



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
7011EC16

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
BUYER 33
304-558-2402

PROPERTY

RFQ COPY
 TYPE NAME/ADDRESS HERE
C.I. WALKER MACHINERY Co.
P.O. Box 2427
CHARLESTON, WV 25329

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	FOB	FREIGHT TERMS
01/19/2011				

BID OPENING DATE: **03/24/2011** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		760-44	\$96,544	\$96,544
<p>4 WHEEL DRIVE, RUBBER TIRED, ENLOADER</p> <p>REQUEST FOR QUOTATION (RFQ) OPEN END CONTRACT</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF HIGHWAYS, IS SOLICITING BIDS FOR AN OPEN END CONTRACT TO PROVIDE 4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER (TRANSMISSION WITH TORQUE CONVERTER), PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO SHERI SLONE IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-2596, OR VIA EMAIL AT SHERI.D.SLONE@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 02/28/2011 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM TO BE ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p>MANDATORY PRE-BID A MANDATORY PRE-BID WILL BE HELD ON THURSDAY 03/10/2011 AT 10 AM IN 2019 WASHINGTON ST E CHARLESTON, WV 25305 ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS</p>						



SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: (304) 543-5406 DATE: 3/23/11

TITLE: SALES REPRESENTATIVE FEIN: 55-0352647 ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

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



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 304-558-2402**

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SUPPLIER

**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
01/19/2011				

BID OPENING DATE: **03/24/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY REPRESENT MORE THAN ONE BIDDER.</p> <p>AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATORY PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER-S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.</p> <p>ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID, BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.</p> <p>EXHIBIT 10</p> <p>REQUISITION NO.: 7011EC16</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 543-5406	DATE 3/23/11
TITLE SALES REP.	FEIN 55-0352647	ADDRESS CHANGES TO BE NOTED ABOVE

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



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<p>ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NO.'S:</p> <p>NO. 1 ✓</p> <p>NO. 2</p> <p>NO. 3</p> <p>NO. 4</p> <p>NO. 5</p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>..... <i>M. J. Conner</i> SIGNATURE</p> <p>..... C.I. WALKER MACHINERY Co. COMPANY</p> <p>..... 3/23/11 DATE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>M. J. Conner</i>	TELEPHONE (304) 543-5406	DATE 3/23/11
TITLE SALES REP	FEN 55-0352647	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p>EXHIBIT 2</p> <p>LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON UPON AWARD 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 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>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Mast...</i>	TELEPHONE (304) 543-5406	DATE 3/23/11
TITLE Sales Rep.	FEIN 55-0352647	ADDRESS CHANGES TO BE NOTED ABOVE

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PROPERTY

SHIP TO

DIVISION OF HIGHWAYS
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<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, WHETHER MORE OR LESS THAN THE QUANTITIES SHOWN.</p> <p>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.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FUTHER ORDER.</p> <p>REV. 5/2009</p> <p>EXHIBIT 4</p>						

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SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 543-5406	DATE 3/23/11
TITLE Sales Rep	FEB 55-0352647	ADDRESS CHANGES TO BE NOTED ABOVE

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DIVISION OF HIGHWAYS
EQUIPMENT DIVISION
ROUTE 33
BRUSHY FORK ROAD
BUCKHANNON, WV
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<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 style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">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: SHERI SLONE - FILE 33</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 543-5406	DATE 3/23/11
TITLE SALES REP	FERN 55-0852647	ADDRESS CHANGES TO BE NOTED ABOVE

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**DIVISION OF HIGHWAYS
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				RFQ. NO. : 7011EC16		
				BID OPENING DATE: 03/24/2011		
				BID OPENING TIME: 1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: ----- (304) 759-6404 ----- CONTACT PERSON (PLEASE PRINT CLEARLY): ----- MATTHEW E. CONNER ----- ----- ***** THIS IS THE END OF RFQ 7011EC16 ***** TOTAL: <u>\$96,544</u>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Matthew E. Conner</i>	TELEPHONE (304) 543-5406	DATE 3/24/11
TITLE SALES REP.	FAX 55-0352647	ADDRESS CHANGES TO BE NOTED ABOVE

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

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
EQUIPMENT DIVISION

PROCUREMENT SPECIFICATIONS
NO. 353-1-T

4 WHEEL DRIVE, RUBBER TIERED, ENDLOADER
(TRANSMISSION WITH TORQUE CONVERTER)

1.0 PURPOSE

It is the purpose of these specifications to describe a 4 Wheel Drive Rubber Tired Endloader (hereinafter referred to as a "endloader" or a "unit") to be purchased for use by the West Virginia Division of Highways (DOH) on an Open End Contract basis.

2.0 BIDDING PROCEDURES

The current purchasing procedures regarding bidding as established by the Department of Administration, Purchasing Division, shall apply. Failure to submit the " Request for Quotation" forms, complete in its entirety and according to directions indicated, may subject the bidder to disqualification. Each bid submitted shall also be accompanied by a Bidder's Evaluation Report completed in detail. Addendums in order, along with exception sheets, should be with Bidder's Evaluation Report. FAILURE TO SUBMIT THE BIDDER'S EVALUATION REPORT, COMPLETE IN ITS ENTIRETY, WILL RESULT IN AUTOMATIC DISQUALIFICATION.

3.0 SPECIFICATIONS

The specifications named herein, mandatory and non-mandatory, establish the acceptable level of quality only and are not intended to reflect a preference or favor any particular brand or vendor.

3.1 EXCEPTIONS TO NON-MANDATORY SPECIFICATIONS

Exception to a non-mandatory unit specification may be made by the bidder, providing the exception is not available from the manufacturer. **Any such exception must be noted on the bidder's evaluation report and should be accompanied by supporting documentation/literature from the manufacturer. Any exception must be indicated on a separate attachment to the bidder's evaluation report and labeled as "Exception to Specifications".** The state reserves the right to waive minor irregularities in bids or specifications in accordance with §148-1-4(f) of the WV Legislative Rules and Regulations.

3.2 MANDATORY SPECIFICATIONS

All specifications preceded by "shall, will, and/or must" or are stated as a "minimum and/or maximum" are mandatory as stated in Purchasing Divisions Policies and Procedures. Any bid failing to meet any mandatory item shall be immediately disqualified. Failure to respond in the appropriate evaluation section will also be grounds for immediate disqualification at the discretion of the State.

A mandatory pre-bid conference is scheduled for this equipment purchase as stated in the RFQ. Vendors having products with variations or exceptions in specified mandatory items are expected to address any such variations or exceptions during the pre-bid conference. **The State shall review and consider any such variation or exception, and may at its sole discretion, issue an addendum to change mandatory specifications deemed to be in the State's best interest. Bids from any vendor failing to attend the mandatory pre-bid shall be disqualified. Bids containing any variation or exception to a mandatory specification that was not addressed during the pre-bid conference and accepted by the issuance of an Addendum shall be disqualified.**

4.0 REPRESENTATIVE UNIT FOR TEST

The successful vendor must (if specified) provide DOH one (1) completed representative unit to be observed and evaluated on each order to insure compliance with specification. If requested, the time period for testing and evaluation shall be seven (7) working days following receipt of the unit. DOH will incur no obligation for deterioration of surfaces, finishes, seals, and mechanical or electrical parts on the unit resulting from operation and testing within the limits of these specifications; nor will DOH incur obligation for damage to the unit resulting from failure to meet specifications when due care and attention is given by DOH and testing is done within the limits of these specifications. Failure of the pilot unit to satisfactorily meet specifications as bid may be cause for cancellation of the purchase order, and return of the delivered unit along with all associated equipment to the vendor at the vendor's expense.

