  YES  NO
- X10.7.6 Tank stenciled with minimum of 1 1/2" high "Hydraulic Oil"  YES  NO
- X10.7.7 Tank level switch connection "SO" type wiring and flange mounted within the tank/valve enclosure to protect it from the elements  YES  NO
- X10.7.8 Pump supply suction port 2 inches NPT and system return port 1.25 inches NPT
- X10.8 Filtration:
- X10.8.1 Manufacturers standard filtration to adequately protect the hydraulic system from damage  YES  NO
- X10.8.2 Return line filter isolated from reservoir by a full flow non-restrictive type quarter turn brass ball valve if filter not installed in reservoir  YES  NO
- X10.8.3 Each filter equipped with a differential pressure switch to indicate filter clogged condition by means of a console mounted indicator lamp  YES  NO
- X10.8.4 One (1) extra replacement filter for each assembly is provided for each truck  YES  NO
- X10.8.5 Filter assemblies positioned as close to reservoir as possible and in an easily accessible service location  YES  NO
- X10.9 Hoses and Fittings:
- X10.9.1 Each hose assembly (hose with hose ends) except for suction hose is fitted with JIC swivel connections on ends where connection to system component is made  YES  NO
- X10.9.2 All pressure line hoses meet or exceed SAE Specification 100R2 and are equal to Gates high pressure hose, type C2AT for sizes up to and including 1 inch ID  YES  NO
- X10.9.3 Suction hose 2 inch nominal ID and meet SAE Specification 100R4, braided fiber, spiral wire reinforced, rubber covered hose with replaceable bolt-on type fittings  YES  NO
- X10.9.4 All hydraulic hoses fully cleaned on interior, installed, and ready for operation  YES  NO
- X10.9.5 Are grommets used when routing hoses through steel bracketing or frame members  YES  NO
- X10.9.6 Are Snap-Tite quick disconnects (manifold mounted) supplied for forward and rear spinner 1/2 inch pressure and return lines  YES  NO
- Is iron or galvanized iron pipe for fittings and connectors used  YES  NO
- X10.9.7 Are all fittings and connectors steel type designed for high pressure hydraulic system use  YES  NO

- X10.9.8 Pipe thread ported components and connectors are only used when the specific component is not available with SAE or JIC porting  YES  NO
- X10.9.9 Are all pipe thread connectors used coated with liquid Teflon pipe sealer prior to assembly  YES  NO
- X10.9.10 Hoses that run to the front of truck chassis for snowplow functions are manifold mounted behind the front bumper with sufficient access for pump service and snowplow hitch installation  YES  NO
- X10.9.11 Are snowplow lines equipped with complete 1/2 inch "VH" series Snap-tite quick disconnects (coupler and nipple supplied) and metal caps and plugs  YES  NO
- X10.10 Items not specifically stated but are necessary for proper system installation and operation are supplied and comply with recommended hydraulic industry standards:

- X10.11 Will initial servicing and pre-testing of hydraulic system be included for:
  - X10.11.1 Initial fill of reservoir with a high grade 32 AW hydraulic fluid to approximately 40 gallon level, marked on sight glass  YES  NO
  - X10.11.2 Start-up and initial run of hydraulic system, checking for leaks, excessive heat, system efficiency  YES  NO
    - Will you replace any defective component  YES  NO
    - Will you cover any defects discovered at time of plow installation if equipment is not available at time of initial test of plow circuits  YES  NO
  - X10.11.3 Refill reservoir to the 40 gallon operating level  YES  NO
- X10.12 If any hydraulic lines are located within 10 inches of exhaust system are they metal lines and insulated  YES  NO
- X10.13 Are detailed component specifications, product literature, system component layout drawing with bill of materials and full functional hydraulic system schematics in accordance with JIC and ANSI-Y32 format attached with your bid  YES  NO
- X10.14 If successful vendor, will you provide WVDOH with a complete list of all filters required for normal maintenance on proposed unit  YES  NO
- X10.15 Explain your training sessions with each purchase order covering the operation, maintenance, trouble shooting and calibration/programming of the hydraulic system and spreader controls and where will they be held:  
THREE ONE DAY TRAINING SESSIONS PER P.O.

AGREEMENT ADDENDUM

In the event of conflict between this addendum and the agreement, this addendum shall control:

1. ARBITRATION - Any references to arbitration contained in the agreement are hereby deleted. Disputes arising out of the agreement shall be presented to the West Virginia Court of Claims.
2. HOLD HARMLESS - Any clause requiring the Agency to indemnify or hold harmless any party is hereby deleted in its entirety.
3. GOVERNING LAW - The agreement shall be governed by the laws of the State of West Virginia. This provision replaces any references to any other State's governing law.
4. TAXES - Provisions in the agreement requiring the Agency to pay taxes are deleted. As a State entity, the Agency is exempt from Federal, State, and local taxes and will not pay taxes for any Vendor including individuals, nor will the Agency file any tax returns or reports on behalf of Vendor or any other party.
5. PAYMENT - Any references to prepayment are deleted. Payment will be in arrears.
6. INTEREST - Should the agreement include a provision for interest on late payments, the Agency agrees to pay the maximum legal rate under West Virginia law. All other references to interest or late charges are deleted.
7. RECOUPMENT - Any language in the agreement waiving the Agency's right to set-off, counterclaim, recoupment, or other defense is hereby deleted.
8. FISCAL YEAR FUNDING - Service performed under the agreement may be continued in succeeding fiscal years for the term of the agreement, contingent upon funds being appropriated by the Legislature or otherwise being available for this service. In the event funds are not appropriated or otherwise available for this service, the agreement shall terminate without penalty on June 30. After that date, the agreement becomes of no effect and is null and void. However, the Agency agrees to use its best efforts to have the amounts contemplated under the agreement included in its budget. Non-appropriation or non-funding shall not be considered an event of default.
9. STATUTE OF LIMITATION - Any clauses limiting the time in which the Agency may bring suit against the Vendor, lessor, individual, or any other party are deleted.
10. SIMILAR SERVICES - Any provisions limiting the Agency's right to obtain similar services or equipment in the event of default or non-funding during the term of the agreement are hereby deleted.
11. ATTORNEY FEES - The Agency recognizes an obligation to pay attorney's fees or costs only when assessed by a court of competent jurisdiction. Any other provision is invalid and considered null and void.
12. ASSIGNMENT - Notwithstanding any clause to the contrary, the Agency reserves the right to assign the agreement to another State of West Virginia agency, board or commission upon thirty (30) days written notice to the Vendor and Vendor shall obtain the written consent of Agency prior to assigning the agreement.
13. LIMITATION OF LIABILITY - The Agency, as a State entity, cannot agree to assume the potential liability of a Vendor. Accordingly, any provision limiting the Vendor's liability for direct damages or limiting the Vendor's liability under a warranty to a certain dollar amount or to the amount of the agreement is hereby deleted. In addition, any limitation is null and void to the extent that it precludes any action for injury to persons or for damages to personal property.
14. RIGHT TO TERMINATE - Agency shall have the right to terminate the agreement upon thirty (30) days written notice to Vendor.
15. TERMINATION CHARGES - Any provision requiring the Agency to pay a fixed amount or liquidated damages upon termination of the agreement is hereby deleted. The Agency may only agree to reimburse a Vendor for actual costs incurred or losses sustained during the current fiscal year due to wrongful termination by the Agency prior to the end of any current agreement term.
16. RENEWAL - Any reference to automatic renewal is hereby deleted. The agreement may be renewed only upon mutual written agreement of the parties.
17. INSURANCE - Any provision requiring the Agency to insure equipment or property of any kind and name the Vendor as beneficiary or as an additional insured is hereby deleted.
18. RIGHT TO NOTICE - Any provision for repossession of equipment without notice is hereby deleted. However, the Agency does recognize a right of repossession with notice.
19. ACCELERATION - Any reference to acceleration of payments in the event of default or non-funding is hereby deleted.
20. AMENDMENTS - All amendments, modifications, alterations or changes to the agreement shall be in writing and signed by both parties. No amendment, modification, alteration or change may be made to this addendum without the express written approval of the Purchasing Division and the Attorney General.

