



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

707EC015

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

JOHN JOHNSTON
304-558-2402

V
E
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D
O
R

*709035314 304-485-4410
MATHENY MOTOR TRUCK COMPANY
PO BOX 1304

PARKERSBURG WV 26102-1304

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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		
11/06/2006	PER BID REQUEST	GROUND	BUCKHANNON, WV	PRE PAID		
BID OPENING DATE: 12/06/2006		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		765-13	171,561.00	171,561.00
TRUCKED MOUNTED 18 TON CRANE						
OPEN END CONTRACT						
TO PROVIDE TRUCK MOUNTED 18 TON CRANE AS DESCRIBED IN ATTACHED PROCUREMENT SPECIFICATION 332-1-1.						
THERE WILL BE A MANDATORY PRE-BID CONFERENCE AT THE STATE CAPITOL COMPLEX, BUILDING 15, CONFERENCE ROOM, AT 10:00 AM ON 11/30/06. 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 TUESDAY, 11/21/06. SEND YOUR QUESTIONS TO: PURCHASING DIVISION ATTENTION 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 NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE			TELEPHONE (304) 485-4418		DATE 12-19-06	
TITLE SALES REPRESENTATIVE 55-0320770			ADDRESS CHANGES TO BE NOTED ABOVE			

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



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<p>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 THE CONTRACT SHALL COVER THE QUANTITIES ACTUALLY ORDERED FOR DELIVERY DURING THE TERM OF CONTRACT,</p>						

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WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.						
ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN EQUIPMENT CONTRACT ORDER (FORM NUMBER WV-35) FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL WV-35 MUST BE SENT TO THE PURCHASING DIVISION OF THE DEPARTMENT OF ADMINISTRATION. AFTER APPROVAL AND ENCUMBRANCE, ONE COPY OF THE PURCHASE ORDER WILL BE RETURNED TO THE SPENDING UNIT AND ONE COPY FORWARDED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT. NO ORDER IS VALID UNLESS APPROVED AND ENCUMBERED BY THE PURCHASING DIVISION.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.						
REV. 9/98						
EXHIBIT 6						
PRICE ADJUSTMENT PROVISION: THE STATE OF WEST VIRGINIA WILL CONSIDER BIDS THAT CONTAIN PROVISIONS FOR PRICE ADJUSTMENTS PRIOR TO THE ORIGINAL EXPIRATION OF THE CONTRACT, PROVIDED THAT SUCH PRICE ADJUSTMENT COVERS BOTH UPWARD AND DOWNWARD MOVEMENT OF THE COMMODITY PRICE, AND THAT ADJUSTMENT IS BASED ON THE "PASS THROUGH" INCREASE OR DECREASE OF RA MATERIALS AND/OR LABOR, WHICH MAKE UP ALL OR A SUBSTANTIAL PART OF A PRODUCT. ADJUSTMENTS ARE TO BE BASED UPON AN ACTUAL DOLLAR FIGURE, NOT A PERCENTAGE. ALL PRICE ADJUSTMENT REQUESTS MUST BE SUBSTANTIATED IN A MANNER ACCEPTABLE TO THE DIRECTOR PURCHASING, E.G. GOVERNMENTAL BENCH MARKS, GENERAL MARKET INCREASE,						

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<p>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>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> <p>() BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>(X) BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR</p> <p>() BIDDER IS A CORPORATION NONRESIDENT VENDOR</p>						

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<p>WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION.</p> <p>B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED:</p> <p>(X) BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID;</p> <p>OR</p> <p>() BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR 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 & 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</p>						

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<p>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 CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p> <p>BIDDER: <u>MATHENY MOTOR TRUCK COMPANY</u></p> <p>DATE: <u>12-19-06</u></p> <p>SIGNED: <u><i>[Signature]</i></u></p> <p>TITLE: <u>SALES REPRESENTATIVE</u></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU AR</p>						

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<p>ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: 33</p> <p>RFQ. NO.: 707EC015</p> <p>BID OPENING DATE AND TIME</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>----- (304) 485-2577 -----</p>						

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CONTACT PERSON (PLEASE PRINT CLEARLY):						
--BRIAN LAMP-----						
***** THIS IS THE END OF RFQ 707EC015 ***** TOTAL: SEE BIDDERS						
EVALUATION REPORT						

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. 332-1-I

TRUCK MOUNTED 18 TON CRANE

NOTE TO BIDDER: Procurement Specification No. 332-1-I, 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.
FAILURE TO SUBMIT THIS REPORT, COMPLETE IN ITS ENTIRETY, MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

Reference Requisition No.: 707EC015

Bidder's Name: MATHENY MOTOR TRUCK CO.

Address: P.O. BOX 1304 3rd and ANN STREETS, PARKERSBURG, WV 26102

Telephone Number: (304) 485-4418

Years Bidder has been registered to do business with the State of West Virginia: 84 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: 90 Calendar Days After Date of Purchase Agreement

X4.2.2 Delivery date of balance of completed units: 180 Calendar Days After Date of Purchase Agreement

X5.0 AWARD CRITERIA:

X5.1 Prices for unit in quantities of	1-10	<u>171,561.00</u> per unit
	11-20	<u>170,716.00</u> per unit
	21 and over	<u>169,871.00</u> per unit

X6.0 SPECIFICATIONS - GENERAL

X6.1 Manufacturer, model, series, and date of manufacture of proposed unit:

VOLVO VHD64B W/ ALTEC CRANE MODEL AC18-70BIs descriptive literature, fully describing proposed unit attached to your bid? x YES _____ NO

If not, why? _____

X6.2 Will the required number of service manuals, and complete parts list be delivered to the Equipment Division at Buckhannon upon completion of delivery of total units? x YES _____ NOWill the required Equipment Preventive Maintenance Form (Section X6.2 of Bidders Evaluation Report) be provided upon inspection of the pilot unit? x YES _____ NO

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: _____ TO BE SUPPLIED PER BID REQUEST 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	_____
-------	-------	-------	-------	-------

X6.3 TRAINING:

Will training seminar be conducted on Preventive Maintenance, Operator and Mechanic Training ☒ YES ☐ NO

Will you conduct training with each purchase order against this open end contract? ☒ YES ☐ NO

Will training be conducted within 2 working days from the delivery of the pilot unit on the individual purchase order? ☒ YES ☐ NO

If NO, explain time frame _____

Will an Operator's Manual be furnished to the Training Academy? ☒ YES ☐ NO

X6.4 If you are the successful vendor, will you furnish all training aids, i.e., videos, projectors, required in conducting the training? ☒ YES ☐ NO

X6.4.1 Will all manuals, booklets, etc. explaining preventive maintenance, operator procedures, and service schedule be delivered with each unit? ☒ YES ☐ NO

If NO, explain _____

X6.5 WARRANTY AND SERVICE POLICY

Will the warranty and service you provide comply with all areas as stated in Section 6.5 of specifications ☒ YES ☐ NO

Is warranty literature attached? ☒ YES ☐ NO

Is a minimum two (2) basic bumper to bumper warranty included? ☒ YES ☐ NO

Describe; PER BID REQUEST _____

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)

SEE WARRANTY ATTACHMENTS

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.

WITH APPROVAL FROM VOLVO, DOH CAN PERFORM WARRANTY WORK, PROVIDED THEY FOLLOW VOLVO GUIDELINES.

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

VOLVO- PARKERSBURG, WHEELING, SOUTH CHARLESTON, PRINCETON, HUNTINGTON
ALTEC- ST. JOSEPH, MO

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.

		CHASSIS	CRANE
A.	Terms: Net 30	Manufacturer's published list price less: <u>40</u> % discount	0% discount
B.	Terms: Net 60	Manufacturer's published list price less: <u>30</u> % discount	N.A.
C.	Terms: Net 90	Manufacturer's published list price less: <u>20</u> % discount	N.A.

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

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

	CHASSIS	CRANE
A. Shop Rate	\$ <u>75.00</u> per mechanic hour	\$85.00
B. Travel Time Charge (Specify if one-way)	\$ <u>85.00</u> per mechanic hour _____ ; port to port <u> x </u>	\$95.00
C. Mileage Charge (Specify if one-way)	\$ <u> 0 </u> per vehicle mile _____ ; port to port <u> 0 </u>	\$0
D. Field Mechanic Rate	\$ <u>85.00</u> per mechanic hour	\$95.00
E. Specify period of time that prices are in effect:	<u>DECEMBER 20, 2006-JANUARY 31, 2007</u>	
F. Surcharge for miscellaneous items:	<u> </u> * <u> </u> %	
* \$4.00 per labor hour for shop supplies and environmental disposal fee.		

X6.6 EVALUATION COMMITTEE REQUIREMENTS

Is all component specifications, product literature, component models provided for Evaluation Committee bid determination? x YES NO

X6.7 Will all parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, be furnished with the unit and conform in strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry?
 x YES NO

X6.7.1 Are all parts and accessories adequate and regularly supplied as standard to be included except those which may be duplications of specifications herein, and except these by specification are not to be furnished? x YES NO

X6.7.2 Are all standard safety features that are required by Federal and State statutes of law included? x YES NO

X7.0 SPECIFICATIONS OF THE QUOTED UNIT

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.

TRUCK SPECIFICATIONS:

Is a minimum two (2) year bumper to bumper basic warranty included
 x YES NO

Manufacturer: VOLVO Model: VHD64B

X8.0 GVW Plate Rating: 54,000 pounds
Vendor is to insure that this requirement is met as it takes precedence over all other specifications affecting the GVW rating. Vendor shall contact the Equipment Division if the GVW rating requirements cannot be met with the requirements.

X8.1 Cab to Axle Dimensions: 177.6 Inches

X8.1.1 Cab to End of Frame: 270 Inches

X8.2 Wheelbase: 240 Inches

X8.3 Frame: Does the frame meet or exceed all Federal requirements for GVWR specified
x YES NO

X8.3.1 Section Modulus: 29.2 Rein.

X8.3.2 Yield Strength: 120,000 psi

X8.3.3 Resisting Bending Moment: 3,504,000 In-Lbs.

Are shop drawings attached x YES NO

X8.4 Engine:

X8.4.1 Type: Diesel x YES NO HP: 375

Manufacturer: VOLVO Model: VE-D13

X8.4.2 Heavy duty dual element dry type air cleaner x YES NO

X8.4.3 Peak Torque: 1450 @ 1100 RPM

X8.4.4 Vertical exhaust system that meets Federal requirements with vertical stack with guard. x YES NO

HAS HORIZONTAL MUFFLER, VERTICAL STACK.