4.1 CONDITION OF UNIT(S) UPON DELIVERY

All units must arrive at the prescribed delivery point having been completely preserviced with oil, lubricants, and coolant. All prescribed precautions pertaining to first operations and break-in of the unit are to be posted conspicuously on the unit for ready observance by the operator.

4.2 DELIVERY

Delivery point of the completely assembled representative unit will be the DOH, Equipment Division, Route 33 at Brushy Fork Road, Buckhannon, West Virginia (26201).

The vendor is responsible for guaranteeing delivery of the completed units within the time specified and agreed to by the State. Delivery is preferred within 185 days after receipt of purchase agreement. The vendor is responsible for establishing and coordinating delivery terms with allied manufacturers or suppliers. Delivery terms should be stated in the bid and the State reserves the right to accept or reject such terms. Failure to reach an agreement may result in rejection of the bid. **The successful bidder shall provide their manufacturer's confirmation of the order to the WVDOH contact person within seven (7) working days after receiving the approved purchase order.**

A completed pilot model for inspection must be provided within 100 calendar days after receipt of the purchase agreement by the successful vendor.

Delivery is an integral part of this specification and failure to comply will be cause to initiate a D.O.T. Administrative Form WV-82, Vendor Performance Form. The WV-82 Form will provide a means of officially notifying the Purchasing Division and the vendor of unsatisfactory performance; such as late deliveries, poor service, inadequate parts supplies, etc.

The decision to initiate subject Form will be at the sole discretion of the D.O.H. Commissioner's established Equipment Review Board.

Issuance of the WV-82 Vendor Complaint Form on unsatisfactory delivery against any vendor will be cause to refuse to consider similar items from those vendors on future Request For Quotations.

(NOTE: Delivery time could be altered due to labor strikes, severe inclement weather conditions, etc.)

5.0 AWARD CRITERIA

- 5.1 DOH will recommend the award in accordance with the RFQ evaluation criteria described in the requisition. **The award shall be made to the lowest unit cost vendor that meets or exceeds the specifications.** DOH reserves the right to place multiple orders in any quantity.

6.0 SPECIFICATIONS AND GUIDELINES - GENERAL

6.1 IDENTIFICATION OF THE UNIT BEING PROPOSED

The bidder must identify the unit by manufacturer, model, series, and year of manufacture, to enable identification by DOH in the manufacturer's specifications of the proposed unit. The bidder will submit complete descriptive literature of the proposed unit, to establish that the bid is the manufacturer's most current model, including latest engineering improvements, which have been, or will imminently be, regularly advertised and sold on the open market. The unit specified herein and offered

to be manufactured after January 1, 2011 and be clearly identified and marked with date of manufacture.

6.2 OPERATING AND SERVICE MANUALS AND PARTS LISTS

An operator's manual must be included with each unit upon delivery. A "line sheet" (if applicable) and Equipment Preventative Maintenance Questionnaire (as shown in X6.2 of the Bidder's Evaluation Report) must be with pilot unit upon delivery. In addition, there must be 12 service, shop, or maintenance manuals; ten (10) to be distributed to the Districts and two (2) for the Equipment Division. Also, there must be 14 parts manuals; ten (10) to be distributed to the Districts and four (4) for Equipment Division use. CD ROM is preferred in lieu of parts or service manuals.

* **NOTE: MANUALS SHALL BE DELIVERED UPON COMPLETION OF DELIVERY OF TOTAL UNITS. FAILURE TO DO SO WILL DELAY PAYMENT.**

6.3 TRAINING:

Manufacturers and/or dealers will be required to stage a thorough seminar on the subjects of Preventative Maintenance, Operator and Mechanic Training. In order to keep the operators and mechanics updated, the successful vendor shall conduct training with each purchase order against this open end contract. Training is preferred within 2 working days after delivery of the pilot unit on the individual purchase order.

Manufacturers and/or dealers shall be required to furnish the Training Academy with one (1) Operator's Manual to be shipped direct to WVDOH Training Academy, Post Office Box 610, Buckhannon, West Virginia 26201 prior to delivery of the pilot.

The seminar to be held at the W. Va. Division of Highways, Equipment Division, Buckhannon, West Virginia.

6.4 PREVENTIVE MAINTENANCE AND OPERATOR PROCEDURES:

Manufacturers and/or dealers will be required to submit to the Equipment Division, in addition to the operating and service manuals, booklets and pamphlets explaining the Preventive Maintenance and Operator Procedures to be used by the operators of this equipment, and must include such things as daily prestart inspection procedure, service schedule, and routine maintenance required, safety precautions, etc.

The successful vendor shall furnish all training aids; i.e., videos, projectors, etc. required in conducting the training.

6.5 WARRANTY AND SERVICE POLICY

The Manufacturers warranty or service policy is to apply to the unit. Such warranty or service policy is to be recognized at any authorized unit dealer, representing manufacturer of proposed unit throughout the State of West Virginia. The applicable warranty or service policy will not be contingent upon obtaining routine service, lubrication, and servicing of the unit from factory authorized agencies. It will be the responsibility of the bidder to have available labor to repair or replace any defective replacement parts, components and materials, and to have available those replacement parts, components, and/or materials found to be defective during the terms of the warranty period. The bidder should state the labor rates, locations where parts will be stocked, availability of parts, and discounts offered for parts, when terms of the warranty offer a pro-rated cost for parts and labor. In addition, the successful bidder should offer field work to repair or replace defective parts, components, and materials found to be defective during the terms of the warranty and should provide mechanic's travel rates, mileage charges, field mechanic rates, and any surcharge for miscellaneous items, if applicable, for field work during the warranty period. Submit to Division of Highways any technical or engineering improvements during the term of the warranty. **The unit must be accompanied upon delivery by the unit's manufacturer's executed warranty or service policy.**

A mandatory minimum two (2) year bumper to bumper basic parts and labor warranty excluding abuse and normal wear items is required for this unit.

THE "WARRANTY AND SERVICE POLICY QUESTIONNAIRE" ATTACHED IN THE BIDDER'S EVALUATION REPORT MUST BE COMPLETED IN ITS ENTIRETY BY THE SUCCESSFUL BIDDER OR MANUFACTURER PRIOR TO DELIVERY OF THE PILOT MODEL. (SEE SECTION X6.5 OF BIDDER'S EVALUATION REPORT).

6.6 EVALUATION COMMITTEE REQUIREMENTS

Detailed component specifications, product literature, component models, required for specification compliance determination by the Evaluation Committee should be provided with each bid. Any information supplied that is contrary to/or conflicting with the specifications and/or attached Bidders Evaluation Report may be sufficient cause for rejection of bid.

6.7 UNSPECIFIED ACCESSORIES & FEATURES

All parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, must be furnished with each unit and required to conform to strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry.

All parts and accessories advertised and regularly supplied as standard shall be included, except those which would represent duplication of these specified, and except those which, by specification, are not to be furnished. All standard safety features, required by Federal and State Law, shall be included.