ACCEPTED BY:  
STATE OF WEST VIRGINIA

VENDOR

Spending Unit: \_\_\_\_\_

Company Name: Mountain International Trucks, Inc.

Signed: \_\_\_\_\_

Signed:  \_\_\_\_\_

Title: \_\_\_\_\_

Title: VP \_\_\_\_\_

Date: \_\_\_\_\_

Date: 10-17-07 \_\_\_\_\_

ADDENDUM #2  
707EC021

OPEN END CONTRACT

64,000 GVW CAB AND CHASSIS, STAINLESS STEEL DUMP BODY, AND  
PISTON PUMP HYDRAULIC SYSTEM

CHANGES TO BIDDER'S EVALUATION REPORT:

FROM:

X4.2.2 Delivery date of balance of completed units: \_\_\_\_\_ calendar days after date of purchase agreement

TO:

X4.2.1 Guaranteed delivery of balance of completed units in the following quantities:

- 1-25            240 calendar days after receipt of purchase agreement by successful vendor
- 26-50        +90 calendar days after receipt of purchase agreement by successful vendor
- 51 and over +120 calendar days after receipt of purchase agreement by successful vendor

FROM:

X4.2.2 Delivery date of completed representative unit \_\_\_\_\_ calendars after date of purchase agreement

TO:

X4.2.2 Delivery date of completed pilot model 150 calendar days after receipt of purchase agreement by successful vendor

FROM:

X5.1 Prices for quantities of 1-25 \_\_\_\_\_ per unit  
 26-50 \_\_\_\_\_ per unit  
 51 and over \_\_\_\_\_ per unit

TO:

X5.1 Prices for quantities of complete unit including minimum 2 year <sup>Basic Warranty</sup> bumper to bumper parts ~~XXXXXX~~ and labor warranty: <sub>Exception</sub>

1-25 \$143,301.09 per unit  
 26-50 \$143,301.09 per unit  
 51 and over \$143,301.09 per unit

If a 3 year bumper to bumper basic parts and labor warranty excluding normal wear items and misuse available, please state price N/A per unit

ADD AS 4<sup>th</sup> PARAGRAPH:

X6.5 WARRANTY AND SERVICE POLICY

Exception: Will a minimum 2 year bumper to bumper basic parts and labor warranty excluding normal wear items and misuse be provided        YES xxx NO  
 International Truck and Engine Corporation offers NO "Bumper to Bumper" warranties as described  
 Is a 3 year bumper to bumper parts and labor warranty excluding normal wear items and misuse available        YES xxx NO

Describe: \_\_\_\_\_  
 \_\_\_\_\_

NO CHANGE

X8.3 Wheelbase: 201" inches set forward design for snowplow application for various plows xxx YES        NO

NO CHANGE

X8.7.3 Is clutch dual plate ceramic clutch

xxxx YES \_\_\_ NO

Size:  $15\frac{1}{2}$ " inch

Kwik adjust (manual feature)

xxx YES \_\_\_ NO

Manufacturer and model: Eaton EP1552 with 7 spring damper xxx YES \_\_\_ NO

NO CHANGE

X8.8.6 Radiator and heater hose manufacturer: Modene /International Silicone

NO CHANGE

X8.10.6.1 Truck vendor will provide 8 feet of wiring bundled at the end of the frame for body vendor hook up of tail lights and etc. in the dump bed body

xxx YES \_\_\_ NO

FROM:

X8.18.3.1

Front Wheels: Size \_\_\_\_\_

10 hole 285.75 mm bolt circle with 220mm bore, tubeless steel disc \_\_\_ YES \_\_\_ NO

Rated at \_\_\_\_\_ lbs. at a maximum inflation pressure of \_\_\_\_\_ PSIG

Manufacturer and Model: \_\_\_\_\_

With 0.500 inch thick disc, non standard off set with steel hubs \_\_\_ YES \_\_\_ NO

Powder coated with color similar to gray \_\_\_ YES \_\_\_ NO

TO:

X8.18.3.1

Front Wheels: Size 22.5x9.00DC Hub Pilot

10 hole 285.75 mm bolt circle with 220mm bore, tubeless steel disc

xxx YES \_\_\_ NO

Rated at 10,000 lbs. at a maximum inflation pressure of 130 PSIGManufacturer and model: Accurdie 29039

With 0.500 inch thick disc, non standard off set with steel hubs

xxxx YES \_\_\_ NO

Powder coated xxxx YES \_\_\_ NO Gray top coat xxx YES \_\_\_ NO



FROM:

X8.18.4.1

Rear Wheels: Size 22.5x8.25DC  
10 hole 285.75 mm bolt circle with 220mm bore, tubeless steel disc xx YES \_\_\_ NO  
Rated at 7500 lbs. at a maximum inflation pressure of 120 PSIG  
Manufacturer and Model: Accuride 29169  
With 0.500 inch thick disc, non standard off set with steel hubs x YES \_\_\_ NO  
Powder coated with color similar to gray x YES \_\_\_ NO

TO:

X8.18.4.1

Rear Wheels: Size 22.5x8.25DC  
10 hole 285.75 mm bolt circle with 220mm bore, tubeless steel disc  
x YES \_\_\_ NO  
Rated at 7500 lbs. at a maximum inflation pressure of 120 PSIG  
Manufacturer and model: Accuride 29169  
With 0.472 inch thick disc xxx YES \_\_\_ NO  
Powder coated xxx YES \_\_\_ NO Gray top coat xxx YES \_\_\_ NO

FROM:

X8.25.1

Will a preventive maintenance and operator's training seminar be provided  
\_\_\_ YES \_\_\_ NO

TO:

X8.25.1

Will a preventive maintenance and operator's training seminar be provided  
xx YES \_\_\_ NO  
Manual and CD's depending on type-service or parts  
Manuals xxxx (OR) CD \_\_\_  
These to be provided as part of training

FROM:

X10.3.12

Snowplow lift control section is 3 way three (3) position spring centered cylinder  
spool with float detent for operation of a single acting lift cylinder \_\_\_ YES \_\_\_ NO

TO:

X10.3.12

Snowplow lift control section is 4 way three (3) position spring centered cylinder  
spool with float detent for operation of a single acting lift cylinder  
x YES \_\_\_ NO

FROM:

X10.3.14.5 Are solenoid valve coils used \_\_\_ YES \_\_\_ NO  
Will they have manual override capabilities \_\_\_ YES \_\_\_ NO

TO:

X10.3.14.5 Are solenoid valve coils used                     YES                    NO

Will they have manual override capabilities if needed for continued use when  
coils fail                     YES                    NO



## MOUNTAIN INTERNATIONAL TRUCKS, INC.

P.O. BOX 7771, CHARLESTON, WV 25356

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cwhitlow@mountaininternational.com

RFQ 707EC021

### Exceptions:

X6.5 - Warranty; as expressed in the pre-bid, Internatinonal Truck and Engine Corporation does not offer or recognize any warranty that is 100% Parts and Labor termed "Bumper to Bumper." This also applies to the Cummins Engine Company with their product. The revision of the wording as 4th paragraph to read "...excluding normal wear items and misuse available...." is already part of the standard warranty on our products. This, however, does not make the warranty bumper to bumper in any means. As previously stated, this is an "automotive" term not used in commercial trucks.

### X8.3.2 - BBC

The F7600 SFA 6x4 WorkStar product line is a BBC of 107" for vocational use. We offer no 111 inch minimum.