X8.4.5 Diesel fuel heater in fuel line system. x YES NO

X8.4.6 1500 Watt engine block heater x YES NO

X8.5 Transmission:

Manufacturer: EATON Model: RTO-14908LL

X8.5.1 Power take off with SAE 6-bolt opening x YES NO

X8.6 Clutch: Spicer Model No. SAS-1402 (2) plate clutch 14 inch diameter or equal
x YES NO

X8.7 Rear Axle:

X8.7.1 Capacity: 40,000 Lb. Class (Tandem Unit) x YES NO

X8.7.2 Ratio capable of top speed of 65 MPH x YES NO
Ratio: 4.63

- X8.7.3 Differential lock provided with dashboard located switch and indicator light
☒ YES ☐ NO
- X8.7.4 Suspension: Hendrickson RT 400 or equal ☒ YES ☐ NO
- X8.8 Front Axle:
- X8.8.1 Capacity: 18,000 Lb. Class I beam type ☒ YES ☐ NO
- X8.8.2 Are front wheel seals oil lubricated - Stemco Type or equal
☒ YES ☐ NO
- X8.8.3 Heavy duty front shocks provided? ☒ YES ☐ NO
- X8.9 Driveline:
 Manufacturer and Model: SPICER LIFE DRIVELINE WITH XL U-JOINTS
- X8.10 Brakes:
- X8.10.1 Compressor: WABCO Specify CFM 31.8
- X8.10.2 Jacob's engine brake or equivalent ☒ YES ☐ NO
- X8.10.3 Front brakes: Manufacturer' standard for 18,000 pound front axle
☒ YES ☐ NO
- Make and Model: ARVIN MERITOR Q+CAST
- X8.10.3.1 Full air with "S" cam actuation and 16.5 x 7 brakes with automatic
 slack adjusters ☐ YES ☐ NO
- X8.10.4 Rear Brakes: Full air with "S" cam actuation and auto slack adjusters
☒ YES ☐ NO
 Size: 16.5 x 7
- X8.10.4.1 Parking brake spring set, air release with separate air tank and
 instrument panel control? ☒ YES ☐ NO
- X8.10.4.2 Manufacturer's standard air tanks for service brakes, auxiliary tank
 for parking brake ☒ YES ☐ NO
- 8.10.4.3 Low air pressure warning light and buzzer, air pressure gauge
☒ YES ☐ NO
- X8.10.4.4 Brakes meet or exceed current Federal and State requirements
☒ YES ☐ NO

X8.10.4.5 Air dryer with heater:
Make and Model: WABCO UP1200 w/o TURBO CUT OFF VALVE

X8.11 Brake dust covers provided on all wheels x YES NO

X8.12 Electrical system manufacturer's standard 12 volt system? x YES NO

X8.12.1 Batteries:

Manufacturers heavy duty type x YES NO Specify CCA 2000

X8.12.2 Alternator Capacity:

AMPS 110 with Internal Regulator x YES NO

Manufacturer: DELCO REMY

X8.12.3 Wiring: Heavy duty sheathing hypalon type or equal? x YES NO

X8.12.4 Lighting: All lights; numbers of, location, and color; conform to ICC and W. Va. Motor Vehicle Codes x YES NO

X8.13 Fuel Tanks:

X8.13.1 Dual steel non-skid step tanks mounted so as to provide maximum ground clearance and do not extend behind cab YES x NO

SEE EXCEPTION REPORT

X8.13.2 Capacity: 100 U.S. gallon each; total 100 U.S. gallons

X8.13.3 Equalizer line connecting both tanks YES x NO

Drain valves one (1) each tank and line fittings mounted in a way to prevent or minimize any damage from dragging. x YES NO

X8.13.4 Filler caps chain or wire tethered to tanks x YES NO

X8.13.5 Tanks filler neck screen fitted x YES NO

X8.14 Cooling System:

X8.14.1 Is the cooling system capable of maintaining controlled temperatures throughout any speed and load conditions covered by this specification during summer and winter operations (utility hauling, as crane transport, and during stationary crane operating conditions) at altitudes that vary from a low elevation of 250 feet below sea level to a high elevation of 4700 feet above sea level. x YES NO

- X8.14.2 Permanent type Dex-Cool or equal coolant to minus forty degrees Fahrenheit (-40°F) provided x YES NO
- X8.14.3 Does the cooling system incorporate a thermostat and coolant bypass system for preoperation warmup? x YES NO
- X8.15 Cab and Accessories:
Steel (x) and/or fiberglass () equipped with one piece tilt hood and fenders x YES NO
- X8.15.1 At least 40 inches between centerline of front axle and front end grille. x YES NO
- X8.15.2 Two (2) fully adjustable high back, air ride bucket seats, cloth covered with three (3) point safety belts each side x YES NO
- X8.15.3 Dual sun visors x YES NO
- X8.15.4 Heater and defroster fresh air type, heaviest duty offered by manufacturer. x YES NO
- X8.15.5 Dual heated west coast adjustable mirrors x YES NO with stainless steel or aluminum housing and brackets with eight (8) inch convex spot mirror YES x NO SEE EXCEPTION SHEET
- Manual adjustable left side, power adjustable right side from drivers position x YES NO
- X8.15.6 Windshield wipers heavy duty electric 2-speed with intermittent feature x YES NO
- X8.15.7 Rubber floor mats throughout cab area with nonabsorbent backing under mats x YES NO
- X8.15.8 Outside key locks both doors; inside push-pull locks, both doors x YES
- X8.15.9 Dual air horns, cab mounted x YES NO
- X8.15.10 Grab handles on right hand and left hand sides of cab, rear of door opening x YES NO
- X8.15.11 Manufacturers heavy duty self-cancelling turn signals with hazard warning switch x YES NO

X8.15.12	Primary and auxiliary air pressure gauges	<u> x </u> YES <u> </u> NO
X8.15.13	Air filter restriction indicator (dash mounted)	<u> x </u> YES <u> </u> NO
X8.15.14	Engine hour meter (controlled by engine operation not by key switch)	<u> x </u> YES <u> </u> NO
X8.15.15	Manufacturers standard air conditioning package	<u> x </u> YES <u> </u> NO
X8.15.16	AM-FM Radio	<u> x </u> YES <u> </u> NO
X8.15.17	Arm rests on both sides	<u> x </u> YES <u> </u> NO
X8.15.18	Instruments: Are the following included:	
X8.15.18.1	Speedometer with odometer	<u> x </u> YES <u> </u> NO
X8.15.18.2	Tachometer	<u> x </u> YES <u> </u> NO
X8.15.18.3	Voltmeter	<u> x </u> YES <u> </u> NO
X8.15.18.4	Fuel Gauge	<u> x </u> YES <u> </u> NO
X8.15.18.5	Oil Pressure Gauge	<u> x </u> YES <u> </u> NO
X8.15.18.6	Water Temperature Gauge	<u> x </u> YES <u> </u> NO
X8.15.18.7	Air Pressure Gauge	<u> x </u> YES <u> </u> NO
X8.15.18.8	Low Air and Oil Pressure and high water temperature Warning Light in red background and audible Buzzer to inform operator when operating conditions are exceeded	<u> x </u> YES <u> </u> NO
X8.15.19	Two (2) front frame mounted front two hooks	<u> x </u> YES <u> </u> NO
X8.15.20	Rain gutters over each door	<u> x </u> YES <u> </u> NO
X8.15.21	Manufacturer's standard front bumper?	<u> x </u> YES <u> </u> NO
X8.15.22	Tinted safety glass all locations?	<u> x </u> YES <u> </u> NO

X8.15.23 Accessories not indicated above but in manufacturer's standard cab:

SEE ATTACHED LITERATURE

X8.16 Front Wheels and Tires:

X8.16.1	Wheel Size: 9 x 22.5	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.2	Wheel Type: Hub piloted steel disc type	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.3	Tire Size: 315/80R22.5 20 P.R. Tubeless Type	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.4	Tread Design: Highway tread	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.5	Rear Wheels and Tires:	
X8.16.6	Wheel Size: 8.25 x 22.5	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.7	Wheel Type: Hub piloted steel disc type	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.8	Tire Size: 11R22.5 16 P.R. Tubeless Type	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.9	Tread Design: On/Off Road	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X8.16.10	Recommended Tires:	

Front:

Bridgestone	M860
Bridgestone	M843
Goodyear	G287 MSA
Michelin	XZUS
Michelin	XZY3

Rear:

Bridgestone M840Bridgestone M843Goodyear G244 MSDGoodyear G288 MSAMichelin XZY3

X8.17 Manufacturers standard power steering for front axle specified

 x YES NOSpecify manufacturer: TRW THP60

X8.18 Features considered as standard equipment but not addressed:

SEE ATTACHED LITERATURE

X8.19 Paint: Describe the proposed method of painting and striping

Dupont Imron 6000 Basecoat ClearcoatAre samples of proposed paint attached to bid? YES x NOX8.20 Does the unit meet or exceed the "Occupational Safety and Health Act of 1970" and subsequent amendments. x YES NO

X8.21 Does the unit conform to the advertising guidelines? (Describe):

PER BID REQUEST

X8.22 Training:

X8.22.1 Will a preventative maintenance and operator's training seminar be provided?
 X YES NO

8.22.2 Will all manuals, booklets, etc. explaining preventive maintenance, operator procedures, and service schedule be delivered with each unit?

x YES NO

If NO, explain _____

X9.0 CRANE SPECIFICATIONS

Reference Requisition No. on request for proposal: 707EC015

Bidder's Name: ALTEC INDUSTRIES INC.

Address: 325 SOUTH CENTER DRIVE DALEVILLE, VA 24083

Telephone Number: (540) 966-2958

Years Bidder has been registered to do business with the State of West Virginia: YEARS

Years Company has been an authorized dealer for proposed unit: 3 YEARS

Manufacturer, model, series, and date of manufacture of proposed unit:

ALTEC CRANE MODEL AC18-70B

Is descriptive literature, fully describing proposed unit attached to your proposal?

YES

If not, why?

X9.0 Is crane hydraulically operated telescoping crane capable of meeting SAE J765 stability requirements with an 85% tipping factor at rated capacities?
☒ YES ☐ NO

X9.0.1 Is crane design, manufactured, and tested to comply with applicable portions of ANSI B30.5, OSHA 1926.550, AWS D14.3 AND SAE J-1078?
☒ YES ☐ NO

Does crane have a minimum two (2) bumper to bumper basic warranty?
☒ YES ☐ NO

X9.1 Physical Dimensions:

X9.1.1 Width with outriggers retracted: 96 inches

X9.1.2 Mounted height: 12 feet 10 inches when mounted on 40 inch high truck frame

X9.1.3 Boom length fully retracted: 27 feet

X9.1.4 Boom length fully extended: 70 feet. (Center of boom pivot to center of sheave pin) 80 FEET SHEAVE HEIGHT

X9.1.5 Does turret use more than 40 1/4 in. of truck frame behind cab.
☒ YES ☐ NO
 If Yes, specify 43 1/2

X9.2 Capacity: (With outriggers, stabilizers fully deployed and not less than the following requirements at each radius without exceeding 85% of tipping

X9.2.1 All Booms Fully Retracted:

X9.2.1.1 36,000 pounds @ 5 foot radius, 360 degrees

X9.2.1.2 21,500 pounds @ 10 foot radius, 360 degrees

X9.2.1.3 11,500 pounds @ 20 foot radius, 360 degrees

X9.2.2 Capacities at 43 foot Boom Length:

X9.2.2.1 16,700 pounds @ 10 foot radius, 360 degrees

X9.2.2.2 10,200 pounds @ 20 foot radius, 360 degrees

X9.2.2.3 6,500 pounds @ 30 foot radius, 360 degrees

X9.2.2.4 3,900 pounds @ 40 foot radius, 360 degrees

X9.5 Is the turret and pedestal designed for maximum lifting capacity for a full 360 degrees arc and for boom elevations varying from minus 10 degrees to plus 80 degrees?
☒ YES ☐ NO

If NO, specify arc _____°, Elevations - _____°, to + _____°

X9.6 Is the rotational system hydraulically powered and gear driven ☒ YES ☐ NO

X9.6.1 Is outside accessible slack adjustment feature provided? ☒ YES ☐ NO

X9.6.2 Is the unit capable of 372 degree rotation with a mechanical stop
 370° ROTATION WITH MECHANICAL STOP ☐ YES ☒ NO

X9.7 Winches: Two speed planetary driven, boom mounted with natural cable spooling
☒ YES ☐ NO

X9.7.1 Is the drum of large diameter and will it meet all applicable OSHA regulations?
☒ YES ☐ NO

X9.7.2 Winch line pull, 1st wrap 10,200 pounds with single part line.