7.0 SPECIFICATIONS OF THE QUOTED UNIT ARE AS FOLLOWS:

8.0 Endloader Specification:

8.1 Operating weight to be approximately 22,000 pounds (exclusive of tire ballast).

8.1.1 Unit shall have a breakout force of 18,500 pounds minimum.

8.2 Overall length (bucket lowered) 23 foot approximately.

8.3 Loader shall have articulated frame with full hydraulic power steering.

8.3.1 Tipping load straight 14,500 pounds minimum.

8.4 Overall height 10 feet 9 inches to top of cab (maximum).

8.4.1 Dumping clearance at maximum height and 45° dump angle shall be 108 inches minimum

8.5 Loader shall be equipped with a quick coupler system for interchangeability of attachments, controlled from operator station.

8.6 Unit shall be equipped with manufacturers vandalism package and all machines keyed alike.

8.7 All daily services should be done from ground level.

8.8 Engine:

8.8.1 Engine shall be manufacturers water cooled diesel powered and shall provide approximately 115-125 horse power and torque to operate machine and hydraulic system at maximum efficiency.

8.8.2 Manufacturers standard governor with key shut off, wire sealed by manufacturer.

8.8.3 Engine shall have an engine block water heating element (1500-2000 watt).

8.8.4 Heating element to have a male plug easily accessible, 110 volt AC.

8.9 Engine Lubrication:

8.9.1 Full pressure lubrication with oil filter and oil by-pass system.

8.9.2 Engine oil cooler.

8.10 Cooling System:

8.10.1 Manufacturer shall provide maximum cooling system available to allow machine to operate at full capability during all seasons.

8.10.2 Cooling system shall be supplied with Dex-cool or equal extended life anti-freeze protected to a point of -34 degrees F.

8.10.3 Engine coolant filter shall be provided if recommend by manufacturer for this application.

8.11 Air Induction System:

8.11.1 Dry type dual element (2 stage) air cleaner with pre-cleaner.

8.11.2 Unit shall have dash mounted air filter restriction indicator that is operator visible when service is required.

8.12 Exhaust System:

8.12.1 Complete exhaust system shall be manufacturers standard for unit specified.

8.12.2 Exhaust pipe shall be rain proof.

8.13 Electrical System:

- 8.13.1 Unit electrical system to be manufacturers noise suppression wiring.
- 8.13.2 System to be 12 volts/24 volts negative ground (manufacturers standard).
- 8.13.3 **Manufacturers heavy duty cold cranking amp battery(s), approximately 825 CCA; reserve capacity 160 minimum.**

8.14 Charging System:

- 8.14.1 **Unit should have 70 amp alternator (minimum) with internal regulator.**

8.15 Engine Fuel System:

- 8.15.1 **Fuel capacity to be 12 working hours, minimum.**
- 8.15.2 Unit to be provided with a fuel/water separator.
- 8.15.3 **Dual stage fuel filtering shall be provided.**

8.16 Transmission:

- 8.16.1 **Transmission shall be full power shift design with torque converter, capable of "On the GO" shifting in all speed ranges and full automatic feature with on-board diagnostic capabilities and kickdown controls.**
- 8.16.2 **Torque converter shall handle maximum power output of engine.**
- 8.16.3 Transmission to have four (4) forward speeds and three (3) reverse with a top forward ground speed of approximately 23 MPH.
- 8.16.4 **Transmission shall have a neutral start switch for safety purposes.**

8.17 Differential:

- 8.17.1 Manufacturers front and rear conventional.

8.18 Axles:

- 8.18.1 Front axle to be fixed.
- 8.18.2 **Rear axle should oscillate 11 degrees minimum.**

8.19 Brakes to be as follows:

- 8.19.1 **Manufacturers recommended emergency braking system.**
- 8.19.2 **Emergency brake must be independent of service brake.**
- 8.19.3 Hydraulic actuated powered assisted service brakes.
- 8.19.4 Wet type disk service brakes.

8.20 Hydraulic System:

- 8.20.1 **Unit shall provide hydraulic lift, lower, dump, roll back and float plus third spool auxiliary valve and cab controller.**
- 8.20.2 **All hydraulic cylinders shall be double action chrome plated piston type.**
- 8.20.3 Loader to be equipped with a hydraulic oil cooler if recommend by manufacturer.
- 8.20.4 **A sight glass shall be provided for daily checking of hydraulic oil.**
- 8.20.5 Hydraulic system relief pressure of approximately 2500 PSI.
- 8.20.6 **Unit shall be equipped with manufacturers standard hydraulic filtering system.**

8.21 Tires and Wheels:

- 8.21.1 **Wheels shall be manufacturers recommended size for unit bid.**
- 8.21.2 **Tires shall be grader/loader type front and rear tubeless radials.**
- 8.21.3 Overall tire width (outside left to outside right) not to exceed 8 feet.

8.22 Cab and related Accessories:

- 8.22.1 **Cab shall be OSHA approved ROPS.**
- 8.22.2 **Cab shall be insulated and pressurized.**
- 8.22.3 **Cab shall be equipped with heater, defroster and air conditioning installed by manufacturer.**
- 8.22.4 **Cab shall have front and rear windshield wipers and washers.**

- 8.22.5 Cab shall have safety, tinted glass at all locations.**
- 8.22.6 Left and right side rear view mirrors and in cab rear view mirror shall be provided.**
- 8.22.7 Cab must have at least one (1) entry door, lockable.**
- 8.22.8 Doors should be hinged at rear to provide front to back opening.**
- 8.22.9 Unit shall be provided with non-skid steps and hand holds.**
- 8.22.10 Seat to be cloth type with scotchguard (or equivalent) and with adjustable seat belt.**
- 8.22.11 Seat to be equipped with adjustable arm rest.**
- 8.22.12 Seat shall provide height and weight adjustments.**
- 8.22.13 Unit should have adjustable tilt and telescoping steering wheel for easier operator control.**
- 8.22.14 Front and rear fenders shall be provided on unit.**
- 8.22.15 Fire extinguisher shall be provided and mounted in unit. (Successful bidder should notify DOH before mounting).**
- 8.22.16 AM/FM radio must be provided and installed in unit.**
- 8.23 Lighting System:**
- 8.23.1 Unit to have two (2) hi/low halogen beam front lights for tramming and working.**
- 8.23.2 Loader to have four (4) work lights, two (2) front and two (2) rear mounted in accordance to cab features.**
- 8.23.3 Unit to have flash/turn signals (front/rear) stoplights and taillights.**
- 8.23.4 Unit shall be provided with console and dome lighting.**
- 8.23.5 Low profile high intensity strobe light mounted at top rear of cab. Code-3 ~~92QASH, 12/48 VDC, 11 Jules, five (5) flash generating not more than 1.0 UV of interference on radio receiver with 12 db of quieting.~~ CLASS 1 LED beacon (amber)**
- 8.23.6 Unit shall be equipped with OSHA approved audible reverse alarm.**

8.23.7 Articulation locking bar and pin to be provided.

8.24 Unit Instrumentation to provide the following:

8.24.1 Tachometer.

8.24.2 Speedometer.

8.24.3 Hour meter shall be operable from engine operation not key switch.

8.24.4 Fuel gauge.

8.24.5 Ammeter/or volt meter.

8.24.6 Coolant temperature indicator with audible buzzer or visual warning light.

8.24.7 Engine oil pressure indicator with audible buzzer or visual warning light.

8.24.8 Transmission oil temperature indicator.

8.24.9 Transmission oil pressure indicator.

8.24.10 All features that are considered to be manufacturers standard equipment that are not specifically addressed above shall be provided.

8.24.11 Unit shall be delivered to WVDOH with all manufacturers recommended safety related decals and safety features intact.