### X8.6.1.3.1 - Primer Pump

Cummins Engine does not offer this option on ISM/ISX product

### X8.10.7.4 - Module Box

Not located rear under cab; on battery box - back of cab

### X8.10.1 - ....manufacturers radio interference suppression....

International Truck and Engine Corporation products offer no such nomenclature

### 8.13.1 - Rear Axle

Rockwell RT46-160P replaced by Meritor RT46-164P with driver controlled differential in front and rear differential

**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.

**OBTAINING SERVICE**

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

**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, and the limitations and exclusions. 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 \_\_\_\_\_ City \_\_\_\_\_ State/Prov \_\_\_\_\_ Postal Code \_\_\_\_\_

Truck Model \_\_\_\_\_ Vehicle Identification Number \_\_\_\_\_

Engine Number \_\_\_\_\_ Engine Serial Number \_\_\_\_\_

Date Delivered to User (DTTU) \_\_\_\_\_ Odometer Reading at Delivery \_\_\_\_\_

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

PRINTED IN U.S.A.

01/2007

**Diamond EBS® Support Coverage**

**INTERNATIONAL**

CTS - 2005G

Effective with vehicles built 11/01/02 or later

**LIMITED WARRANTY FOR SEVERE SERVICE  
DIAMOND SPEC™ VEHICLES  
5000i, 7500, 7600, 7700, WorkStar**

**VEHICLE LIMITED COVERAGE**

International\*, at its option, will repair or replace any part of this vehicle which proves defective in material and/or workmanship in normal use and service, with new or ReNewed® parts, for the first 12 months from new vehicle delivery date, regardless of distance traveled. Exceptions are listed below under *What Is Not Covered*.

This warranty is automatically transferred to subsequent owners at no charge except provisions relating to Diamond Emergency Breakdown Service (EBS), as described in the Coverage Period, 1, which is valid for the first customer only.

**ADDITIONAL COMPONENT COVERAGE**

The components described below are given additional warranty coverage of variable time periods and distance traveled limitations, as shown in the Warranty Coverage Schedule and identified in attached Addendum 1.

1. Frame Side Rails
2. Cab/Cowl Structure (on-highway applications).
3. The Cab/Cowl is warranted against perforation due to corrosion, except for perforation caused by industrial chemicals and/or corrosion caused by use in a corrosive environment.
4. International\* Diesel Engines including: block, cylinder heads, fuel pump, high pressure pump, turbocharger, internally lubricated components, and water pump; electronic modules, relays, sensors and regulators required for electronic engine operation. **Injectors/nozzles are covered for 24 months/150,000 miles (240,000 Km).** Excluded are attaching accessories (e.g., fan clutch, alternator, starter, etc.), thermostats, and externally mounted electrical and filtration systems.
5. Main Transmission (except Allison), Auxiliary Transmission, and Transfer Case Assemblies.
6. Rear Axles, Differential(s), and Housing(s). Excluded are brakes, wheel ends, axle shafts, controls & attachments.
7. Front Axle Assembly, including I-beam, king pins, bushings, and spindles. Excluded are brakes and wheel ends.
8. Major Drivetrain Components- on-highway applications (Refer to Supplier information).
9. Diamond Emergency Breakdown Service (Diamond EBS®) Assistance for original owner.



Attn: Chuck Whitlow

Custom Service Contract Proposal

002732156  
MOUNTAIN INTL TRKS INC  
CROSS LANES INT 64  
CHARLESTON, WV 25313  
Attn: Chuck Whitlow

Date: 10/10/2007

Quote Number: 12

Phone: 304-776-5600

Fax: 304-776-4184

Customer: WVDOT

Location: USA

Vehicle Model: 7600 SFA 6X4

Quantity Quoted: 25

Miles/Year: 35,000

Type of Roads: PAVED

Vocation (How Used): Dump/Snow Plow

GVW/GCW: 64,000

Engine: 0012CZW

Trans: 0013GHW

R/A: 0014HRE

F/A: 0002ARZ

Susp: 0014UHK

Other relevant warranty information: Price is based on 12mth Standard Warranty.

**Length of contract:**

( ) 24 Months / 100,000 Miles / 3,600 Hours from DTU Date

Coverage desired: Vehicle Service Contract Coverage, less Engine, 100% P&L.

Prepared by: Rebecca A. Ake (Rebecca A. Ake)

Date: 10/11/2007

This proposal is valid for 60 days after delivery to user. To obtain printed policies when you sell this coverage, fill in the blanks below and return a copy of the signed form to International Truck Reliability Center, P.O. 10088, Fort Wayne, Indiana 46850, Attn: Service Contracts, or FAX to 260-461-1976.

This information is required in order to receive policies.

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

Date: \_\_\_\_\_

Received Time Oct. 11. -2007- 7:52AM No. 8248

Quantity Sold: \_\_\_\_\_



Attn: Chuck Whitlow

**Custom Service Contract Proposal**

002732156  
MOUNTAIN INTL TRKS INC  
CROSS LANES INT 64  
CHARLESTON, WV 25313  
Attn: Chuck Whitlow

Date: 10/10/2007  
Quote Number: 13  
Phone: 304-776-5600  
Fax: 304-776-4184

Customer: WVDOT Location: USA

Vehicle Model: 7600 SFA 6X4 Quantity Quoted: 25

Miles/Year: 35,000 Type of Roads: PAVED

Vocation (How Used): Dump/Snow Plow

GVW/GCW: 64,000 Engine: 0012CZW

Trans: 0013GHW R/A: 0014HRE

F/A: 0002ARZ Susp: 0014UHK

Other relevant warranty information: Price is based on 12mth Standard Warranty.

**Length of contract:**

( ) 36 Months / 100,000 Miles / 3,600 Hours from DTU Date

Coverage desired: Front & Rear Axles, Suspension, Propshaft, Clutch 100% P&L for defects in workmanship or material only.

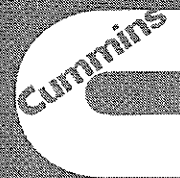
Prepared by: Rebecca A. Ake (Rebecca A. Ake) Date: 10/15/2007

This proposal is valid for 60 days after delivery to user. To obtain printed policies when you sell this coverage, fill in the blanks below and return a copy of the signed form to International Truck Reliability Center, P.O. 10088, Fort Wayne, Indiana 46850, Attn: Service Contracts, or FAX to 260-461-1976.

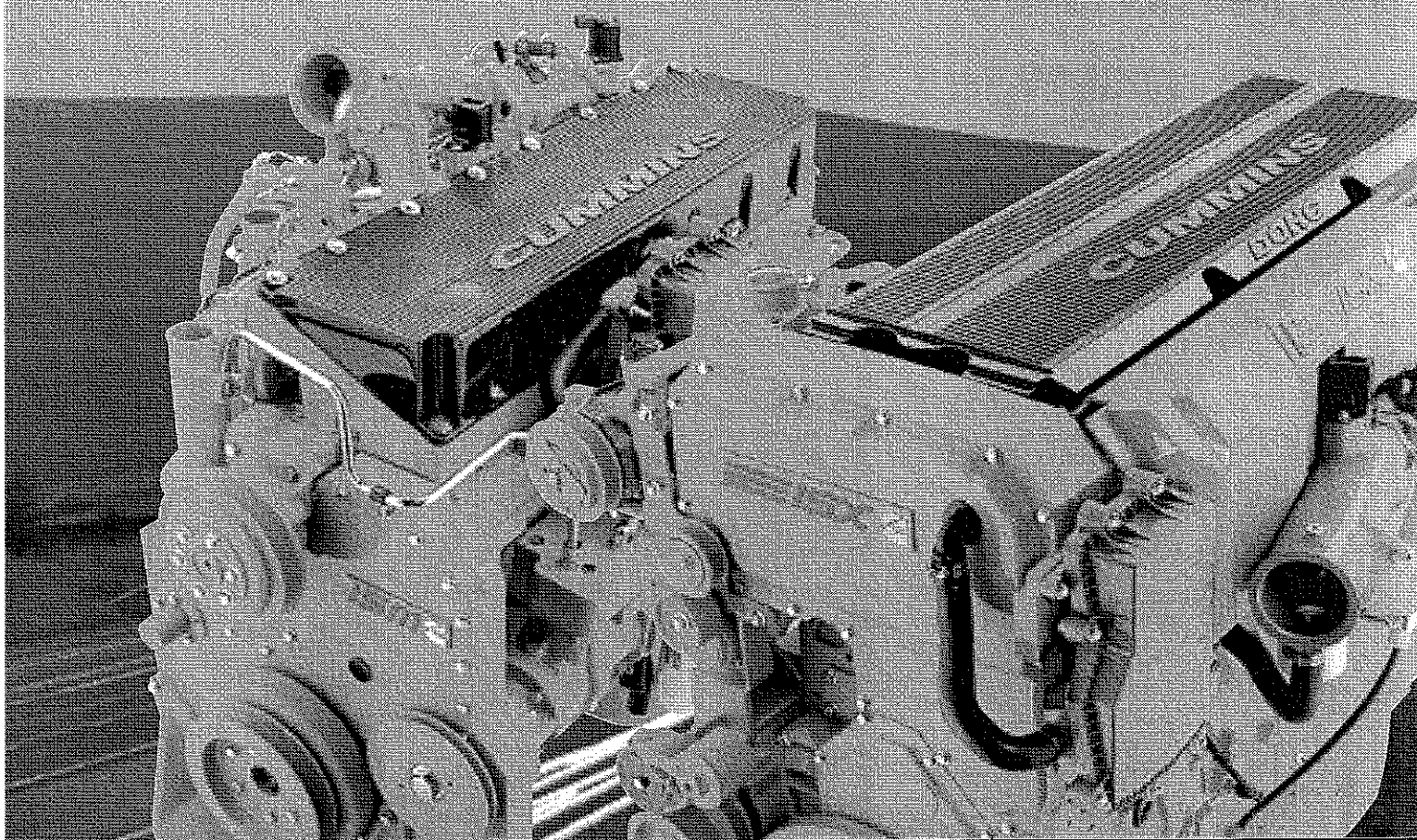
This information is required in order to receive policies.