X9.7.3 Winch line speeds, 3rd wrap 147 f.p.m. low gear; _____ f.p.m. high gear

X9.7.4 Drum capacity: 240 ft. of 9/16 inch wire rope.

Specify wire rope breaking strength 37,000 lbs. rotation resistant
☒ YES ☐ NO

X9.7.5 Is automatic brake incorporated into hydraulic drive motor? ☒ YES ☐ NO

X9.7.6 Does the winch feature "on-the-go" shifting? ☒ YES ☐ NO

X9.8 Is the boom three (3) stage type and is it of rectangular box construction?
☒ YES ☐ NO

Is the boom equipped with light at operator station to advise that boom is not in travel position?
☒ YES ☐ NO

X9.8.1 Is the boom a proportionate hydraulic boom, extension and retraction? YES

Are there any extension cables _____ YES ☒ NO

X9.8.2 Outside accessible boom wear pads provided ☒ YES ☐ NO

X9.8.3 Boom Tips:

- X9.8.3.1 Single sheave for main hoist line x YES NO
- X9.8.3.2 Means of attachment for 2nd and 3rd part liner x YES NO
- X9.8.3.3 Provisions for mounting a two (2) person steel bucket x YES NO
- X9.8.3.4 "D"-rings for safety line attachment fitted on each side YES x NO
 LANYARD ATTACHMENT AT CENTER PLATFORM YOKE.

X9.9 Hydraulic System:

- X9.9.1 Pump: Manufacturers standard hydraulic pump x YES NO
 capable of performing all functions x YES NO
- X9.9.2 Reservoir capacity: 70 gallons with sight and temperature gauge x YES NO
- X9.9.3 Filtration: 10 Micron return line filter with shut off valve in the suction line
 x YES NO
- X9.9.4 Controls "on-demand" type x YES NO
- X9.9.5 Do all cylinders have holding valves? x YES NO

X9.10 Controls:

- X9.10.1 Does unit provide twin platforms each equipped with identical sets of controls
 x YES NO
- X9.10.1.1 Grip strut platform mounted on opposite sides of pedestal with enclosures to protect operator from swinging loads on hook or sliding loads on flatbed x YES NO
- X9.10.1.2 Does operator control station provide safety screen to protect operator from outrigger motion x YES NO
- X9.10.2 Does rear bulkhead provide a full length grab rail YES x NO 6 inch
- X9.10.3 Is grab handle attached to control console x YES NO
 9 inches high and 8 inches deep
- X9.10.4 Do operator controls include an engine stop-start switch x YES NO
- X9.10.5 Do operator controls include foot operated engine throttle x YES NO

X9.10.6 Do operator controls include all crane hydraulic function controls
☒ YES ☐ NO

X9.11 Overload protection system:

X9.11.1 Crane equipped with an overload protection system ☒ YES ☐ NO

X9.11.2 Does overload protection feature provide capacity alert shutdown system consisting of capacity alert lamp with audible alarms at all control stations
☒ YES ☐ NO

X9.11.3 Are overload protection pressures factory preset and non-adjustable
☒ YES ☐ NO

X9.12 Capacity chart:

X9.12.1 Capacity charts posted at each operators station ☒ YES ☐ NO

X9.12.2 Charts have visible numbers and constructed of weather resistant material, permanently mounted
☒ YES ☐ NO

X9.13 Personnel bucket:

X9.13.1 Is the personnel bucket two (2) person steel basket? ☒ YES ☐ NO

X9.13.2 Specify two (2) person steel basket dimensions 30 inches x 60 inches x 44 1/2 inches

X9.13.3 Is basket gravity hung with adjustable friction brake lock
 GRAVITY HUNG HYDRAULIC BRAKE LOCK ☐ YES ☒ NO

X9.13.4 Capacity: 600 lbs.

X9.13.5 Capable of attachment directly to boom ☒ YES ☐ NO

X9.14 Are necessary blocks for two (2) and three (3) part land line operation provided?
☒ YES ☐ NO

X9.15 Accessories:

X9.15.1 Is one (1) 20 ton rated line block for up to four (4) parts of line, having a ball bearing swivel with OSHA approved safety latch hook provided
☒ YES ☐ NO

X9.15.2 Is one (1) 12 1/2 ton capacity roller bearing swivel hook with OSHA approved safety latch and haul down weight provided? ☐ YES ☒ NO

Is the hook attached with wedge ☒ YES ☐ NO

- X9.15.3 Is a reinforced tie down ring provided for loadline attachment and positioned at rear of bed X YES NO
- X9.15.4 Is heavy duty steel fabricated boom rest set in slots at rear of the subframe provided that will support the boom when in travel? X YES NO
- X9.15.5 Is boom rest easily removed to simplify loading and unloading of flat bed? X YES NO

EXTRA HEAVY DUTY PLATFORM BODY

Manufacturer: KNAPHEIDE Model: FLATBED

- X10.0 Is a copy of shop drawings attached detailing the construction and weldment of the platform body? X YES NO

X10.1 Dimensions:

X10.1.1 Length: 19.6 feet

X10.1.2 Width: 96 inches outside dimension

- X10.2 Side and end rails: Structural channels STRUCTURAL CHANNELS C6 x 8.2

Side and rear rails with four (4) side recessed stake pockets on 24 inch centers.

 X YES NO

- X10.3 Cross sills constructed of four (4) inch heavy structural channel X YES NO

12 inch centers and gusseted.

 X YES NO

- X10.4 Longitudinal sills of heavy seven (7) inch structural channel welded to the cross sills and Gusseted to each with seven (7) inch triangular steel gussets X YES NO

- X10.5 Is the floor constructed of 3/16 inch angular pattern tread plate and skip welded to cross Sills X YES NO

7.6 lb. per square foot X YES NO

Floor continuously welded to side and end rails on top side X YES NO

- X10.6 Is the full width heavy duty bulkhead constructed of a C12x25 channel and bulkhead continuously welded to front of bed and reinforced with triangular steel gussets?

 YES X NO

REMOVABLE BULKHEAD CONSTRUCTED OF 2" x 2" x 1/4" WALL TUBING

X10.7 Lights:

X10.7.1 Are there four (4) corner lights recessed in reinforced rear rail corners for maximum protection? x YES NO

X10.7.2 Are there four (4) identification lights recessed in the rear rail for protection from impact? x YES NO

X10.8 Under Body Tool Boxes:

X10.8.1 Are there two (2) under body tool boxes (one for each side) x YES NO

X10.8.2 24 inches high x 18 inches wide x 48 inches long? x YES NO

Mounted under the bed on each side? x YES NO

Are both boxes cradled by a heavy steel angle frame welded to truck frame?
BOLTED TO TRUCK FRAME x YES NO

X10.8.3 Tool box capacity: 500 lbs. each box.

X10.8.4 Under body tool boxes constructed of 14 gauge galvanized steel with all seams welded x YES NO

X10.8.5 Is there a horizontal hinged fold down door of 14 gauge steel, reinforced with double panels on each box YES x NO

DOUBLE PANEL DOORS WITH 18 GAUGE AND 20 GAUGE PANELS.
X10.8.6 Do the doors provide two (2) cables or chains to hold doors in horizontal position x YES NO

X10.8.7 Does each under body tool box have one (1) 14 gauge full length adjustable shelf x YES NO

X10.8.8 Does each under body tool box door have keyed latches (keyed alike), corrosion resistant hardware and automotive style weather stripping and a drip lip over door opening? x YES NO

X10.8.9 Are the under body tool box door openings 42 inches wide and 19 inches in height? x YES NO

X10.9 Is electric OSHA approved audible backup alarm provided? x YES NO

CRANE AND FLATBED

X11.0 Will the crane and flatbed be installed by the crane manufacturer, pretested at the factory and certified? x YES NO

ENTIRE CRANE

X12.0 Paint: Describe the method of painting and striping the entire crane

CRANE- EVERY COMPONENT EXCEPT FLATBED POWDER COATED WHITE

BOOM IS NOT COLOR CODED BUT NUMBERED TO IDENTIFY LENGTH

X13.0 The entire assembly and accessories comply with the "Occupational Safety and Health Act of 1970". x YES NO

X14.0 Preventive Maintenance and Operators Training:

Describe: INCLUDES CRANE OPERATION, ROUTINE MAINTENANCE

SAFETY PRECAUTIONS, SERVICE SCHEDULES, INSPECTIONS.