8.24.12 One (1) complete set of replacement filters shall be provided with each unit upon delivery.

8.25 Bucket:

8.25.1 Bucket shall be general purpose 1.75 cubic yard struck and 2.1 cubic yard heaped capacity approximate

8.25.2 Bucket width to be approximately 96 inches.

8.25.3 Bucket shall roll back 40 degrees at ground level and dump at 45 degrees minimum at full height.

8.25.4 Unit shall be equipped with automatic return to work leveler for bucket and attachments.

8.25.5 Bucket cutting edge and bottom wear strips shall be replaceable.

8.25.6 The cutting edge welded to bucket and a bolt-on replaceable cutting edge shall be mounted under it.

8.25.7 Digging depth below horizontal, (bucket leveled) should be 3 inches (approximately).

8.26 Forks:

8.26.1 Forks shall be heavy duty steel construction.

8.26.2 Carriage shall be heavy duty steel construction.

8.26.3 Carriage size approximately 3/4 inches side plates and 60 inches wide.

8.26.4 Tines/Forks are to be 6 inches wide and 48 inches long.

8.26.5 Tines/Forks to be approximately 2 inches thick at heel and to be forged solid steel.

8.26.6 Tines/Forks should be mounted on approximately 2.5 inches diameter round bar and adjustable laterally 60 inches approximate.

8.27 Material Handling Boom:

8.27.1 Material handling boom shall be of heavy duty construction type with hook.

8.27.2 Boom of three (3) locking sections with a minimum reach of 12 feet.

8.28 Paint:

8.28.1 The endloader and attachments shall be painted white, ^{manufacturer's standard} Federal Standard ~~White 595A (No. 17875)~~

8.28.2 Detail/Decorative Stripes with Logo:

8.28.3 Width: to be 4 inches.

8.28.4 WV DOH logo (to be supplied by WV DOH) is attached (black and white copy) and is approximately 7 inches tall by 7 inches wide. Area behind logo and within 1/2 inches of logo is not to be striped. Stripes should be cut to follow contour of logo, in lieu of straight cut.

- 8.28.5 **Striping material shall meet the requirements of ASTM D4956-91 Type V sheeting, a super high-intensity retroreflective sheeting consisting of microprismatic retroreflective elements. The conspicuity sheeting must meet the requirement of NHSTA, DOT, 49CFR, Part 571 Federal Motor Vehicle safety standards for conspicuity sheeting and be "DOT approved".**
- 8.28.6 **The sheeting for both applications above shall not be more than .0008 inch thick having approximately 47,000 microprisms per square inch and shall come with an aggressive high tack pressure sensitive adhesive, reflexite or equivalent.**
- 8.28.7 Upper stripe color: Dark Blue.
- 8.28.8 Lower stripe color: Light Gold.
- 8.28.9 **Bidder must consult with the WV DOH on proposal for striping before inspection of pilot model.**
- 8.28.10 Bidder to attach proposed paint plan with this bid. It should include chips or samples of proposed paints as well as a proposed striping detail on a cab silhouette sheet. Bidder may modify attached striping plan to fit his particular cab shape.
- 8.28.11 ~~In order to test the adhesive quality of the paint, the DOH may, at its option, require that the vendor measure adhesion by the criteria set forth in ASTM D3359-74, Method B. A rating of less than 4 on this test would be deemed unacceptable.~~
- 8.28.12 ~~The procedures used by the manufacturer in cleaning, de-greasing, priming, and painting are sufficient to meet this requirement except that the manufacturer must substitute white paint (of equivalent grade or quality to manufacturer's standard colored paint) for manufacturer's standard paint in the finish coats.~~
- 8.28.13 ~~The Department reserves the right to view larger paint samples after award of contract and the right to require subtle color changes. Such changes, if any, will only be used for selecting a suitable paint color to match the WV DOH logo.~~
- 8.28.14 ~~The Department is desirous of avoiding units painted white over top the standard color. However, if bidder/manufacturer is unable to substitute white paint in its normal plant painting procedures, then bidder must state so and offer his proposed paint method.~~

- 8.28.15 ~~Areas not normally painted the manufacturer's standard color(s) on standard units (e.g. some rubber parts, mirrors, exhaust pipe, etc.) Are not to be painted white on units specified herein. Also, areas painted a distinct color (e.g. safety reasons) should be painted as they normally would.~~
- 8.29 **Vendor must certify that loader offered will meet or exceed the "Occupational Safety and Health Act of 1970" or subsequent changes that are in effect at time of manufacturer of the unit.**
- 8.30 **Advertising: Only one (1) manufacturer name plate, which must include model number, may appear on exterior of unit. Logos created through the stamping or casting process of manufacture are also acceptable. No logo will interfere with the Department's striping and logo.**
- 8.31 **Preventive Maintenance and Operators Orientation/Training:**
- 8.31.1 ~~**The Manufacturer or dealer shall provide preventive maintenance/operator orientation seminar to be conducted at the Equipment Division, Buckhannon. All training aids i.e. videos, charts, manuals, etc., to be furnished by successful vendor.**~~

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
EQUIPMENT DIVISION

BIDDER'S EVALUATION REPORT

PROCUREMENT SPECIFICATIONS FOR OPEN END CONTRACT
NO. 353-1-T

4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER
(TRANSMISSION WITH TORQUE CONVERTER)

NOTE TO BIDDER: Procurement Specification No. 353-1-T, 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 a summary of exception as a separate attachment, 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.: _____7011EC16_____

Bidder's Name: _____C.I. Walker Machinery Co._____

Address: _____PO Box 2427, Charleston, WV 25329_____

Telephone Number: _____(304) 949-6400_____

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.

X3.2 Have you complied with all mandatory specifications? __x__ YES ____ NO

X4.2 DELIVERY:

**X4.2.1 Delivery date of completed representative unit: _____100_____ Calendar Days After
Receipt of Purchase Agreement**

X4.2.2 Delivery date of balance of completed units: _____185_____ Calendar Days After Receipt of
Purchase Agreement

X5.0 AWARD CRITERIA;

X5.1 Price per unit:

\$96,544 per unit

X6.0 SPECIFICATIONS - GENERAL

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

Caterpillar, 924H, 2011 model
Is descriptive literature, fully describing proposed unit attached to your bid? 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?

YES NO

Will the required Equipment Preventive Maintenance Form (Section X6.2 of Bidders Evaluation Report) be provided upon inspection of the pilot unit? YES NO

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 WVDOH.

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	_____

X6.3 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 directly to Training Academy prior to the delivery of the pilot?
 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) year bumper to bumper basic parts and labor warranty excluding abuse and normal wear items included? YES NO

Describe:

Caterpillar 2 year Premiere ESC new machine warranty up to 5,000 hours _____

X6.5 WARRANTY AND SERVICE POLICY QUESTIONNAIRE

THIS FORM MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED WITH YOUR BID.

(If additional lines are needed, make copies of form.)

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

2 Years or 5,000 hours, whichever occurs first. Caterpillar Premier ESC New Machine Warranty.

See Attached

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.

When warranty service is performed at DOH facilities, DOH is responsible for travel and mileage to and from their facility. When warranty work is performed at Walker facilities, DOH is responsible for round trip transportation cost to Walker. Service calls should be directed to Nitro, (304)755-2500.

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

Walker Machinery Locations: Belle, Nitro, Huntington, Parkersburg, Beckley, Summersville, Logan.

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

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.