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Quantity Sold: \_\_\_\_\_



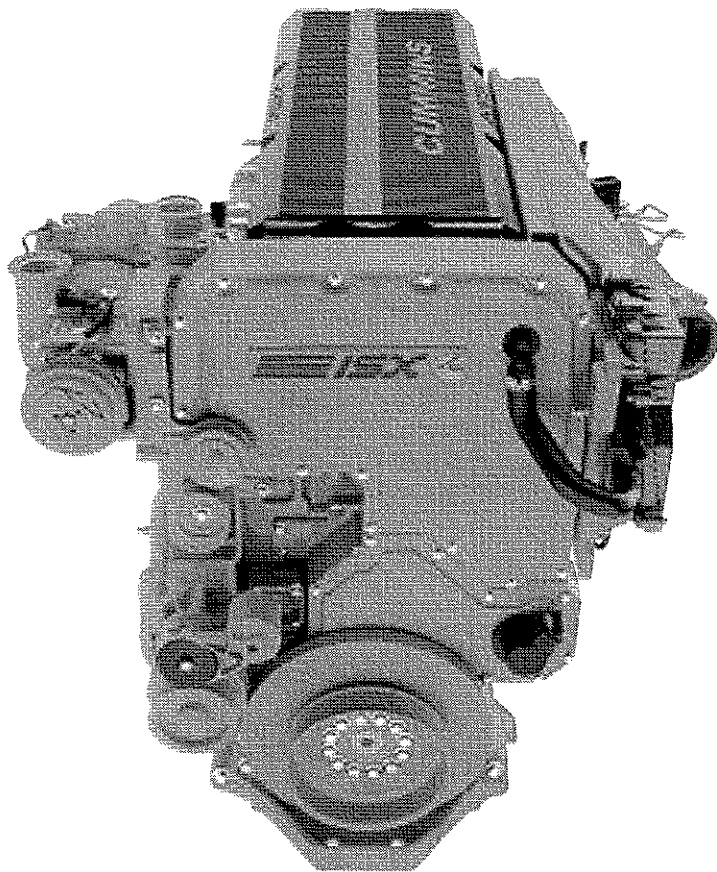
# EVERY COVERAGE.



**NORTH AMERICAN TRUCK COVERAGES  
FOR ISX AND ISM ENGINES**

## North American Heavy-Duty Truck Coverages.

Cummins has designed every component in our EPA '07 engines including the exhaust aftertreatment. The entire system is totally integrated and built using Six Sigma methods to deliver superior performance, durability and reliability. This gives us the confidence to provide comprehensive coverage to Cummins owners with a base warranty that covers virtually everything on every ISX EPA '07 and ISM EPA '07 engine built. For added protection, we also offer extended coverage plans to fit every application and budget.



### ISX And ISM Base Warranty.

Peace of mind begins with coverage for the first 2 years/250,000 miles (402,336 km) and major components coverage for up to 5 years/500,000 miles (804,672 km). This is the standard warranty which comes with your Cummins engine and includes the following at no additional cost:

#### 2-Year/250,000-Mile (402,336 km) Coverage

- 100% parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure or further operation would cause damage
- Consumables not reusable due to covered failure
- Fuel injectors and aftertreatment injector covered for 2 years or 125,000 miles (201,168 km), whichever comes first
- Cooled-EGR components, Variable Geometry Turbocharger and aftertreatment components
- Limited progressive damage including aftertreatment

#### 5-Year/500,000-Mile (804,672 km) Major Components Coverage

- 100% registered parts and labor on warrantable failures\*
- Limited progressive damage including aftertreatment
- Consumables not reusable due to covered failure
- Major castings and forgings

\*Warrantable failures are those due to defects in Cummins material or factory workmanship.



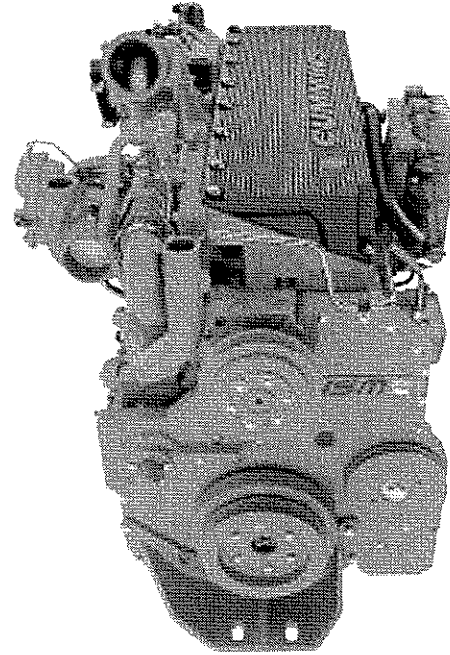
## ISX And ISM Extended Coverage Plans.

### Protection Plan 1 – New

Confidence is knowing you have secure protection with 3-year/300,000-mile (482,804 km) Comprehensive Protection to keep you on the road.

#### 3-Year/300,000-Mile (482,804 km) Comprehensive Protection

- Internal components and major engine systems covered, including turbocharger, water pump and fuel injectors\*
- 100% parts and labor on covered failures
- Covers all these components, including mounting hardware and gaskets:
  - Cylinder head assembly
  - Oil pan
  - Rocker lever assembly
  - Connecting rod assembly
  - ECM
  - Lube pump assembly
  - Pistons, rings and liners
  - Camshaft and bushings
  - Lube oil cooler assembly
  - Cam follower assemblies
  - Cylinder block assembly
  - EGR cooler, valve and mixer
  - Turbocharger
  - Water pump
  - Fuel injectors\*
- Limited progressive damage including aftertreatment



### Protection Plan 2

Use Cummins Protection Plan 2 to ensure coverage against major repair costs, everywhere your business takes you.

#### 4-Year/400,000-Mile (643,738 km) Protection

#### 4-Year/450,000-Mile (724,205 km) Protection

#### 4-Year/500,000-Mile (804,672 km) Protection

#### 5-Year/500,000-Mile (804,672 km) Protection

- Internal components and major engine systems covered
- 100% parts and labor on covered failures
- Covers all these components, including mounting hardware and gaskets:
  - Cylinder head assembly
  - Oil pan
  - Rocker lever assembly
  - Connecting rod assembly
  - ECM
  - Lube pump assembly
  - Pistons, rings and liners
  - Camshaft and bushings
  - Lube oil cooler assembly
  - Cam follower assemblies
  - Cylinder block assembly
  - EGR cooler, valve and mixer
- Limited progressive damage including aftertreatment

\*Does not include aftertreatment injector.