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: MATHENY MOTOR TRUCK COMPANY

Signed: _____

Signed:  _____

Title: _____

Title: SALES REPRESENTATIVE

Date: _____

Date: 12-19-06

AFFIDAVIT

West Virginia Code §5A-3-10a states:

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate

DEFINITIONS:

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

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

EXCEPTION:

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

LICENSING:

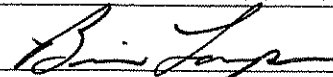
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

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

Vendor's Name: MATHENY MOTOR TRUCK COMPANY

Authorized Signature: 

Date: 12-19-06



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
707EC015

PAGE
1

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

*709035314 304-485-4410
MATHENY MOTOR TRUCK COMPANY
PO BOX 1304

PARKERSBURG WV 26102-1304

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

DATE PRINTED 12/04/2006	TERMS OF SALE PER BID REQUEST	SHIP VIA GROUND	F.O.B. BUCKHANNON, WV	FREIGHT TERMS PRE-PAID
BID OPENING DATE: 12/20/2006		BID OPENING TIME: 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	ADDENDUM NO. 1					
	CHANGES TO THE SPECIFICATIONS PER THE ATTACHED.					
	BID OPENING DATE AND TIME CHANGED					
	FROM: 12-06-06 AT 1:30 P.M.					
0001	TO: 12-20-06 AT 1:30 P.M.					
	NO OTHER CHANGES.					
	1	EA		765-13	171,561.00	171,561.00
	TRUCKED MOUNTED 18 TON CRANE					
***** THIS IS THE END OF RFQ 707EC015 ***** TOTAL:						171,561.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE 	TELEPHONE (304) 485-4418	DATE 12-19-06	
TITLE SALES REPRESENTATIVE	FEIN 55-0320770	ADDRESS CHANGES TO BE NOTED ABOVE	

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

ADDENDUM #1
707EC015

OPEN END CONTRACT

TRUCK MOUNTED 18 TON CRANE

CHANGES TO BIDDER'S EVALUATION REPORT:

X4.0 REPRESENTATIVE UNIT FOR TEST (1st Sentence)
No Change Required

X4.0 REPRESENTATIVE UNIT FOR TEST 2nd Sentence)
No Change Required

X4.2 DELIVERY (2nd Paragraph – 2nd Sentence)
No Change Required

X4.2 DELIVERY (3rd Paragraph)
No Change Required

FROM:

X8.1 Cab to Axle Dimensions: _____ Inches

TO:

X8.1 Cab to Axle Dimension: 177.6 Inches

Unobstructed on the sides and on the top of frame rails to accommodate outriggers, tool boxes, etc. _____ YES X NO

FROM:

X8.3 Frame: Does the frame meet or exceed all Federal requirements for GVWR specified
_____ YES _____ NO

TO:

X8.3 Does frame have extended front frame rails X YES _____ NO Size: 24 inches

Do they accommodate the front mounted stabilizer required for 360° operation
X YES _____ NO

Does the frame meet or exceed all Federal requirements for GVWR specified
X YES _____ NO

X8.10.1 No Change Required

Page 2
 ADDENDUM #1
 707EC015

FROM:
 X8.13 Fuel Tanks:

TO:
 X8.13 Fuel Tank(s):

FROM:
 X8.13.1 Dual steel non-skid step tanks mounted so as to provide maximum ground clearance and do not extend behind cab ☐ YES ☐ NO

TO:
 X8.13.1 Are tank(s) mounted so as to provide maximum ground clearance and shall not extend behind cab ☐ YES ☒ NO

Capacity: 100 U.S. gallons Number of tanks used: 1

DELETE:
 X8.13.2 Capacity: US talons each; total US gallons

DELETE:
 X8.13.3 Equalizer line connecting both tanks ☐ YES ☐ NO
 Drain valves one (1) each tank and line fittings mounted in a way to prevent or minimize any damage from dragging ☐ YES ☐ NO

FROM:
 X8.15 Cab and Accessories:
 Steel (☐) and/or fiberglass (☐) equipped with one piece tilt hood and fenders ☐ YES ☐ NO

TO:
 X8.15 Cab and Accessories:
 Manufacturers standard steel (☒) aluminum (☐) and/or fiberglass (☐)
 Equipped with one piece tilt hood and fenders ☒ YES ☐ NO
 Is grille stationary mounted to accommodate front stabilizer ☒ YES ☐ NO

Page 3
ADDENDUM #1
707EC015

FROM:

X8.15.5 Dual heated west coast adjustable mirrors ____ YES ____ NO with stainless steel or aluminum housing and brackets with eight (8) inch convex spot mirror ____ YES ____ NO
Manual adjustable left side, power adjustable right side from drivers position
____ YES ____ NO

TO:

X8.15.5 Mirrors: Dual heated west coast type adjustable x YES ____ NO

With stainless steel (____) aluminum (____) or composite (x) housing and brackets with eight (8) inch approximate convex spot mirror ____ YES x NO

Manual adjustable left side, power adjustable right side from drivers position
____ x YES ____ NO

FROM:

X8.15.10 Grab handles on right hand and left hand sides of cab, rear of door opening
____ YES ____ NO

TO:

X8.15.10 Grab handles on right and left hand sides of cab, easily accessible from the ground
____ x YES ____ NO

FROM:

X8.15.20 Rain gutters over each door ____ YES ____ NO

TO:

X8.15.20 Doors have rain gutters x YES ____ NO

X8.17 No Change Required

X9.4.4 No Change Required

ADDENDUM #1

707EC015

FROM:

X9.7 Winches: Two speed planetary driven, boom mounted with natural cable spooling
 _____ YES _____ NO

TO:

X9.7 Winches boom mounted with natural cable spooling x YES _____ NO

FROM:

X9.7.3 Winch line speeds, 3rd wrap, _____ fpm lower gear _____ fpm high gear

TO:

X9.7.3 Winch line speed 3rd wrap x YES _____ NO 147 f.p.m.

X9.7.4 No Change Required

X9.10.5 No Change Required

FROM:

X10.8.2 24 inches high x 18 inches wide x 48 inches long _____ YES _____ NO
 Mounted under the bed on each side? _____ YES _____ NO
 Are both boxes cradled by a heavy steel angle frame welded to truck frame?
 _____ YES _____ NO

TO:

X10.8.2 Size of each tool box 24 inches high x 18 inches wide x 48 inches long

Mounted under the bed on each side _____ YES x NO

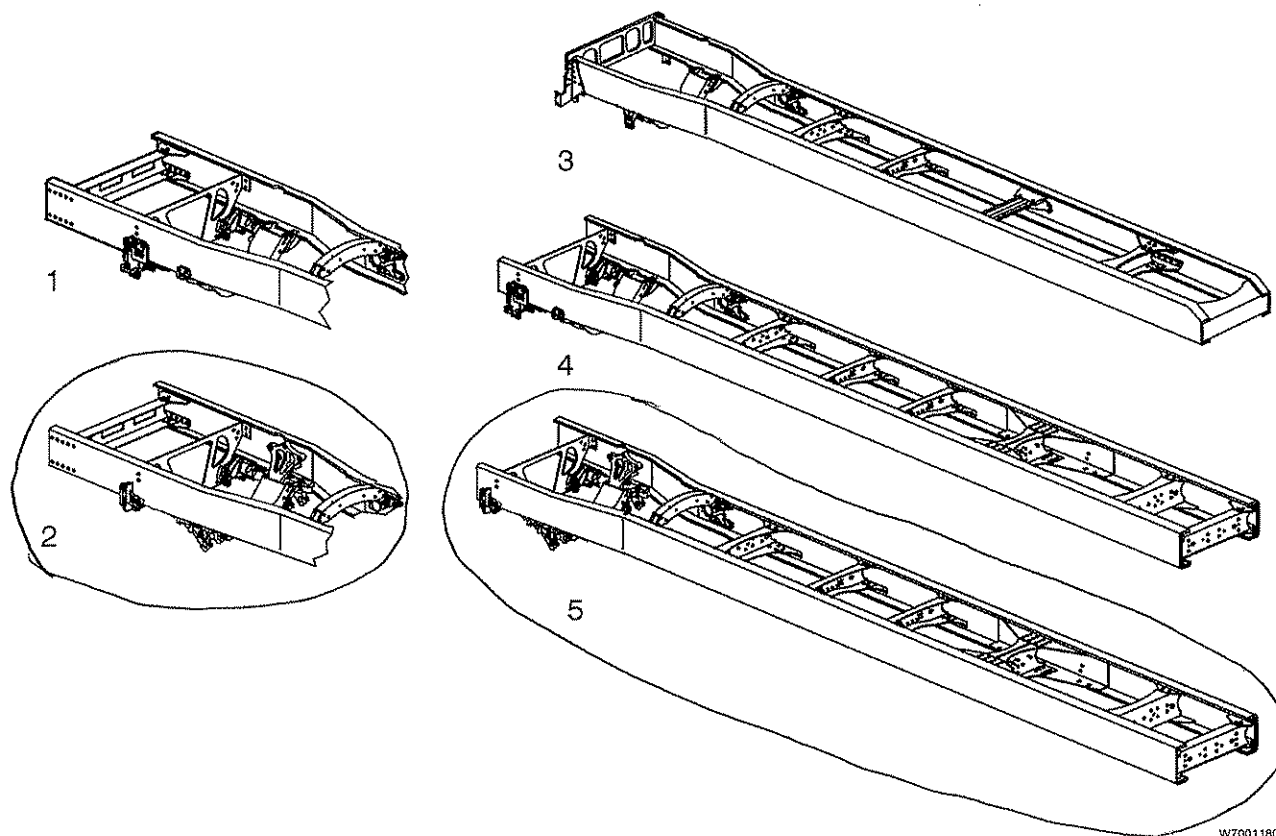
Are the boxes cradled by a heavy steel angle frame welded _____ or bolted x
 To the truck x YES _____ NO

Matheny Motor Truck Company Exceptions for West Virginia Bid # 707EC015

1. Section X8.13.1 – Fuel tank does extend behind the cab
2. Section X8.15.5 – Convex Mirror 5.9" x 5.3"
3. Section X8.19 - Can be supplied upon request

ALTEC EXCEPTIONS FOR WEST VIRGINIA BID # 707EC015

1. Section 9.1.5 – Turret uses 43.5 in. of truck frame behind cab
2. Section 9.2.2.4 – 43 foot boom length, Altec 3,900 lbs @ 40 foot radius
3. Section 9.2.3.5 – 70 foot boom length, Altec 1,800 lbs @ 60 foot radius
4. Section 9.2.3.6 – 70 foot boom length, Altec 1,500 lbs @ 65 foot radius
5. Section 9.6.2 – 370 degree rotation with mechanical stop
6. Section 9.8.3.4 – Lanyard attachments at center of platform yoke
7. Section 9.10.2 – Control station has 6" grab rail for entry
8. Section 9.10.3 – Grab handle at control console is 9 inches high x 8 inches deep
9. Section 9.13.3 - Personnel basket is 30 x 60 x 44.5 inches, gravity hung, hydraulic brake lock
10. Section 9.15.2 - Seven (7) ton capacity down haul hook
11. Section 10.8.5 – Altec toolbox doors are double panel, 18 gauge panel and 20 gauge panel
12. Section 12.3 – Altec boom is not color coded, but numbered for determining boom extension.