A. Shop Rate \$ 84 per mechanic hour

B. Travel Time Charge \$ 77 per mechanic hour
(Specify if one-way) _____; port to port _____

C. Mileage Charge \$ 3.35 per vehicle mile
(Specify if one-way) _____; port to port _____

D. Field Mechanic Rate \$ 88 per mechanic hour

E. Specify period of time that prices are in effect: Subject to change each January

F. Surcharge for miscellaneous items: 0 %

X6.6 EVALUATION COMMITTEE REQUIREMENTS

Is all component specifications, product literature, component models provided for Evaluation Committee bid determination? 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?

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?

YES NO

X6.7.2 Are all standard safety features that are required by Federal and State statutes of law included?

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.

Manufacturer: Caterpillar Model: 924H

X8.0 Endloader Specification:

X8.1 Operating weight: 23,780 pounds (exclusive of tire ballast)

X8.1.1 Breakout force: 19,848 pounds

X8.2 Overall length (bucket lowered): 23'9" foot

X8.3 Does loader have articulated frame and full hydraulic power steering?

YES NO

X8.3.1 Tipping load straight: 17,916 pounds

- X8.4 Overall height: _____ 10' 7" _____ to top of cab
- X8.4.1 Dumping clearance at maximum height and 45° dump angle: 111 inches
- X8.5 Are units provided with a quick coupler system for interchangeability of attachments, controlled from operator station x YES NO
- X8.6 Do machine(s) have vandalism package/keyed alike? x YES NO
- X8.7 Are daily services done from ground level? x YES NO
- X8.8 Engine:
- X8.8.1 Is engine manufacturers water cooled diesel powered providing 128 HP and torque to operate machine and hydraulic system at maximum efficiency? x YES NO
Specify HP: 128 *See addendum
- X8.8.2 Is unit equipped with manufacturer's standard governor with key shut off, wire sealed by Manufacturer? x YES NO
- X8.8.3 Engine equipped with an engine block water heating element (1500-2000 watt)? x YES NO
- X8.8.4 Does heating element have male plug easily accessible, 110 volt AC? x YES NO
- X8.9 Engine Lubrication:
- X8.9.1 Has full pressure lubrication with oil filter and oil by-pass system? x YES NO
- X8.9.2 Is engine equipped with oil cooler? x YES NO
- X8.10 Cooling System:
- X8.10.1 Is cooling system of manufacturers maximum to allow full capability of operation for all seasons? x YES NO
- X8.10.2 Cooling system supplied with Dex-Cool or equal extended life anti freeze to -34°F? x YES NO
- X8.10.3 Is coolant filter provided if recommended manufacturer for this application? x YES NO

X8.11 Air Induction System:

X8.11.1 Is dry type (2 stage) dual element air cleaner with pre-cleaner provided?
 YES NO

X8.11.2 Does unit have dash mounted air filter restriction indicator that is visible when service is required ?
 YES NO

X8.12 Exhaust System:

X8.12.1 Is complete exhaust system manufacturers standard for unit specified?
 YES NO

X8.12.2 Is exhaust pipe rain proof?
 YES NO

X8.13 Electrical System:

X8.13.1 Is unit provided with manufacturers noise suppression wiring?
 YES NO

X8.13.2 Is system 12 volts/24 volts negative ground
 YES NO

X8.13.3 Are heavy duty CCA battery(s) provided?
 YES NO

CCA 950 reserve capacity 170

X8.14 Charging System:

X8.14.1 Alternator AMPS: 95 with internal regulator? YES NO

X8.15 Engine Fuel System:

X8.15.1 Is fuel capacity at least 12 working hours
 YES NO

X8.15.2 Is unit provided with a fuel/water separator?
 YES NO

X8.15.3 Is dual stage fuel filtering provided?
 YES NO

X8.16 Transmission:

X8.16.1 Is transmission full power shift with torque converter capable of "on the Go" shifting in all ranges?
 YES NO

Does it have full automatic feature with on-board diagnostic capabilities and kickdown controls
 YES NO

X8.16.2 Is torque converter capable of handling maximum power output of engine?
 YES NO

- X8.16.3 Number of forward speeds 4 Number of reverse speeds 3 ?
 Top forward ground speed: 23.9 HP
- X8.16.4 Is neutral start switch provided for safety purposes? x YES NO**
- X8.17 Differential:
- X8.17.1 Is front and rear differential manufacturers conventional type? x YES NO
- X8.18 Axles:
- X8.18.1 Is front axle fixed? x YES NO
- X8.18.2 Oscillation of rear axle: 12 degrees**
- X8.19 Brakes:
- X8.19.1 Is Manufacturers recommended emergency braking system provided?
 x YES NO
- X8.19.2 Is emergency brake independent of service brake? x YES NO**
- X8.19.3 Are service brakes powered assisted hydraulic actuated? x YES NO
- X8.19.4 Are service brakes wet disk type? x YES NO
- X8.20 Hydraulic System:
- X8.20.1 Does unit provide hydraulic lift, lower, dump, roll back and float
 x YES NO**
- Does unit have third spool auxiliary valve and cab controller x YES NO**
- X8.20.2 Are hydraulic cylinders double action chrome plated piston type?
 x YES NO**
- X8.20.3 Is hydraulic oil cooler provided if recommended by manufacturer?
 x YES NO
- X8.20.4 Is sight glass provided for daily service checks? x YES NO**
- X8.20.5 Hydraulic system relief pressure: 3,755 P.S.I.
- X8.20.6 Is Manufacturers standard hydraulic filtering system provided?
 x YES NO**

X8.21 Tires and Wheels:

X8.21.1 Are wheels manufacturers recommended size for unit bid? YES NO

Specify size 17.5-R25

X8.21.2 Are tires grader/loader type tubeless radials front and rear? YES NO

Specify size: 17.5-R25

X8.21.3 Overall tire width (outside left to outside right): 7 feet 9 inches

X8.22 Cab and related accessories:

X8.22.1 Is cab OSHA approved ROPS? YES NO

X8.22.2 Is cab insulated and pressurized? YES NO

X8.22.3 Is cab equipped with heater, defroster, air conditioning installed by the manufacturer? YES NO

X8.22.4 Is cab equipped with wipers and washers front and rear? YES NO

X8.22.5 Is Manufacturers tinted safety glass at all locations? YES NO

X8.22.6 Are left and right rear view mirrors and in cab rear view mirror provided? YES NO

X8.22.7 Does cab have one (1) lockable entry door? YES NO

X8.22.8 Are doors hinged at rear to provide front to back opening YES NO

X8.22.9 Is unit provided with non-skid steps and hand holds YES NO

X8.22.10 Is seat cloth type with scotchguard or equal and with adjustable seat belt YES NO

X8.22.11 Is seat equipped with adjustable arm rests? YES NO

X8.22.12 Does seat provide height and weight adjustments? YES NO

X8.22.13 Is unit equipped with adjustable tilt and telescoping steering wheel for easier operator control? YES NO

X8.22.14 Are fenders provided front and rear? YES NO

X8.22.15 Is fire extinguisher provided and mounted on unit? YES NO

X8.22.16 Is AM/FM radio provided and installed in unit? YES NO

X8.23 Lighting System:

X8.23.1 Is unit equipped with two (2) hi/low halogen beam front lights for tramping and working? YES NO

X8.23.2 Does unit have four (4) work lights; two (2) front/two (2) rear cab mounted work lights YES NO

X8.23.3 Does unit have flash/turn signals (front and rear), stoplights, and taillights? YES NO

X8.23.4 Does unit have console and dome lighting? YES NO

X8.23.5 Is unit equipped with low profile high intensity strobe light mounted at top rear of cab as specified YES NO