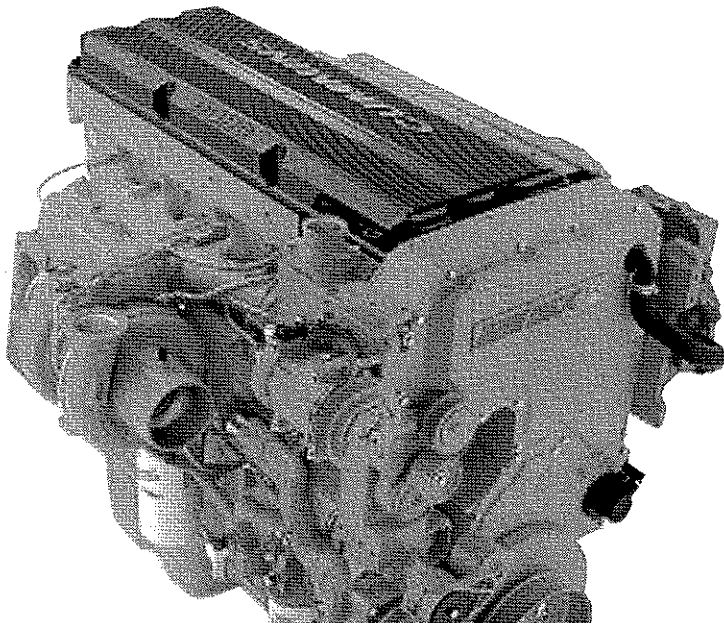
### Protection Plan 3

Stay safe with 5-year/500,000-mile (804,672 km) Protection with a \$250 deductible\* after the expiration of the base warranty.

#### 5-Year/500,000-Mile (804,672 km) Protection

- Internal components and major engine systems covered
- \$250 deductible\* after base warranty
- 100% parts and labor on covered failures
- Covers all these components, including mounting hardware and gaskets:
  - Cylinder head assembly
  - Oil pan
  - Rocker lever assembly
  - Connecting rod assembly
  - ECM
  - Lube pump assembly
  - Pistons, rings and liners
  - Camshaft and bushings
  - Lube oil cooler assembly
  - Cam follower assemblies
  - Cylinder block assembly
  - EGR cooler, valve and mixer
- Limited progressive damage including aftertreatment

\*\$250 deductible applies per service visit after expiration of base warranty.



## North American Vocational Truck Coverages.

Cummins V-rated engines deliver extra torque on the low end, to pull loaded dump trucks out of muddy gravel pits and refuse trucks out of steep landfills. They are designed to pull you through the most difficult working conditions. And because they've got a tough job, we give them extended coverage plans that are tough to beat. The following option is available on every ISX EPA '07 and ISM EPA '07 engine built.

### ISX And ISM Vocational Coverage Plans.

#### Vocational Plan 1

Use the 5-year/150,000-mile (241,402 km) Protection to ensure coverage against major repair costs, everywhere your business takes you.

#### 5-Year/150,000-Mile (241,402 km) Protection

- Internal components and major engine systems covered
- 100% parts and labor on covered failures
- Covers all these components, including mounting hardware and gaskets:
  - Cylinder head assembly
  - Oil pan
  - Rocker lever assembly
  - Connecting rod assembly
  - ECM
  - Lube pump assembly
  - Pistons, rings and liners
  - Camshaft and bushings
  - Lube oil cooler assembly
  - Cam follower assemblies
  - Cylinder block assembly
  - EGR cooler, valve and mixer
- Limited progressive damage including aftertreatment

# Extended Component Coverages.

## Major Components Coverage Plans.

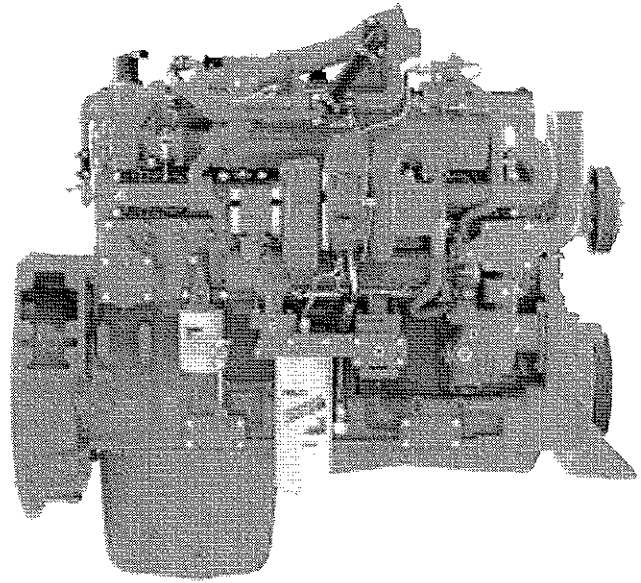
Avoid unexpected expenses on trucks you keep longer with Major Components Coverage.

### Major Components Plan 1 6-Year/600,000-Mile (965,607 km) Major Components Coverage

- 100% registered parts and labor on covered failures
- Limited progressive damage including aftertreatment
- Consumables not reusable due to covered failure
- Major castings and forgings

### Major Components Plan 2 7-Year/700,000-Mile (1,126,541 km) Major Components Coverage

- 100% registered parts and labor on covered failures
- Limited progressive damage including aftertreatment
- Consumables not reusable due to covered failure
- Major castings and forgings



## Pricing.

Contact your local Cummins distributor or OEM dealer for pricing details.

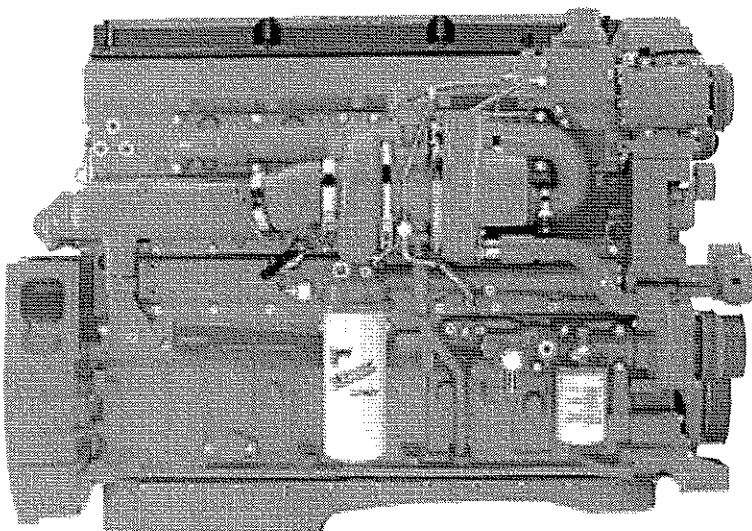
## Leave Every Detail To Us.

For complete coverage details, contact your local Cummins distributor or OEM dealer.

Ordering Cummins extended coverage is easy. Your dealer or local Cummins distributor can handle it for you when you buy your new ISX- or ISM-powered truck, or anytime during the first six months of ownership.

If you experience a service event during the coverage period, simply call us toll-free at 1-800-DIESELS (1-800-343-7357). We'll help you locate the nearest authorized Cummins service location. With 3,500 throughout the U.S. and Canada, there's usually one close by.

Simply show the servicing dealer/distributor your extended coverage certificate, and they will handle all the necessary paperwork and repairs to get you back on the road as quickly as possible.





Cummins Inc.  
Box 3005  
Columbus, IN 47202-3005  
U.S.A.