W7001180

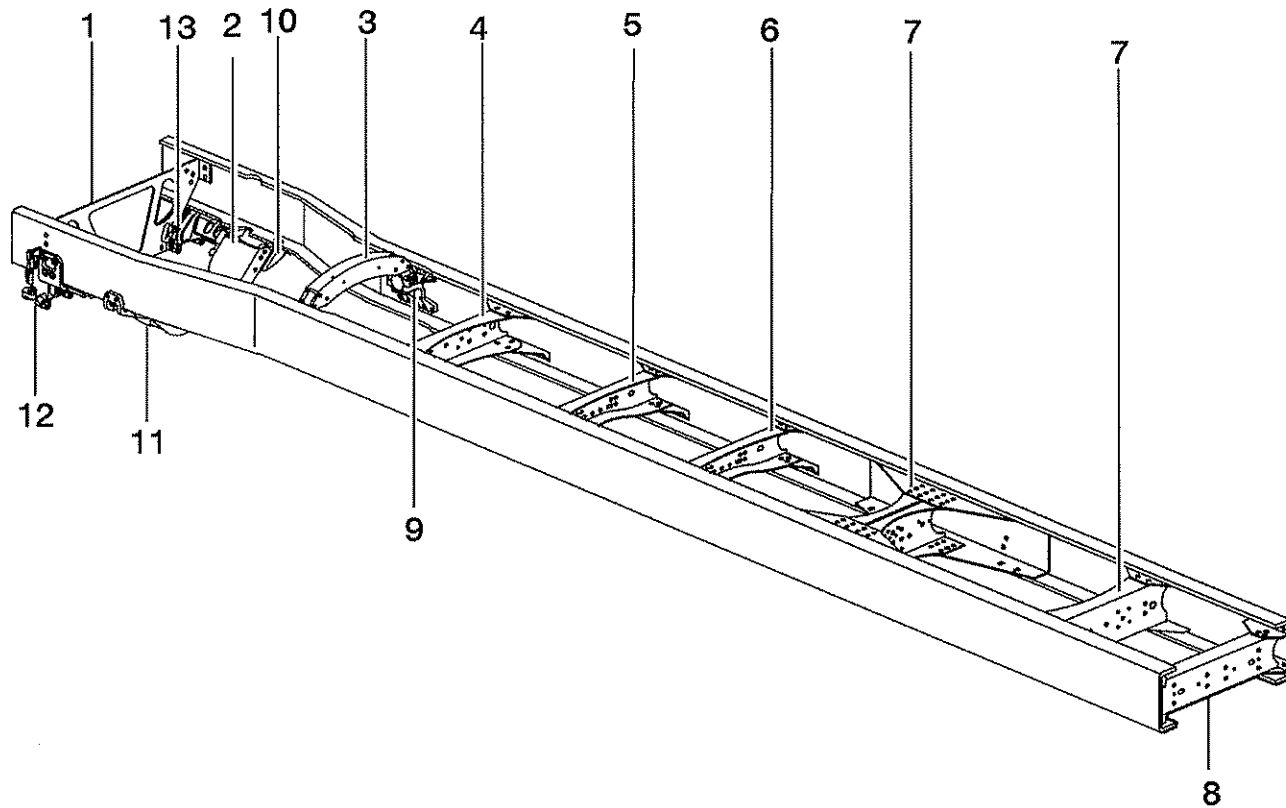
VN/VHD Frame rails with crossmembers:

- 1 Axle Forward with extension (VHD)
- 2 Axle Back with extension (VHD)
- 3 VN
- 4 Axle Forward (VHD)
- 5 Axle Back (VHD)

The frame consists of two steel side rails joined by several crossmembers. The frame for the VN/VHD series models is made in a variety of configurations to allow flexibility in adapting the frame for different transport requirements.

See the following design information:

- "Side Members" page 36
- "Crossmembers" page 39
- "Mountings and Brackets" page 46
- "Fasteners" page 47
- "Frame Material Behavior" page 48



W7001008

VHD Frame and Crossmember

- | | |
|--------|------------------------------|
| 1 | Front Crossmember |
| 2 | Front Engine Crossmember |
| 3 | Rear Engine Crossmember |
| 4 | Transmission Crossmember |
| 5 | Intermediate Crossmember |
| 6 | Front-of-Axle Crossmember |
| 7 | Rear Suspension Crossmembers |
| 8 | Closing Crossmember |
| 9 | Rear Engine Support Brackets |
| 10, 11 | Front Spring Hanger |
| 12, 13 | Bumper Mounting Bracket |

Frame Rail with Liners

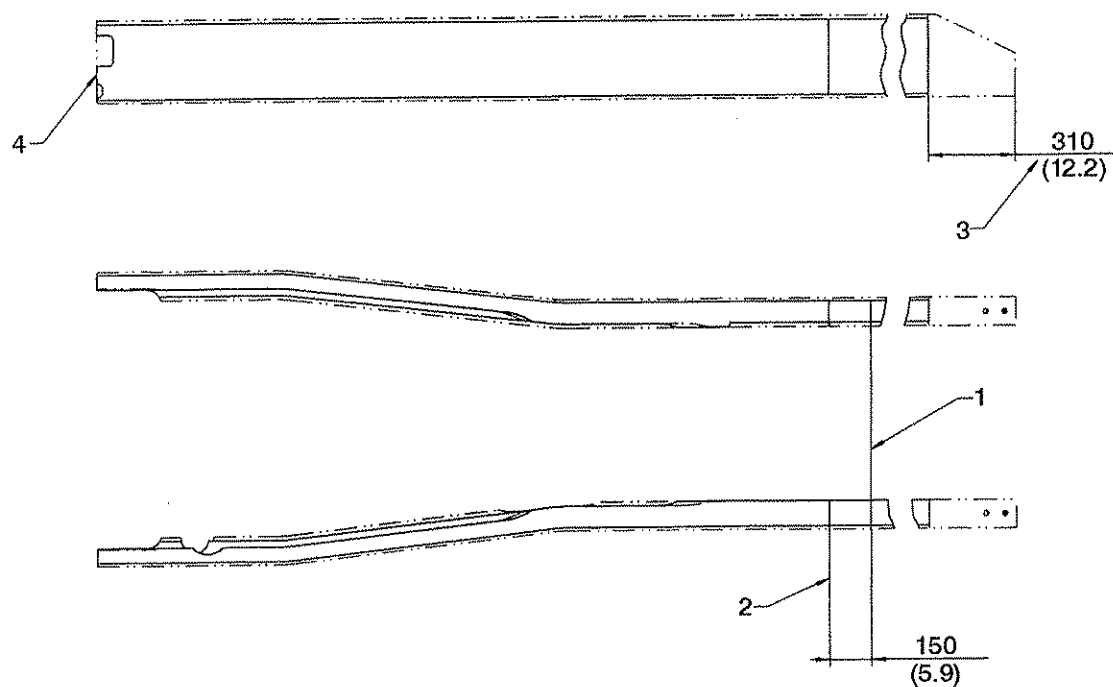
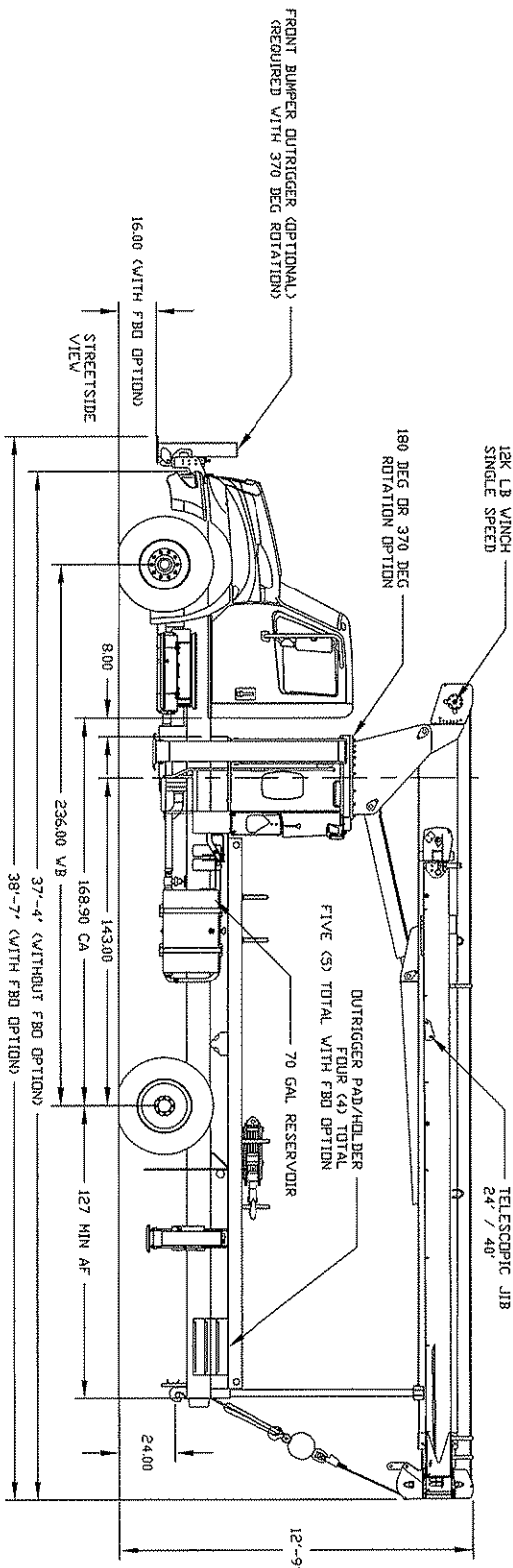
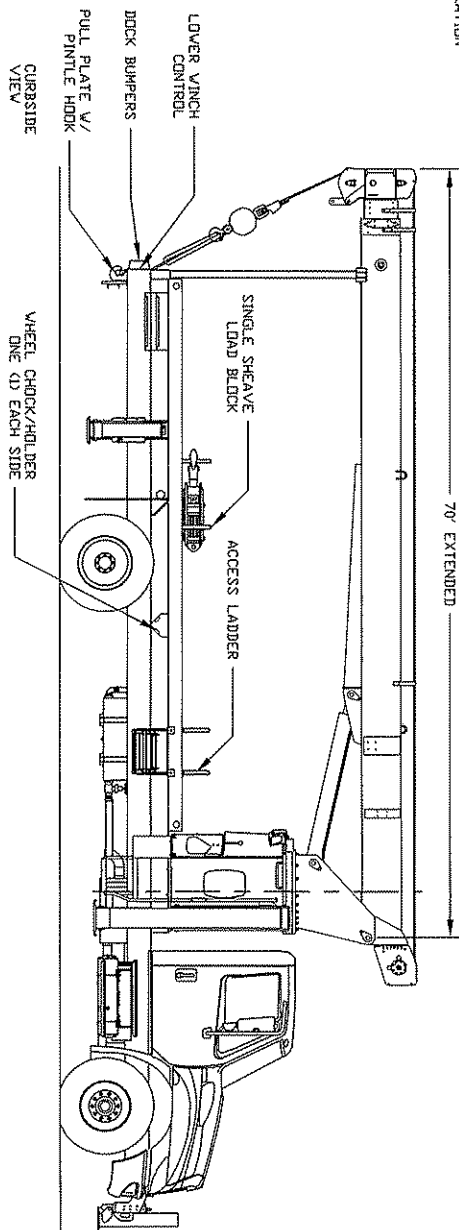


Fig. 1: Frame Rail Section Configurations with Liners

W7001159

- 1 Back of cab
- 2 Partial liners begin at XM 4375 or 150 mm (5.91 in.) forward of back of cab.
- 3 Liners for straight rails extend full length of frame. Tapered frames have liners that end 310 mm (12.2 in.) from the back end of frame allowing for taper.
- 4 Full-length liners extend to the front of frame regardless of front frame extension length.