If NO, explain _____

X8.23.6 Is unit equipped with audible OSHA approved reverse alarm? YES NO

X8.23.7 Is articulation locking bar and pin provided? YES NO

X8.24 Unit Instrumentation:

X8.24.1 Tachometer? YES NO

X8.24.2 Speedometer? YES NO

X8.24.3 Does hour meter operate from engine operation? YES NO

X8.24.4 Fuel gauge? YES NO

X8.24.5 Ammeter/ or volt meter? YES NO

X8.24.6 Does coolant temperature indicator have audible buzzer or visual warning light? YES NO

X8.24.7 Does engine oil pressure indicator have audible buzzer or visual warning light? YES NO

X8.24.8 Does unit have transmission oil temperature indicator? YES NO

X8.24.9 Does unit have transmission oil pressure indicator? YES NO

- X8.24.10** All features considered to be standard equipment not addressed above:
See Product Literature - attached_____
-
- X8.24.11** Will unit be delivered to WV DOH with manufacturer's safety decals and features intact? YES NO
- X8.24.12** Is one (1) complete set of replacement filters for each unit provided? YES NO
- X8.25** Bucket:
- X8.25.1** Bucket capacity struck: 2.2 Cu Yd. Heaped capacity: 2.7 Cu Yd
- X8.25.2** Bucket width: 100 inches
- X8.25.3** Bucket roll back 50 degrees at ground level and dump at full height
45 degrees
- X8.25.4** Does unit have automatic return to work leveler for bucket and attachments YES NO
- X8.25.5** Are replaceable cutting edge and bottom wear strips provided YES NO
- X8.25.6** Is cutting edge welded to bucket and bolt on replaceable cutting edge mounted under it? YES NO
- X8.25.7** Digging depth below horizontal (bucket level): 3 inches
- X8.26** Forks:
- X8.26.1** Are forks heavy duty steel construction? YES NO
- X8.26.2** Is carriage of heavy duty steel construction? YES NO
- X8.26.3** Carriage size: 3/4 inch side plates and 62 inches wide?
- X8.26.4** Tines/Forks: 5 inches wide and 48 inches long
- X8.26.5** Tines/Forks: 2 inches thick at heel and forged solid steel YES NO
- X8.26.6** Tines/Forks mounted on 2.5 inches diameter round bar
Adjustable laterally 60 inches

X8.27 Material Handling Boom:

X8.27.1 Is material handling boom of heavy duty construction with hook? YES NO

X8.27.2 Boom has 3 locking sections Boom reach: 12' 11" feet

X8.28 Paint:

X8.28.1 Is endloader painted Federal Standard White 595A (NO. 17875)? YES NO

X8.28.2 Will detail/decorative stripes be provided and installed on unit by successful bidder? YES NO

X8.28.3 Are stripe(s) width 4 inches as specified? YES NO

X8.28.4 Does striping method and striping material meet required specifications quoted in sections 8.28.4; **8.28.5; and 8.28.6?** YES NO

If NO, explain _____

X8.28.7 Describe color and type of material of upper stripe: _____

X8.28.8 Describe color and type of material of lower stripe: _____

8.28.9 Will bidder consult WV DOH on proposed striping? YES NO

X8.28.10 Has bidder attached paint plan (chips/samples/striping details) to compliance form? YES NO

If no will samples be submitted? YES NO

X8.28.11 Describe manufacturers paint procedure as specified in sections 8.28.11; **8.28.12;** and 8.28.13

- X8.28.14** Is white paint specified applied over top of manufacturer's standard color?
 YES NO
- X8.28.15** Are areas of distinct color(s) (e.g. safety reason) be painted as they normally would?
 YES NO
- X8.29** Does proposed unit meet or exceed the "OSHA of 1970" and/or subsequent changes?
 YES NO
- X8.30** Does unit conform to the advertising guidelines? YES NO
- X8.31** Preventive Maintenance and Operators Orientation/Training:
- X8.31.1** Have you attached a copy of proposed training program. Attach schedule describing course offered with a brief explanation of each subject with the time required for each class. Do not attach instruction material or manuals. Will you furnish all training aids; i.e. videos, projectors, etc., required in conducting the training?
 YES NO



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
7011EC16

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 33 304-558-2402

VENDOR
*709035731 304-949-6400 CECIL I WALKER MACHINERY COMPA PO BOX 2427 CHARLESTON WV 25329

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
03/18/2011				

BID OPENING DATE: 03/24/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1 THIS ADDENDUM IS ISSUED TO: 1.) ADDRESS CHANGES IN SPECIFICATIONS PER THE ATTACHED. 2.) ANSWER TECHNICAL QUESTIONS PER THE ATTACHED. 3.) PROVIDE A COPY OF THE MANDATORY PRE-BID MEETING ATTENDEE LIST. *****END ADDENDUM NO. 1*****						
0001	1	EA		760-44	\$96,544	\$96,544
4				WHEEL DRIVE, RUBBER TIRED, ENLOADER		
***** THIS IS THE END OF RFQ 7011EC16 ***** TOTAL:						\$96,544

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Mary 2 Conn</i>	TELEPHONE (304) 543-5406	DATE 3/23/11
TITLE SALES REP.	FEIN 55-0352647	ADDRESS CHANGES TO BE NOTED ABOVE

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

PREBID ADDENDUM
7011EC16

4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER
(TRANSMISSION WITH TORQUE CONVERTER)

CHANGES TO SPECIFICATIONS:

FROM:

8.8.1 Engine shall be manufacturers water cooled diesel powered and shall provide approximately 115-125 horse power and torque to operate machine and hydraulic system at maximum efficiency.

TO:

8.8.1 Engine shall be manufacturers water cooled diesel powered and shall provide minimum 115 HP and torque to operate machine and hydraulic system at maximum efficiency.

FROM:

8.13.3 Manufacturers heavy duty cold cranking amp battery(s), approximately 825 CCA; reserve capacity 160 minimum.

TO:

8.13.3 Manufacturers heavy duty cold cranking amp battery(s), minimum 800 CCA; reserve capacity 160 minimum

FROM:

8.16.3 Transmission to have four (4) forward speeds and three (3) reverse with a top forward ground speed of approximately 23 MPH.

TO:

8.16.3 Transmission to have four (4) forward speeds and three (3) reverse with a top forward ground speed minimum of 21 MPH.

FROM:

8.20.5 Hydraulic system relief pressure of approximately 2500 PSI

TO:

8.20.5 Hydraulic system relief pressure minimum 2500 PSI

FROM:

8.23.5 Low profile high intensity strobe light mounted at top rear of cab. Code 3 92QASH, 12/48 VDC, 11 Jules, five (5) flash generating not more than 1.0 UV of interference on radio receiver with 12 db of quieting.

TO:

8.23.5 Low profile high intensity Class 1 LED beacon, amber

FROM:

8.25.1 Bucket shall be general purpose 1.75 cubic yard struck and 2.1 cubic yard heaped capacity approximate.

TO:

8.25.1 Bucket shall be general purpose minimum 1.75 cubic yard struck and 2.1 cubic yard heaped capacity approximate.

FROM:

8.25.7 Digging depth below horizontal, (bucket leveled) should be 3 inches (approximately)

TO:

8.25.7 Digging depth below horizontal, (bucket leveled) should be 3 inches.

FROM:

8.26.3 Carriage size approximately $\frac{3}{4}$ inches side plates and 60 inches wide.

TO:

8.26.3 Carriage size should be $\frac{3}{4}$ inches side plates and 60 inches wide.

FROM:

8.26.5 Tines/Forks to be approximately 2 inches thick at heel and to be forged solid steel.

TO:

8.26.5 Tines/Forks should be 2 inches thick at heel and to be forged solid steel.

FROM:

8.26.6 Tines/Forks should be mounted on approximately 2.5 inches diameter round bar and adjustable laterally 60 inches approximate.