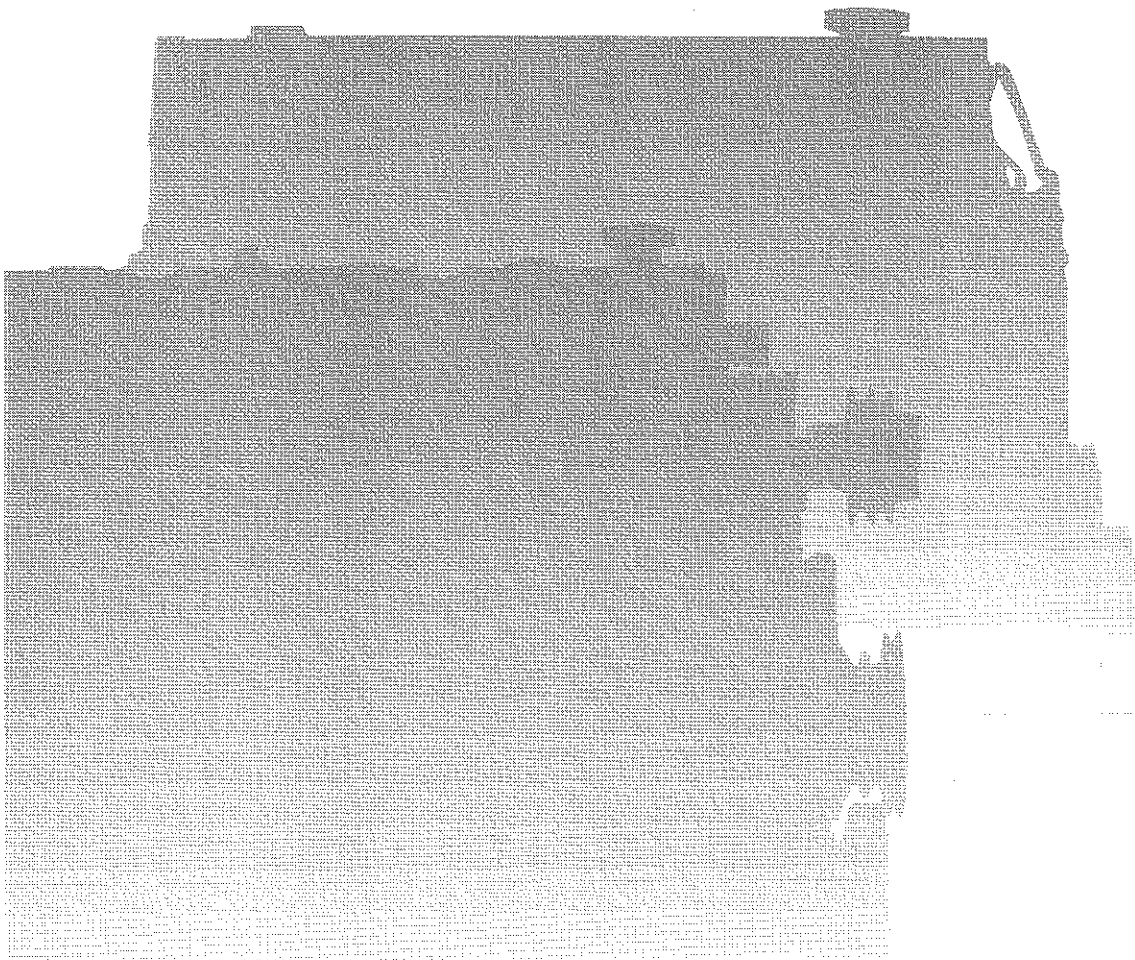
Phone: 1-800-DIESELS (1-800-343-7357)  
Fax: 1-800-232-6393  
Internet: [everytime.cummins.com](http://everytime.cummins.com)

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©2007 Cummins Inc.



# Cummins Warranty

L10/M11/ISM/N14/ISX/Sig Engines  
United States and Canada  
Automotive



# Coverage

## Products Warranted

This Warranty applies to new L10, M11, ISM, N14, ISX and Signature series engines sold by Cummins and delivered to the first user on or after December 1, 2003, that are used in automotive on-highway applications in the United States\* and Canada, except for engines used in bus and coach, recreational vehicle, fire apparatus/crash truck, applications for which different warranty coverage is provided.

## Base Engine Warranty

The Base Engine Warranty covers any failures of the Engine which result, under normal use and service, from defects in material or factory workmanship (Warrantable Failure). This Coverage begins with the sale of the engine by Cummins and ends two years or 250,000 miles (402,336 kilometers) or 6,250 hours of operation, whichever occurs first, after the date of delivery of the Engine to the first user.

Engine aftertreatment components included in the Cummins Critical Parts List (CPL) and marked with a Cummins part number are covered under Base Engine Warranty.

Failures of fuel injectors and aftertreatment injectors are covered for two years or 125,000 miles (201,168 kilometers) or 3,125 hours, whichever occurs first, after the date of delivery of the Engine to the first user.

## Extended Major Components Warranty

The Extended Major Components Warranty covers Warrantable Failures of the following Engine parts or castings:

- Engine cylinder block casting
- Engine main bearing bolts
- Engine cylinder head casting
- Engine cylinder head capscrews
- C Brake housing
- Engine crankshaft forging
- Engine camshaft forging
- Cam follower housing
- Cam follower assemblies
- Engine connecting rods and caps
- Engine connecting rod bolts
- Intake manifold castings
- Rocker lever housings
- Gear train gears:
  - Crankshaft gear
  - Camshaft gear
  - Camshaft idler gear
  - Accessory drive gear
  - Water pump drive gear
  - Water pump idler gear

Lube pump drive gear

Bushing and bearing failures are NOT covered.

This Coverage begins with the expiration of the Base Engine Warranty and ends five years, 500,000 miles (804,672 kilometers) or 12,500 hours, whichever occurs first, from the date of delivery to the first user.

## Emission Warranty

Additional coverage is outlined in the Emission Warranty section.

**These warranties are made to all Owners in the chain of distribution and Coverage continues to all subsequent Owners until the end of the periods of Coverage.**

# Cummins Responsibilities

## During The Base Engine Warranty

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest authorized repair location. In lieu of the towing expense, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage and lodging, when the repair is performed at the site of the failure.

## During The Base Engine And The Extended Major Components Warranties

Cummins will pay for all parts and labor needed to repair the damage to the engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses and other maintenance items that are not reusable due to a Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

# Owner Responsibilities

Owner is responsible for the operation and maintenance of the Engine as specified in the applicable Cummins Operations and Maintenance Manual. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of this Coverage, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the engine available for repair by such facility. Except for engines disabled by a Warrantable Failure during the Base Engine Warranty period, Owner must also deliver the engine to the repair facility. Locations in the United States and Canada are listed in the Cummins United States and Canada Sales and Service Directory.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during warrantable repairs unless such items are not reusable due to the Warrantable Failure.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

## Limitations

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the engine. Cummins is also not responsible for failures caused by incorrect oil, fuel or catalytic reagent or by water, dirt or other contaminants in the fuel, oil or catalytic reagent.

This Warranty does not apply to accessories supplied by Cummins which bear the name of another company. Such non-warranted accessories include, but are not limited to: alternators, starters, fans, air conditioning compressors, clutches, filters, transmissions, torque converters, steering pumps, and non-Cummins fan drives, engine compression brakes and air compressors.

Failures resulting in excessive oil consumption are not covered beyond the Base Engine Warranty. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are not covered beyond the first year from the date of delivery of the engine to the first user or the duration of the Warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new Cummins parts, Cummins approved rebuilt parts, or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining Coverage hereunder.

Cummins Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

**CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.**

**CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

**THIS WARRANTY AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## Emission Warranty

### Products Warranted

This Emission Warranty applies to new L10, M11, ISM, N14, ISX, and Signature series engines marketed by Cummins that are used in the United States\* in vehicles designed for transporting persons or property on a street or highway. This Warranty applies to Engines delivered to the first user on or after June 1, 1998.

### Coverage

Cummins warrants to the first user and each subsequent purchaser that the engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. Federal emission regulations applicable at the time of manufacture and that it is free from defects in material or factory workmanship which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,935 kilometers), or 3,000 hours of operation, whichever occurs first, as measured from the date of delivery of the Engine to the first user or

(B) The Base Engine Warranty.