- NOTES:
1. VERTICAL MEASUREMENTS ARE BASED ON 39° FRAME HEIGHT
 2. HORIZONTAL MEASUREMENTS ARE SPECIFIC TO CHASSIS CONFIGURATION



UNIT: AC18-708
 SUBBASE HEIGHT: —
 BODY CROSSMEMBERS: —
 FLATBED CROSSMEMBERS: —
 CHASSIS MAKER: INTERNATIONAL
 CHASSIS MODEL: 4300
 CHASSIS YEAR: 2007

APPROVAL PRINT STAMP
☐ APPROVED
☐ APPROVED AS NOTED
☐ NOT APPROVED, CHANGE AS NOTED, RESUBMIT FOR APPROVAL.
 NOTE: ANY CHANGES MAY AFFECT PRICE
 RETURN OF APPROVAL PRINT REQ'D BY: —
 BY: — DATE: —

SOLD TO: ALTEC STOCK
 SHIP TO: —
 W.O. NO.: 94—
 NOTES: DO NOT SCALE THIS DRAWING.
 REMOVE ALL SHARP CORNERS AND EDGES.

NOTICE: THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF ALTEC INDUSTRIES, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM ALTEC INDUSTRIES, INC. FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED.

DRAWN BY:	DESIGNED BY:	DATE:	SHEET:
Burns	Burns	04-00-00	1 OF 1

Altec INDUSTRIES, INC.

ALTEC AC18-708

ALTEC STOCK

REV	DESCRIPTION	DATE	BY

[illegible]

PREMIUM**VOLVO**

Volvo Trucks North America, Inc.

PREMIUM (PURCHASED) TRUCK COVERAGE CERTIFICATE

Volvo Trucks North America, Inc. warrants certain individual components of the new Volvo truck to be free from defects in material and workmanship under normal use and service up to the periods as specified, provided all Volvo Trucks North America, Inc. maintenance requirements found in the Operator's Manual and service manuals are followed. All coverage periods are calculated from date in service. All coverage is 100% for parts and labor except as noted.

LIMITATIONS AND EXCLUSIONS TO THIS COVERAGE APPEAR ON THE REVERSE SIDE OF THIS CERTIFICATE. THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD.

This coverage applies to **qualifying** VNL, VNM and VHD models manufactured by Volvo Trucks North America, Inc., operated in the United States and Canada and placed in service on or after **October 1, 2002**. Specific coverage is based on the application and weight class as described in the following chart:

	Premium NORMAL DUTY	Premium HEAVY DUTY
Typical Vocations	Line / Long Haul, Short Haul, or Pickup & Delivery	Construction, Refuse, Heavy Line Haul Fire or Rescue Service
Weight Class Qualifications	Vehicle must have GVWR ≤ 63,000 lbs. (≤ 28 metric tons) or GCWR ≤ 110,000 lbs. (≤ 50 metric tons)	Vehicle must have GVWR ≤ 80,000 lbs. (≤ 36 metric tons) or GCWR ≤ 143,000 lbs. (≤ 65 metric tons)
Truck / Tractor Models	VNL, VNM & VHD	VNL & VHD
Basic Coverage	36 months or 350,000 miles (563,000 km) or 9,000 operating hours	36 months or 250,000 miles (402,000 km) or 9,000 operating hours
Engine	Not covered under this certificate. See respective manufacturer's warranty certificate and paragraph 15 on the reverse side.	
Transmission, Driveline, Rear Axle, Front Non-Drive Steer Axle and Volvo Link	36 months or 350,000 miles (563,000 kilometers) or 9,000 operating hours, whichever occurs first. Covered Components are as follows: Manual Transmission – Transmission Assembly Driveline – Bearings, hangers and shafts Rear Axle – Differential carrier assembly and axle housing Front Non-Drive Steer Axle – Axle beam, steering knuckle, tie rod, and king pin less bushings Volvo Link – Electronic Control Unit Allison Automatic Transmissions are not covered under this warranty certificate. See paragraph 15 on the reverse side.	
Cab Structure	72 months or 1,000,000 miles (1,609,000 km) or 15,000 operating hours	60 months or 500,000 miles (805,000 km) or 12,500 operating hours
Internal Cab Corrosion	96 months or 1,000,000 miles (1,609,000 km) or 18,000 operating hours	72 months or 650,000 miles (1,050,000 km) or 15,000 operating hours
	Covered only where metal is perforated from the inside to the outside. See paragraph 14 on the reverse side.	
Frame Rail / Crossmembers	72 months or 750,000 miles (1,207,000 km) or 15,000 operating hours	60 months or 500,000 miles (805,000 km) or 12,500 operating hours
Noise Emission	LIFE OF VEHICLE: Volvo Trucks North America, Inc. warrants to the first purchaser of this vehicle for purposes other than resale, and to each subsequent purchaser, that this vehicle was designed, built and equipped to conform, at the time of sale to such first purchaser, with all applicable U.S. EPA noise control regulations. This warranty is not limited to any vehicle particular part, component, or system of the vehicle. Defects in the design, assembly or any part, component or system of the vehicle which at the time of sale to such first purchaser, caused noise emission levels to exceed Federal standards are covered by this warranty for the life of the vehicle. EXCLUSIONS: Failures which arise as a result of tampering rather than from defects in the design, assembly, or any part, components, or system of the vehicle are not covered by this warranty.	
Towing	6 months or 50,000 miles (80,000 kilometers), whichever occurs first. The reasonable cost of towing up to US\$450 per incident when a vehicle is inoperable or continued operation would result in additional vehicle damage due to a covered component within this basic coverage is included. See paragraph 21 on the reverse side for towing limitations.	

Volvo Trucks North America, Inc. reserves the right to make any changes in design, or to make additions to or upon its products, without incurring any obligations to install the same on commercial vehicles previously built.

THIS COVERAGE IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

"Premium (Purchased) Normal Duty Coverage" and "Premium (Purchased) Heavy Duty Coverage" are purchased coverage plans offered by Volvo Trucks North America, Inc. to purchasers of new USA manufactured Volvo vehicles that meet coverage qualifications and have the appropriate weight class and application. Premium coverage should be purchased at the time the vehicle order is placed with the dealer. Premium coverage may be purchased within six (6) months after the Date In Service, but an aftermarket surcharge will apply. (An authorized demonstrator truck, approved by Volvo Trucks North America, Inc., may qualify for Premium (Purchased) Coverage for the first retail customer up to six (6) months from the retail Date In Service.) Volvo Trucks North America, Inc. reserves the right to alter or terminate the Premium (Purchased) Coverage Program at any time at its discretion without notice. Such alteration or termination will not affect vehicles covered under this certificate prior to the alteration or termination.

**THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT
AND MUST BE READ AND UNDERSTOOD.**

LIMITATIONS – Volvo Trucks North America, Inc.'s obligation is limited to, at its option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Volvo Trucks North America, Inc. Covered repairs performed by the dealer's shop in accordance with the terms of the coverage set forth herein are free of charge. Covered repairs do not constitute an extension of the original warranty period for the vehicle or any part thereof. Coverage consideration can only be given if the deficiency is brought to the attention of an authorized Volvo Truck dealer immediately upon discovery during the coverage period.

**NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL,
INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.**

EXCLUSIONS:

1. **REPAIR:** Coverage consideration can only be given if the deficiency is brought to the attention of an authorized Volvo Truck dealer upon discovery and the truck must be made available, in a timely fashion during the coverage period, for repair. Failures resulting from the user's unreasonable delay in making the truck available, after being notified of a potential product problem, are not covered.
2. **REPEAT REPAIRS:** The term "repeat repair" only refers to the repair or replacement of the exact same part or component more than once. Repair or replacements of different components within the same system does not constitute a repeated repair.
3. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, alterations, storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance services are not covered. Damages due to failure to follow Volvo Trucks North America, Inc. service procedures are considered damages due to improper maintenance services.
4. **APPLICATION:** The responsibility of determining the correct application and/or specification for a vehicle sold to a customer belongs at the selling location. Vehicle application problems, including but not limited to, replacement of incorrect axle or transmission gear ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a vehicle for a purpose of which it was not intended are not covered.
5. **ENVIRONMENTAL DAMAGE:** Parts made out of cloth, leather, wood, rubber, synthetics, paint or chrome which have been effected by exposure to the elements or chemical influence including, but not limited to road salts, industrial fall-out or the use of improper cleaners, polishes, and or waxes are not covered.
6. **GLASS:** Glass breakage and scratches are not covered unless positive physical proof of manufacturing responsibility is established.
7. **SUSPENSION PARTS:** Suspension parts, including, but not limited to, rubber bushings, torque rod bushings, spring pins and bushings, all grease lubricated points that fail due to improper maintenance, abnormally severe service or abuse are not covered.
8. **ALTERATIONS:** Any vehicle repaired and/ or altered in any way so as to adversely effect, in Volvo Trucks North America, Inc.'s sole judgment, its stability or reliability, is not covered.
9. **OPTIONAL EQUIPMENT:** Any part of the truck which fails, malfunctions or does not perform as a result of improper conversion or installation of special bodies or equipment by other manufacturers or suppliers is not covered.
10. **MAINTENANCE AND PARTS CONSUMED ("Consumables"):** Normal maintenance services including, but not limited to, replacement of oil filters, adjustments of the engine injection pump / transmission / brakes / linkages, as well as diagnosis, test time and all other adjustments, are not covered. Parts which are normally consumed or worn out during the vehicle's usual service life and customarily replaced during usual maintenance service are not covered or have limited coverage. These parts include, but are not limited to, the following:
NOT COVERED - Brake linings, clutch brake, clutch linings, mud flaps and brackets.
COVERED FOR 30 DAYS - Fluorescent lights or ballast, light bulbs, fuses, wiper blades and all filters (oil, fuel, air, etc.).
COVERED FOR 90 DAYS - Loose fasteners, leaking fittings or hose clamps.
COVERED FOR 12 MONTHS, OR 100,000 MILES (161,000 KM) OR 3,250 OPERATING HOURS, WHICHEVER OCCURS FIRST - Cab suspension on models used in heavy duty applications, batteries, frame paint, sealed light assemblies, exhaust flex pipe, hose clamps, all rubber/nylon bushings or mounts, flexible hoses, all belts, shock absorbers (leakage only), wheel seals, and all grease lubricated points (tie rods, king-pins, u-joints, spring pins).
11. **ALIGNMENT:** Alignment of axle(s) and balancing of tires, including changing of axle camber, caster, toe and thrust angle settings are not covered.
12. **NON-GENUINE PARTS:** Any vehicle which has been repaired by use of parts and accessories, as well as major assemblies and exchange units, which are substandard and which cause a vehicle component or system to fail are not covered.
13. **TIRES:** Tires and tubes are covered by separate warranties given by their respective manufacturers.
14. **CAB STRUCTURE AND CORROSION:** Cab structural defects or cab corrosion that occurs in areas of the cab that have been previously damaged, repaired, altered or modified are not covered. Cab corrosion where metal is perforated from the outside to the inside is not covered.
15. **ENGINES AND AUTOMATIC TRANSMISSIONS:** The engines and Allison automatic transmissions used in Volvo trucks are warranted by their respective manufacturers. Refer to the engine and transmission manufacturers' warranty statements.
16. **ODOMETER READING:** Any vehicle in which the odometer has been disconnected or the mileage reading has been altered and the actual mileage cannot be readily determined is not covered. The user must allow Volvo Trucks North America, Inc. full access to all electronic data stored in all Electronic Control Modules; failure to do so may result in the loss of Premium (Purchased) Coverage.
17. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
18. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to installation of equipment or body by the customer is not covered except in the event the dealer sells the complete chassis and body as a package.
19. **MISC. EXPENSE:** Road service, towing, meals, lodging, telephone calls, travel time, loss of cargo, downtime, loss of revenue, rental vehicles, or driver's wages are not covered. Shop supplies, lube oil, lubricants, sealers, anti-freeze, filter elements and labor performed by a non-approved location are not covered.
20. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Volvo Trucks North America, Inc. are not covered. Volvo Truck factory manufacturing records will determine Volvo Trucks North America, Inc. installations.
21. **TOWING:** Towing charges that exceed US\$450.00 or are for more than a single tow per incident to the nearest authorized Volvo Truck service center are not covered. Towing charges due to a failure of a non-covered component and towing charges as the result of an accident are not covered. Towing coverage is limited to covered vehicles that are accessible from a MAJOR paved highway.
22. **APPLICATION CHANGE OR CHANGE OF OWNERSHIP:** If at any time during the term of the coverage there is a change in the application of the vehicle or a change in ownership, the owner must notify Volvo Trucks North America, Inc., Post Office Box 26115, Greensboro, NC 27402-6115 in writing and within 30 days of date of the change. Failure to provide such timely notice may result in the coverage becoming null and void. If the change in ownership is accepted by Volvo Trucks North America, Inc., and/or the change in application does not affect coverage, Volvo Trucks North America, Inc. will transfer any remaining applicable portion of the Premium (Purchased) Truck Coverage to the new owner or, for the new application.