TO:

8.26.6 Tines/Forks should be mounted on 2.5 inches diameter round bar and adjustable laterally 60 inches.

FROM:

8.28.1 The endloader and attachments shall be painted white, Federal Standard White 595A (No. 17875).

TO:

8.28.1 The endloader and attachments shall be painted manufacturers standard.

DELETE:

8.28.2 Detail/Decorative Stripes with Logo:

8.28.3 Width: to be 4 inches

8.28.4 WVDOH logo (to be supplied by WVDOH) is attached (black and white copy) and is approximately 7 inches tall by 7 inches wide. Area behind logo and within ½ inches of logo is not to be striped. Stripes should be cut to follow contour of logo, in lieu of straight cut.

8.28.5 Striping material shall meet the requirements of ASTM D4956-91 Type V sheeting, a super high-intensity retroreflective sheeting consisting of microprismatic retroreflective elements. The conspicuity sheeting must meet the requirement of NHSTA, DOT, 49CFR, Part 571 Federal Motor Vehicle safety standards for conspicuity sheeting and be "DOT" approved.

8.28.6 The sheeting for both applications above shall not be more than .0008 inch thick \ having approximately 47,000 microprisms per square inch and shall come with an aggressive high tack pressure sensitive adhesive, reflexite or equivalent.

8.28.7 Upper stripe color: Dark Blue

8.28.8 Lower stripe color: Light Gold

8.28.9 Bidder must consult with the WVDOH on proposal for striping before inspection of pilot model.

DELETE:

- 8.28.10 Bidder to attach proposed paint plan with this bid. It should include chips or samples of proposed paints as well as a proposed striping detail on a cab silhouette sheet. Bidder may modify attached striping plan to fit his particular cab shape.
- 8.28.11 In order to test the adhesive quality of the paint, the DOH may, at its option, require that the vendor measure adhesion by the criteria set forth in ASTM D3359-74, Method B. A rating of less than 4 on this test would be deemed unacceptable.
- 8.28.12 The procedures used by the manufacturer in cleaning, de-greasing, priming, and painting are sufficient to meet this requirement except that the manufacturer must substitute white paint (of equivalent grade or quality to manufacturer's standard colored paint) for manufacturer's standard paint in the finish coats.**
- 8.28.13 The Department reserves the right to view larger paint samples after award of contract and the right to require subtle color changes. **Such changes, if any, will only be used for selecting a suitable paint color to match the WVDOH logo.**
- 8.28.14 The Department is desirous of avoiding units painted white over top the standard color. However, if bidder/manufacturer is unable to substitute white paint in its normal plant painting procedures, then bidder must state so and offer his proposed paint method.**
- 8.28.15 Areas not normally painted the manufacturer's standard color(s) on standard units (e.g. some rubber parts, mirrors, exhaust pipe, etc.) are not be painted white on units specified herein. Also, areas painted a distinct color (e.g. safety reasons) should be painted as they normally would.
- 8.31 Preventive Maintenance and Operators Orientation/Training:
 - 8.31.1 The Manufacturer or dealer shall provide preventive maintenance/operator orientation seminar to be conducted at the Equipment Division, Buckhannon. All training aids i.e. videos, charts, manuals, etc. to be furnished by successful vendor.**

RESPONSES TO W. VA. TRACTOR WRITTEN QUESTIONS:

Features and/or options:

1. Integrated digital payload scale system;
2. Integrated color rear view camera viewable through machine cluster (some manufacturers may have a separate cab mounted color monitor).
3. GPS/Satellite based remote managements system which allows access to critical machine data and GPS location through internet server. Cost of the Service and system must be included for three full year.
4. Fully adjustable heated operator seat with air suspension and 3" seat belt is another standard feature as is heated outside mirrors (left and right).

RESPONSE TO ALL 4 QUESTIONS: The Division of Highways has reviewed these extra options and decided not to include in spec.

PREBID ADDENDUM
7011EC16

4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER
(TRANSMISSION WITH TORQUE CONVERTER)

CHANGES TO BIDDER'S EVALUATION REPORT:

FROM:

X8.8.1 Is engine manufacturers water cooled diesel powered providing __ HP and torque to operate machine and hydraulic system at maximum efficiency? YES NO
Specify HP:

TO:

X8.8.1 Is engine manufacturers water cooled diesel powered x YES NO
And provides 128 HP and torque to operate machine and hydraulic system at maximum efficiency? x YES NO

FROM:

X8.13.3 Are heavy duty CCA battery(s) provided? YES NO
CCA reserve capacity

TO:

X8.13.3 Are heavy duty CCA battery(s) provided? x YES NO
CCA 950 reserve capacity 170

FROM:

X8.16.3 Number of forward speeds Number of reverse speeds
Top forward ground speed: HP

TO:

X8.16.3 Number of forward speeds 4 Number of reverse speeds 3
Top forward ground speed 23.9 MPH

FROM:

X8.20.5 Hydraulic system relief pressure: __ PSI

TO:

X8.20.5 Hydraulic system relief pressure 3,755 PSI

FROM:

X8.23.5 Is unit equipped with low profile high intensity strobe light mounted at top rear of cab as specified _ YES_ NO If NO, explain_____

TO:

X8.23.5 Is unit equipped with low profile high intensity Class 1 LED beacon, amber
x YES _____ NO

FROM:

X8.25.1 Bucket capacity struck: __ CuYd Heaped capacity: __ CuYd

TO:

X8.25.1 Bucket is general purpose with 2.2 cubic yard struck and 2.7 cubic yard heaped capacity
x YES _____ NO

FROM:

X8.25.7 Digging depth below horizontal (bucket level): __ inches

TO:

X8.25.7 Digging depth below horizontal (bucket leveled): 3 inches

FROM:

X8.26.3 Carriage size: __ inch side plates and __ inches wide?

TO:

X8.26.3 Carriage size: 3/4 inch side plates and 62 inches wide

FROM:

X8.26.5 Tines/Forks: __ inches thick at heel and forged solid steel __ YES __ NO

TO:

X8.26.5 Tines/Forks __ 2 __ inches thick at heel and forged solid steel __ x __ YES ____ NO

FROM:

X8.26.6 Tines/Forks mounted on __ inches diameter round bar
Adjustable laterally __ inches

TO:

X8.26.6 Tines/Forks mounted on ____ 2.5 _ inches diameter round bar and adjustable laterally
____ 60 ____ inches

FROM:

X8.28.1 Is endloader painted Federal Standard White 595A (No. 17875) __ YES __ NO

TO:

**X8.28.1 Is endloader and attachments painted manufacturers standard?
____ x __ YES ____ NO**

DELETE:

X8.28.2 Will detail/decorative stripes be provided and installed on unit by successful bidder?
____ YES __ NO

X8.28.3 Are stripe(s) width 4 inches as specified? __ YES __ NO

X8.28.4 Does striping method and striping material meet required specifications quoted in sections 8.28.4, 8.28.5 and 8.28.6 __ YES __ NO If NO explain _____