If the vehicle in which the engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

**Limitations**

Failures, except those resulting from a defect in material or factory workmanship, are not covered by this Warranty.

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the engine. Cummins is also not responsible for failures caused by incorrect oil, fuel or catalytic reagent or by water, dirt or other contaminants in the fuel, oil or catalytic reagent.

Cummins is not responsible for non-engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

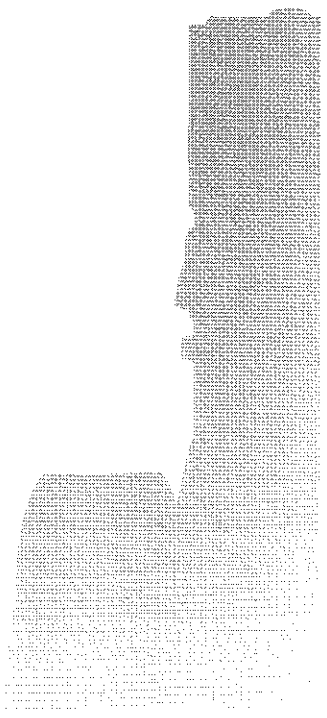
**CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

\* United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico, and the U.S. Virgin Islands.



Cummins Inc.  
Box 3005  
Columbus, IN 47202-3005  
U.S.A.

Bulletin 3381 139  
Printed in U.S.A. Rev. 06/2006  
©2003 Cummins Inc.





**Chuck Whitlow**

---

**From:** Chuck Whitlow [cwhitlow@mountaininternational.com]  
**Sent:** Tuesday, October 16, 2007 10:40 AM  
**To:** 'Jody Garavaglia'  
**Cc:** cwhitlow@mountaininternational.com  
**Subject:** RE: TRUCKS NOT DELIVERED

642011	642013	642023	Order Date 3-30-07
638984			Order Date 3-14-07
641192	641193	642194	Order Date 3-24-07
642214			Order Date 3-30-07
547940			Order Date 10-6-06
579102	579103		Order Date 2-3-07
642632			Order Date 4-2-07
642713	642724	642726	Order Date 4-2-07
643766			Order Date 4-9-07
539592	592595		Order Date 9-18-06

Note: It shows for 642713 and 642724 "trk here no invoice" – This is incorrect. Invoices are on file.

Chuck Whitlow  
Mountain International Trucks, Inc.  
Charleston, West Virginia  
[cwhitlow@mountaininternational.com](mailto:cwhitlow@mountaininternational.com)  
(304) 776-5600 F-(304) 776-4184 M-(304) 939-0781

---

**From:** Jody Garavaglia [mailto:jody@mountaininternational.com]  
**Sent:** Tuesday, October 16, 2007 7:35 AM  
**To:** 'Chuck Whitlow'  
**Subject:** TRUCKS NOT DELIVERED

Chuck –

I need the order dates for these trucks ASAP

thanks

Jody Garavaglia  
Accounting Manager  
Mountain International Trucks Inc  
304-536-2000

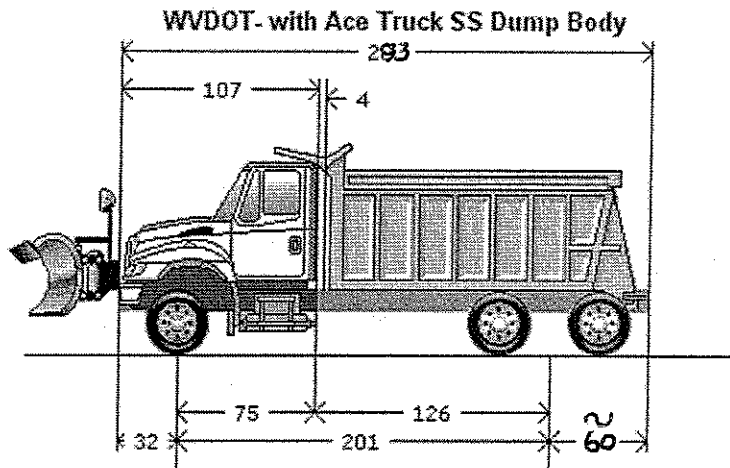
**Prepared For:**  
 WV Dept. of Transportation  
 Donald Weese  
 P. O. Box 610  
 Buckhannon, WV 26201-  
 (304)348 - 1750



**Diamond SPEC™**

**Presented By:**  
 MOUNTAIN INTERNATIONAL TRUCKS, INC.  
 Stewart W Whitlow  
 P.O. BOX 7771  
 408 GOFF MOUNTAIN ROAD (25313)  
 CHARLESTON WV 25356 -  
 (304)776-5600

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**

**2008 Diamond SPEC™ 7600 SFA 6X4 (SF547)**

- APPLICATION:** Front Plow with spreader
- MISSION:** Requested GVWR: 64000. Calc. GVWR: 64180  
 Calc. Start / Grade Ability: 23.10% / 2.28% @ 55 MPH  
 Calc. Geared Speed: 86.5 MPH
- DIMENSION:** Wheelbase: 201.00, CA: 126.00, Axle to Frame: 53.00
- ENGINE, DIESEL:** {Cummins ISM 385V} 50 State 370 HP @ 2100 RPM Governed Speed; 1450 lb-ft Torque @ 1200 RPM; 385 Peak HP (Max)
- TRANSMISSION, MANUAL:** {Fuller RTO(F)-14908LL} 10-Speed Manual; Double Lo With Overdrive and With Air Shift
- CLUTCH:** {Eaton Fuller EP1552} Easy-Pedal Plus, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, Soft Clutch 7-Spring Damper, Mechanical Pull-Type Control, With Kwik-Adjust (Manual) Feature, 1700 lb-ft Torque Capacity
- AXLE, FRONT NON-DRIVING:** {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
- AXLE, REAR, TANDEM:** {Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, With Lube Oil Pump, With Driver Controlled Locking Differential in Forward Rear and Rear Rear Axle and 200 Wheel Ends Gear Ratio: 4.10
- CAB:** Conventional
- TIRE, FRONT:** (2) 315/80R22.5 G287 MSA (GOODYEAR) 485 rev/mile, load range L, 20 ply
- TIRE, REAR:** (8) 12R22.5 G244 MSD (GOODYEAR) 480 rev/mile, load range H, 16 ply
- SUSPENSION, REAR, TANDEM:** {Hendrickson RT-463} Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity With Bronze Center Bushings
- PAINT:** Cab Schematic 100GR  
 Location 1: 9219, Winter White (Std)  
 Chassis Schematic N/A

**Description**

Base Chassis, Model 7600 SFA 6X4 with 201.00 Wheelbase, 126.00 CA, and 53.00 Axle to Frame.

TOW HOOK, FRONT (2) Inside Rail, Frame Mounted.

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Omit Item

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 191" (485cm) Through and Including 256" (650cm)

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

SHOCK ABSORBERS, FRONT

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type, Single Stage Spring; 20,000-lb Capacity; Less Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Chambers

TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck

DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank

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

AIR DRYER {Bendix AD-9} With Heater

BRAKE CHAMBER IDENTITY, SPRING {MGM Type TR-TS Long Stroke}

SLACK ADJUSTERS, FRONT {Haldex} Automatic

SLACK ADJUSTERS, REAR {Haldex} Automatic

BRAKES, REAR, AIR CAM 16.5" x 7.0"; Includes MGM TR3030 Long Stroke Brake Chamber and Heavy Duty Spring Actuated Parking Brake

AIR COMPRESSOR {Cummins} 18.7 CFM

BRAKE CHAMBERS, SPRING on Rear/Rear Axle Located Inside Rear Tire Envelope (Meets Asphalt Spreader/Paver Clearance Requirements)

STEERING COLUMN Tilting

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

STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power

DRIVESHAFT SYSTEM SPL250XL Driveshaft and SPL170XL Inner-Axle Shaft in lieu of 1810 Driveshaft and 1710 Inner-Axle Shaft

EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Outside Right Rail Under Cab; Includes Vertical Tail Pipe and Guard

ENGINE RETARDER {Jacobs Model 411} for Cummins ISM Engine, With Selector Switch and On/Off Switch

RAIN CAP With Single Exhaust, Non-Bright Finish.