**Volvo Trucks North America, Inc.
Post Office Box 26115
Greensboro, NC 27402-6115**



STANDARD VOLVO ENGINE WARRANTY CERTIFICATE

Volvo Trucks North America, Inc. warrants certain individual components of each new Volvo engine in a new Volvo truck to be free from defects in material and workmanship under normal use and service up to the periods specified, provided all Volvo Trucks North America, Inc. maintenance requirements are followed. See your local authorized Volvo Truck Dealer for recommended maintenance procedures. All warranty periods are calculated from the date in service of the vehicle. All coverage is 100% for parts and labor subject to the qualifications and limitations as noted.

SEE REVERSE SIDE FOR IMPORTANT LIMITATIONS AND EXCLUSIONS.

Standard Volvo Engine Components Coverage: 24 months, or 250,000 miles (402,000 kilometers), or 6,250 engine hours, whichever occurs first, unless otherwise noted.

Major Components Coverage: 60 months, or 500,000 miles (805,000 kilometers), or 12,500 engine hours, whichever occurs first.

Emission Components Coverage: 60 months, or 250,000 miles (402,000 kilometers), or 6,250 engine hours, whichever occurs first.

EMISSION COMPONENTS: 60 Months or 250,000 Miles (402,000 Kilometers) or 6,250 Hours				
MAJOR COMPONENTS: 60 Months or 500,000 Miles (805,000 Kilometers) or 12,500 Hours				
STANDARD COMPONENTS: 24 Months or 250,000 Miles (402,000 Kilometers) or 6,250 Hours				
Covered Components	Qualifications & Limitations	Standard Components	Major Components	Emissions Components
Accessory drive gears	Air compressor & steering pump gears	Parts & Labor		
Accessory drive unit		Parts & Labor		
Bearings, all camshaft		Parts & Labor		
Bearings, all mains		Parts & Labor		
Bearings, all rods		Parts & Labor		
Bearings, all timing gears		Parts & Labor		
Belt tensioner		Parts & Labor		
Camshaft, caps & bolts		Parts & Labor	Parts & Labor	
Catalytic converter (D12D-465 only)		Parts & Labor		Parts & Labor
Connecting rods, caps & bolts		Parts & Labor	Parts & Labor	
Crankshaft, main caps & bolts		Parts & Labor	Parts & Labor	
Cylinder head casting & bolts		Parts & Labor	Parts & Labor	
Cylinder head gasket	Oil plug or coolant leakage only	Parts & Labor		
ECU (Engine control unit)		Parts & Labor		Parts & Labor
EGR: cooler & coolant pipes, control valves, exhaust gas pipes, hoses, clamps, fittings & tubes, mixing chamber, reed valve, ambient temperature sensor, temperature sensor		Parts & Labor		Parts & Labor
Electrical EA harness supplied with engine		Parts & Labor		Parts & Labor
Engine block casting		Parts & Labor	Parts & Labor	
Engine brake mechanism (VEB)	Control valve & rocker arms	Parts & Labor		
EPG control valve		Parts & Labor		Parts & Labor
EPG regulator		Parts & Labor		Parts & Labor
Exhaust manifold casting		Parts & Labor	Parts & Labor	
Exhaust manifold & sealing rings	Exhaust gaskets covered for 12 months only	Parts & Labor		
Flywheel & bolts		Parts & Labor		
Fuel injector sleeves	Seals included	Parts & Labor		Parts & Labor
Fuel injectors		Parts & Labor		
Fuel transfer pump		Parts & Labor		
Gaskets & silicon sealant		Parts & Labor		
Intake manifold casting		Parts & Labor	Parts & Labor	
Oil cooler, engine	Engine oil cooler	Parts & Labor		
Oil cooler housing		Parts & Labor	Parts & Labor	
Oil pan		Parts & Labor		
Oil pump		Parts & Labor		
Oil seal, rear crank		Parts & Labor		
Pistons, rings & liners	Wearout NOT covered	Parts & Labor		
Pre-heater	Factory installed only	Parts & Labor		
PTO drive	Factory installed only	Parts & Labor		
Ring gear	Broken teeth with Volvo Engine standard offerings only. Optional equipment (Delco) is not included	Parts & Labor		
Rocker arm assembly	Intake & exhaust rockers including VEB rocker, injector rocker, rocker shaft (rollers not covered)	Parts & Labor		
Sensor, cam speed		Parts & Labor		Parts & Labor
Sensor, coolant temperature		Parts & Labor		Parts & Labor
Sensor, crankshaft speed		Parts & Labor		Parts & Labor
Sensor, fuel pressure & temperature		Parts & Labor		
Sensor, engine oil pressure & temperature		Parts & Labor		
Sensor, turbo boost pressure & temperature		Parts & Labor		Parts & Labor
Shutter housing, EPG		Parts & Labor	Parts & Labor	
Spacer plate, turbocharger (metal gasket)		Parts & Labor		Parts & Labor
Starter motor	Volvo Engine standard gear reduction only. Optional equipment (such as Delco) is not included	Parts & Labor		
Thermostat housing		Parts & Labor	Parts & Labor	
Timing gear cover		Parts & Labor	Parts & Labor	
Timing gears		Parts & Labor		
Towing	Covered 24 months or 250,000 miles (402,000 kilometers) or 3,600 hours	Parts & Labor		
Turbocharger		Parts & Labor		
Valve assembly		Parts & Labor		
Valve cover		Parts & Labor		
Vibration damper & bolts		Parts & Labor		
Water pump assembly		Parts & Labor		
Water pump housing		Parts & Labor	Parts & Labor	

Emission Control System Warranty

Engine emission controls manufactured by Volvo Trucks North America, Inc. are warranted to 60 months or 250,000 miles (402,000 kilometers) or 6,250 engine hours, whichever occurs first. Vehicles sold for use in California must have the Operator's Manual in the vehicle for a copy of the California Emission System Warranty.

LIMITATIONS AND EXCLUSIONS TO THIS WARRANTY APPEAR BELOW.

This warranty applies to new Volvo engines in new Volvo trucks operated in the United States, Canada and Mexico and placed in service on or after **October 1, 2002**. Volvo Trucks North America, Inc. reserves the right to make any changes in design, or make additions to or upon its products, without incurring any obligations to install the same changes on commercial vehicles previously built.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS OR CONDITIONS, STATUTORY OR OTHERWISE, EXPRESSED OR IMPLIED INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THESE LIMITATIONS AND EXCLUSIONS ARE IMPORTANT AND MUST BE READ AND UNDERSTOOD

LIMITATIONS: Volvo Trucks North America, Inc.'s obligation is limited to, at its option, repair or replacement of parts which are acknowledged by it to be defective. In the case of acknowledged defective assemblies, exchange with factory rebuilt units may occur. The defective parts or assemblies replaced shall become the property of Volvo Trucks North America, Inc. Warranty repairs performed by the dealer's shop in accordance with the terms of the warranty set forth herein are free of charge. Warranty repairs do not constitute an extension of the original warranty period for the engine or any part thereof. Warranty consideration will only be given if the deficiency is brought to the attention of an authorized Volvo Truck dealer immediately upon discovery during the warranty period.

NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL EXPENSES OR DAMAGES OF ANY KIND.

Exclusions:

1. **REPAIR:** Warranty consideration can only be given if the deficiency is brought to the attention of an authorized Volvo Truck dealer upon discovery and the engine must be made available, in a timely fashion during the warranty period, for repair. Failures resulting from the user's unreasonable delay in making the engine available after being notified of a potential product problem, are not covered.
2. **REPEAT REPAIRS:** The term "repeat repair" only refers to the repair or replacement of the exact same part or component more than once. Repair or replacements of different components within the same system does not constitute a repeated repair.
3. **DAMAGES:** Damages due to accidents, misuse, negligence, improper operations, improper storage or transport, operation at excessive speeds, loading beyond the factory rated load capacity, and improper or insufficient maintenance service are not covered. Damages due to failure to follow Volvo Trucks North America, Inc. service procedures are considered damages due to improper maintenance services.
4. **PROGRESSIVE DAMAGE:** Damages due to failure of operator to take reasonable precautions to mitigate damage are not covered. Damages to covered part due to failure of non-covered part are not covered. Coverage is limited to failure of covered part directly causing failure of non-covered part, where operator took reasonable precautions to mitigate damages.
5. **APPLICATION:** The responsibility of supplying the correct application or specification information for a vehicle sold to the customer belongs at the selling location. Engine application problems, including but not limited to, replacement of incorrect axle or transmission ratios, failures of component parts of vehicles being operated in excess of factory rated load capacities, or the use of a engine for a purpose for which it was not intended are not covered.
6. **ELECTRICAL AND AIR SYSTEM COMPONENTS:** Any electrical or air system components, unless specifically stated, are not covered by this certificate. Some components may be covered by Volvo Trucks North America, Inc.'s Standard Truck Warranty Certificate. The user must allow Volvo Trucks North America, Inc. full access to all electronic data stored in all of the Electronic Control Modules. Failure to do so may result in loss of warranty coverage.
7. **FUEL INJECTORS:** Repair or replacement of fuel injectors after 24 months, 250,000 miles (402,000 km), or 6,250 engine hours must be mechanical in nature and not from erosion caused by fuel quality.
8. **ALTERATIONS:** Any engine repaired and/or altered in any way so as to adversely effect, in Volvo Trucks North America, Inc.'s sole judgment, its stability or reliability, is not covered. This includes software alterations.
9. **OPTIONAL EQUIPMENT:** Any part of the engine that fails, malfunctions, or does not perform as a result of the improper conversion or installation of special bodies or is not covered.
10. **MAINTENANCE:** Normal maintenance services including, but not limited to, replacement of oil and filters, adjustments to the engine, injection pump, as well as all adjustments, diagnosis and test time are not covered.
11. **PERFORMANCE COMPLAINTS:** Performance complaints are not covered (for example, low power and poor fuel economy) unless caused by the failure of a qualified part.
12. **OIL CONSUMPTION:** Before a claim for excessive oil consumption will be considered, the owner must provide proof that all recommended maintenance has been performed and submit adequate documentation to show that oil consumption exceeds Volvo Trucks North America, Inc. published standards. Under no circumstances will Volvo Trucks North America, Inc. pay for excessive oil consumption after 36 months, 300,000 miles (483,000 km), or 10,800 engine hours.
13. **WEAROUT:** Volvo Trucks North America, Inc. does not cover normal wear of covered parts. Cylinder liner, piston and piston rings failures attributable to wear are specifically excluded from this warranty. The wear rate of parts in any engine, and especially those parts within the combustion area, will vary depending upon operating conditions and environment. Conditions, such as load, trailer configuration, road speed and road conditions, as well as the quality of fuel, lubrication oil, and all filters bear a direct relationship to the wear rate and resulting life of parts. Depending upon the severity of these various conditions, parts wear and resulting failure could occur within the time limit of the coverage.
14. **PARTS CONSUMED ("Consumables"):** Parts which are normally consumed or worn out during the engine's normal service life and customarily replaced during usual maintenance service including but not limited to filters are not covered after the first 30 days from the in-service date.
15. **NON-GENUINE PARTS:** Any engine which has been repaired by the use of parts and accessories, as well as major assemblies and exchange units, which are substandard to genuine Volvo replacement parts and which cause an engine component or system to fail is not covered.
16. **ODOMETER READING:** Any engine in a vehicle in which the odometer has been disconnected or the mileage reading has been altered and the engine's actual mileage cannot be readily determined is not covered. The user must allow Volvo Trucks North America, Inc. full access to all electronic data stored in all of the Electronic Control Modules. Failure to do so may result in the loss of warranty coverage.
17. **PREMIUM LABOR:** Labor for overtime and/or shift differential is not covered.
18. **EXCESSIVE LABOR:** Excessive labor for a warrantable repair due to installation of equipment or body by the customer is not covered except in the event the dealer sells the complete chassis and body as a package.
19. **MISC. EXPENSE:** Road service, meals, lodging, telephone calls, travel time, loss of cargo, downtime, rental vehicles, shop supplies, lubricants, sealers, anti-freeze, filter elements, and labor performed by a non-approved location are not covered.
20. **ADDITIONAL COMPONENTS:** Components or parts that are not installed by Volvo Trucks North America, Inc. are not covered. Volvo Truck factory manufacturing records will determine Volvo Trucks North America, Inc. installations.
21. **TOWING:** The reasonable cost of towing is included when a vehicle is inoperable or continued operation would result in additional component damage due to a defective component listed in the Standard Coverage section above. Towing charges due to a failure of a non-covered component and towing charges as the result of an accident are not covered. Towing coverage is limited a single tow per incident to the nearest authorized Volvo Truck service center and or limited to covered vehicles that are accessible from a MAJOR paved highway.

Volvo Trucks North America, Inc., Post Office Box 26115, Greensboro, North Carolina 27402-6115

Limited Warranty

Products designed and manufactured by Altec Industries, Inc. are warranted to be free from defects in material and workmanship at the time of initial delivery subject to the following provisions:

For one (1) year following initial delivery of the product, Altec will, at its option, repair or replace any part found by Altec to be defective in material or workmanship at the time of initial delivery. During the first ninety (90) days following initial delivery, no charge for parts, labor or travel to the customer's location shall be made for such repair or replacement at the customer's location. During the remainder of such one (1) year, no charge for parts or labor shall be made for such repair or replacement at an Altec service facility.

For three (3) years, or so long as the initial purchaser owns the product, which ever is shorter, Altec will, at its option, repair or replace any of the following major components found by Altec to be structurally impaired due to defects in material or workmanship which existed at the time of initial delivery: booms, hydraulic cylinder structures, outrigger weldments, pedestals, subbases, and turntables. No charge for parts or labor shall be made for such repair or replacement when performed at an Altec service facility. The limited warranty in this paragraph (2) does not cover wear components.

This limited warranty does not cover: (a) products which have not been operated and maintained in accordance with Altec operators and maintenance manuals, programs and bulletins; (b) products which have not been mounted in accordance with Altec installation procedures; (c) products not manufactured by Altec which are supplied by Altec on special order; (d) products which are repaired without using original Altec parts; or (e) transportation or delivery to an Altec service facility or the customer's location.

This limited warranty is expressly in lieu of any other warranties, express or implied, including, but not limited to, any warranty of merchantability or fitness for a particular purpose. Except as specified above, no associate, agent or representative of Altec is authorized to extend any warranty on Altec's behalf. Remedies under this limited warranty are expressly limited to the provision and installation of parts and labor, as specified above, and any claims for other loss or damages of any type (including, but not limited to, loss from failure of the product to operate for any period of time, other economic or moral loss, or direct, immediate, special, indirect, incidental or consequential damage) are expressly excluded.

Matheny Motor Truck Company
3rd and Ann Sts.
Parkersburg, WV 26102

Worldwide Equipment Inc.
5650 US Route 60
Huntington, WV 25705

Worldwide Equipment Inc. Princeton Division
I-77 & US 460
Princeton, WV 24740

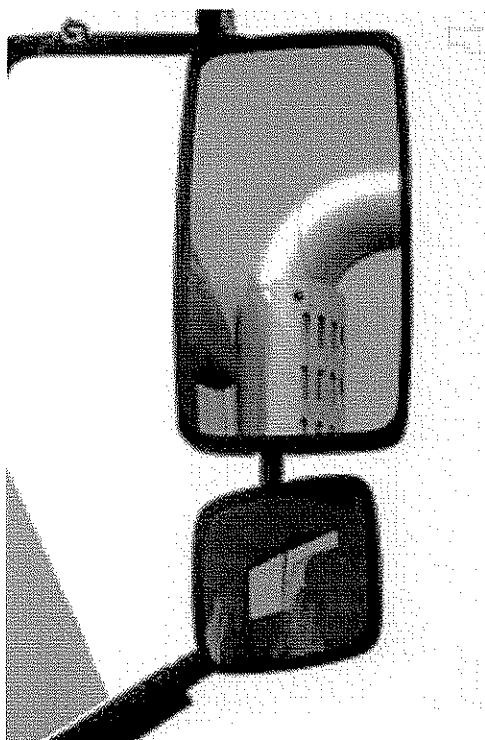
Volvo and GMC Trucks of Charleston
3100 MacCorkle Ave. SW
South Charleston, WV 25303

Wheeling Truck Center
Wheeling Tuck Ctr.
Wheeling, WV 26003

Volvo Trucks North America

PRODUCT INFORMATION

3F-51	BLACK VOCATIONAL MIRRORS
Affected:	ALL MODELS
Related:	3F-50 Black Aerodynamic Mirrors
Restrictions:	None



Mirror Manufactured By Raydyot Corp.

Upper Mirror Is 14.5X5.9 Glass Area

Lower Mirror Is 5.9X5.3 Glass Area

Volvo Trucks North America

PRODUCT INFORMATION

093-553 315/80R22.5L Bridgestone M860 (20000 lbs. GAWR)

Affects: All Models

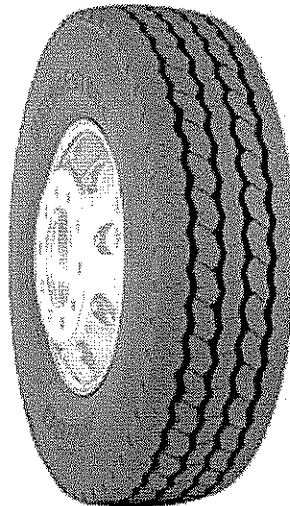
Related: Vehicle Model and Application
Rim/Wheel Package Front (084)
Front Axle Package (370)

Restrictions: None

M860

Application guidelines:

An all-position radial tire designed for steering positions in refuse hauling, high scrub and special service applications.



Sidewall protector ribs enhance casing protection by fighting curbing damage and abrasion.

Deep 24/32" tread depth provides long original mileage.

Stone rejectors in center grooves combat stone retention and enhance casing durability.

Tough tread compound resists cuts, chips, chunks and tears.

Maximized tread width for enhanced handling and long tread life.

Speed rating of 65 mph allows higher sustained speed for on-highway driving.

Available sizes and technical data

Tire Size	Article Number	Load Rng.	Ply Rating	Meas. Rim	Tread Depth	Weight	Overall Diameter	Overall Width	Overall Width [loaded]	Static Loaded Radius	Revs Per Mile	Load Limit Single	Load Limit Dual	Max. Speed
					32nds/mm	lbs/kg	in/mm	in/mm	in/mm	in/mm	rpm/rpk	lbs@psi/kg@kpa		mph/kph
315/80R22.5	186-301	L	20	9.00	24	163	42.8	12.6	13.9	19.9	485	10000@130	9090@130	65
metric:					19	73.9	1087	320	353	505	301	4535@900	4125@900	104

Volvo Trucks North America

PRODUCT INFORMATION

094-294 11R22.5H Bridgestone M840 (24020 lbs. GAWR)

Affects: All Models

Related: Vehicle Model and Application
Rim/Wheel Package Front (084)
Front Axle Package (370)

Restrictions: None

M840

Ideal application:
On/Off Highway

Compares to:
Goodyear G286
Michelin XZY



Deep tread for sure control and long tread life.

Aggressive tread patterns for solid traction on and off the road

Super-tough tread compounds resist cuts, chips, chunks and tears.

Combination rib/lug pattern for solid grip on steer, drive and trailer axles.

Available sizes and technical data

Tire Size	Article Number	Load Rng.	Ply Rating	Meas. Rim	Tread Depth	Weight	Overall Diameter	Overall Width	Overall Width [loaded]	Static Loaded Radius	Revs Per Mile	Load Limit Single	Load Limit Dual	Max. Speed
					32nds/mm	lbs/kg	in/mm	in/mm	in/mm	in/mm	rpm/rpk	lbs@psi/kg@kpa		mph/kph
11R22.5	292915	H	16	8.25	21	134.0	42.2	11.2	12.3	19.6	492.0	6610@120	6005@120	65
				metric:	17	60.8	1072	284	312	498	306	3000@830	2725@830	104
275/70R22.5	202451	J	18	8.25	22	-	38.4	10.8	11.8	17.8	541.0	6940@120	6395@120	65
				metric:	17	-	975	274	300	452	336	-	2900@830	104
12.00R24	152994	J	18	8.5	23	186.0	48.1	12.1	13.2	22.2	432.0	9370@120	8540@120	65
				metric:	18	84.4	1222	307	335	564	268	4250@830	3875@830	104