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

BATTERY TERMINALS Sealed

ALTERNATOR {Leece-Neville 8LHP2172VAH} Brush Type; 12 Volt 110 Amp. Capacity, Pad Mounted

BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

**Description**

BATTERY SYSTEM {International} Maintenance-Free (4) 12-Volt 2600CCA Total

TAIL LIGHT WIRING MODIFIED Includes: Wiring for Standard Lt & Rt Tail Lights; Separate 8.0' of Extra Cable Wiring for Lt & Rt Body Mounted Tail Lights

CB RADIO Accommodation Package; Header Mounted; Feeds From Accessory Side of Ignition Switch; Includes Power Source and Two Antenna Bases With Wiring

RADIO {International} AM/FM Stereo With Weatherband, Clock, Includes Multiple Dual Cone Speakers

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

TRAILER CONNECTION SOCKET 7-Way; Mounted at Rear of Frame, Wired for Turn Signals Independent of Stop, Compatible With Trailers That Have Amber or Side Turn Lamps

JUMP START STUD Remote Mounted.

HORN, AIR Black, Single Trumpet, Air Solenoid Operated, Mounted Behind Bumper on Right Rail

CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade

SWITCH, BODY CIRCUITS, MID for Bodybuilder, With 6 Switches in Instrument Panel; One Power Module With 6 Channel, 20 Amp Max. Per Channel and 80 Amp Max Output, Switches Control the Power Module Through Multiplex Wiring, Mounted Battery Box Back of Cab

STARTING MOTOR {Delco Remy 39MT} 12 Volt; Gear Reduced, With Thermal Over-Crank Protection

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

FENDER EXTENSIONS Omit

GRILLE Stationary, Chrome

INTERNATIONAL LOGOS Ship Loose International Door Badges in Cab for Installation after Customer Graphics

BUG SCREEN Front End; Mounted Behind Grille

FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 Emissions

PAINT SCHEMATIC, PT-1 Single Color, Design 100

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

CLUTCH {Eaton Fuller EP1552} Easy-Pedal Plus, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, Soft Clutch 7-Spring Damper, Mechanical Pull-Type Control, With Kwik-Adjust(Manual) Feature, 1700 lb-ft Torque Capacity

PTO EFFECTS, ENGINE FRONT Less PTO Unit, Includes Adapter Plate on Engine Front Mounted

BLOCK HEATER, ENGINE {Phillips} 120 Volt/1500 Watt

RADIATOR HOSES Silicone; Molded

ENGINE, DIESEL {Cummins ISM 385V} 50 State 370 HP @ 2100 RPM Governed Speed; 1450 lb-ft Torque @ 1200 RPM; 385 Peak HP (Max)

FAN DRIVE {Borg-Warner K26} With Automatic On/Off Control

FEDERAL EMISSIONS for 2002; for Cummins ISM Engines

RADIATOR Aluminum; Cross Flow, Front to Back Series System, 1469 SqIn, With 1172 SqIn Charge Air Cooler

FEDERAL EMISSIONS 2007 for Cummins ISM Engines

AIR CLEANER Dual Element

ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use

OIL PAN Rust Protected with Zinc Nickel Plating, For Cummins ISM Engines

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

**Description**

TRANSMISSION, MANUAL {Fuller RTO(F)-14908LL} 10-Speed Manual; Double Lo With Overdrive and With Air Shift

OIL COOLER, MANUAL TRANSMISSION Air to Oil Type, for International, Fuller, Meritor or Spicer Transmission (REQUIRES TRANSMISSION LUBE PUMP)

TRANSMISSION LUBE PUMP for International, Fuller, Meritor(Rockwell) or Spicer Transmissions; USE ONLY WHEN PUMP IS NOT INCLUDED STANDARD IN TRANSMISSION

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

AXLE, REAR, TANDEM {Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, With Lube Oil Pump, With Driver Controlled Locking Differential in Forward Rear and Rear Rear Axle and 200 Wheel Ends

SUSPENSION, REAR, TANDEM {Hendrickson RT-463} Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity With Bronze Center Bushings

SUSPENSION/REAR-AXLE IDENTITY for Meritor(Rockwell) Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions

DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash

AXLE, REAR, LUBE {EmGard 75W-90} Synthetic Oil; 65 thru 89.99 Pints

FUEL/WATER SEPARATOR {Davco Fuel Pro 382 (382030)} With Fuel Heated Fuel Heater, Thermostatic Fuel Temperature Control, Mounted In Standard Position

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

HEATER HOSES Silicone

GAUGE CLUSTER English With English Electronic Speedometer

GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} With Black Bezel Mounted in Instrument Panel

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, Isolated, With 2 Position Front Cushion Adjustment, -3 to +14 Degree Seat Back Adjustment, Triple Chamber Air Lumbar Support, Cushion and Back Bolsters

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

MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75", Brackets Breakaway Type, With 102" Wide Spacing, With Integral Convex Both Sides, With All Heated Heads, Thermostatically Controlled, With Clearance Lights LED, Powered Both Sides, Flat Glass Only

GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only

INSTRUMENT PANEL Center Section, Flat Panel

WINDOW, POWER (2) And Power Door Locks, Left and Right Doors

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

FRESH AIR FILTER for HVAC

STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door

CAB INTERIOR TRIM Premium

CAB REAR SUSPENSION Air Bag Type

WINDSHIELD WIPER BLADES Snow Type

WHEELS, FRONT DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 9.00 DC Rims; With .500" Thick Disc, Non-Standard Offset and Steel Hubs

**Description**

WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With .472" Thick Increased Capacity Disc and Steel Hubs

PAINT IDENTITY, FRONT WHEELS {Accuride} Disc Front Wheels; With Vendor Applied (PKGRY21) Grey Powder Coat Paint

PAINT IDENTITY, REAR WHEELS {Accuride} Disc Rear Wheels; With Vendor Applied (PKGRY21) Grey Powder Coat Paint

WHEEL GUARDS, FRONT {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts Mounted Between Hub and Wheel

WHEEL GUARDS, REAR {Accuride} for Metric Hub Piloted Wheels with Flanged Mounting Nuts, Mounted Between Hub & Wheel and Between Dual Wheels

WHEEL BEARING, FRONT, LUBE {EmGard 50W} Synthetic Oil

(8) TIRE, REAR 12R22.5 G244 MSD (GOODYEAR) 480 rev/mile, load range H, 16 ply

(2) TIRE, FRONT 315/80R22.5 G287 MSA (GOODYEAR) 485 rev/mile, load range L, 20 ply

Cab Schematic 100GR

Location 1: 9219, Winter White (Std)

Chassis Schematic N/A

**Services Section:**

WRTY, LTD, BASIC VEHICLE DSPEC {Diamond SPEC} To 12-Month/Unlimited Mileage; Includes Diamond Emergency Breakdown Service, With 90-Day Towing

SERVICES, TOWING To 36-Month/200,000 Miles (320,000 km), 7200 Hours; Service Call to the Vehicle or Towing to the Nearest International Dealership for a Non-Drivable Unit in Conjunction with an International Warrantable Failure; \$250 (USA) Maximum Benefit per Incident

Ace Truck Equipment Body SS Dump Body and Spreader unit

**INTERNATIONAL®**

Warranty  
2008 7600 SFA 6X4 (SF547)

October 16, 2007

(USA DOLLAR)

Description

Extend basic coverage to 2 years-100k miles, 3600 hrs. from 1 year standard plus Extend coverage to 3 years -100k miles-3600 hours on front axle, springs, clutch, propshafts, rear ends and suspension

**INTERNATIONAL®**

Body Allied/Equipment  
2008 7600 SFA 6X4 (SF547)

October 16, 2007

(USA DOLLAR)

Description

Price

Ace Truck Equipment Body SS Dump Body and Spreader unit

\$51,912.00

Total Body Allied/Equipment: \$51,912.00