X8.28.7 Describe color and type of material of upper stripe: _____

X8.28.8 Describe color and type of material of lower stripe: _____

X8.28.9 Will bidder consult WVDOH on proposed striping? _ YES _ NO

X8.28.10 Has bidder attached paint plan (chips/samples/striping details) to compliance form
__ YES __ NO If No will samples be submitted __ YES __ NO

X8.28.11 Describe manufacturers paint procedure as specified in sections 8.28.11, 8.28.12 and 8.28.13 _____

X8.28.14 Is white paint specified applied over top of manufacturers standard color __YES__NO

X8.28.15 Are areas of distinct color(s) e.g. safety reason be painted as they normally would __YES__NO

X8.31 Preventive Maintenance and Operators Orientation/Training:

X8/31/1 Have you attached a copy of proposed training program. Attach schedule describing course offered with a brief explanation of each subject with the time required for each class. Do not attach instruction material or manuals. Will you furnish all training aids' i.e. videos, projectors, etc., required in conducting the training _YES_NO

7011EC16

3/10/2011

Request for Quotation Number: _____ Date: _____

4 Wheel Drive, Rubber Tired, Enloader

Project Description:

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

Firm Name:	Bish Equipment Co.
Firm Address:	P.O. Box 906 Bridgeport, WV 26330
Representative Attending:	Bruce Meeker
Phone Number:	304-755-3311
Fax Number:	304-755-3603
Email Address:	bmeeker@bish.com

Firm Name:	State Equipment Inc.
Firm Address:	P.O. Box 3939 Charleston WV 25339
Representative Attending:	TERRY LAMAN
Phone Number:	304 776 4405
Fax Number:	304 776 4409
Email Address:	terry@stateequipment.com

Firm Name:	WEST VIRGINIA TRAPCO
Firm Address:	P.O. Box 473 Charleston, WV 25322
Representative Attending:	GARY GRADY
Phone Number:	346-5301
Fax Number:	346-5305
Email Address:	wtr@trape.msk.com

Firm Name:	Leslie Equipment Co.
Firm Address:	Box 33 W / P.O. Box 299 Norton, WV 26285
Representative Attending:	David Grassmud
Phone Number:	304-636-6941 / (C) 304-642-9826
Fax Number:	304-636-3576
Email Address:	dgrassmud@leslie.com

Firm Name:	STATE EQUIPMENT, Inc
Firm Address:	P.O. Box 3939 Charleston, WV 25339
Representative Attending:	EDWARD M. ROWAN, JR
Phone Number:	(304) 776-4405
Fax Number:	(304) 776-4409
Email Address:	eddie@stateequipment.com

Firm Name:	Bert Smith / Anderson Equip
Firm Address:	2007 Ruskin Dr. Pleasant Valley, 26554
Representative Attending:	Bert Smith
Phone Number:	304-614-5811
Fax Number:	304-366-7214
Email Address:	Bsmith@AndersonEquip.com

SIGN IN SHEET

3/10/2011

Date:

7011EC16

Request for Quotation Number:

4 Wheel Drive, Rubber Tired, Encoder

Project Description:

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

Firm Name: UNIBEST INC. ED. CO.
 Firm Address: 2266 UNIVERSITY DRIVE
LEWISTON, ME, 04901

Representative Attending: MIKE CLOSER
 Phone Number: 207-437-1528
 Fax Number: 207-437-2098
 Email Address: MCLOSER@UNIBEST.COM

Firm Name: C.I. Walker Machinery Co.
 Firm Address: P.O. Box 2427
CHARLESTON, WV 25329

Representative Attending: MARK CONNER
 Phone Number: (304) 543-5406
 Fax Number: (304) 759-6404
 Email Address: mconner@walker-sat.com

Firm Name: ICB INC
 Firm Address: 2000 Bamford BLVD
Peaker GA 31322

Representative Attending: DES JARVIS
 Phone Number: 317-769-7535
 Fax Number: 912-447-2156
 Email Address: DES.JARVIS@ICB.COM

Firm Name: Agri Normal
 Firm Address: 20th

Representative Attending: _____
 Phone Number: _____
 Fax Number: _____
 Email Address: _____

Firm Name: MH Equipment Co.
 Firm Address: 126 Lakeside Dr.
Charleston, WV.

Representative Attending: Brian D. Huel
 Phone Number: 502-550-3005
 Fax Number: 502-810-9306
 Email Address: bhd@mh-equipment.com

Firm Name: Marcia Lee
 Firm Address: _____

Representative Attending: _____
 Phone Number: _____
 Fax Number: _____
 Email Address: _____

Request for Quotation Number: 7011EC16

Date: 3/10/2011

Project Description: 4 Wheel Drive, Rubber Tired, Enloader

PLEASE PRINT LEGIBLY. THIS INFORMATION IS ESSENTIAL TO CONTACT THE ATTENDEES IN A TIMELY MANNER. FAILURE TO DO SO MAY RESULT IN DELAYS IN YOUR COMPANY GETTING IMPORTANT BID INFORMATION.

Firm Name:	<u>Keon Riley</u>
Firm Address:	<u>WVDOH</u>
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	
Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	<u>Shawn Blane</u>
Firm Address:	<u>DOA Purchasing</u>
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

Firm Name:	
Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
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Firm Address:	
Representative Attending:	
Phone Number:	
Fax Number:	
Email Address:	

C.I. Walker Machinery Co.
Exceptions to RFQ 7011EC16
All exceptions are on non-mandatory specs

X8.1 Operating weight to be approximately 22,000 pounds (exclusive of tire ballast).

The CAT 924H has an operating weight of 23,780 pounds

X8.2 Overall Length (bucket lowered) 23 foot approximately.

The CAT 924H is 23 foot 9 inches

X8.20.5 Hydraulic system relief pressure minimum 2500 psi

The CAT 924H has a relief pressure of 3,755 psi

X8.22.13 Unit should have adjustable tilt and telescoping steering wheel for easier operator control.

The CAT 924H steering wheel has adjustable tilt but does not telescope

8.25.2 Bucket width to be approximately 96 inches

The CAT 924H bucket is 100 inches wide

8.26.3 Carriage size should be ¾ inches side plates and 60 inches wide.

The CAT 924H carriage has ¾ inch side plates and is 62 inches wide

8.26.4 Tines/Forks are to be 6 inches wide and 48 inches long.

The CAT 924H tines/forks are 5 inches wide and 48 inches long.

924H

Wheel Loader

CATERPILLAR®



Cat® C6.6 Engine with ACERT™ Technology

Net power (SAE J1349)

96 kW 128 hp

EPA Tier 3, EU Stage III Compliant

Weight

Operating Weight

11 632 kg 25,644 lb

Buckets

Bucket Capacity

1.7-2.8 m³ 2.2-3.6 yd³

924H Features

Loader Linkage

Cat exclusive VersaLink™ Loader Linkage delivers strength and versatility to help you do more tasks, faster. The high lift linkage option takes you places others can't reach.

High Performance Power Train

Clean, quiet operation with superior power.

Powerful Hydraulic System

System senses work demand and adjusts flow and pressure to match for precise, efficient control.

Comfortable Cab

Large, spacious cab and low-effort, ergonomic joystick controls let you concentrate on your work.

Work Tools

Make your 924H the most versatile machine on the jobsite with Caterpillar's broad range of work tools.



Contents

VersaLink Loader Linkage	3
Power Train	4
Hydraulics	5
Operator Station	6
Work Tools	7
Serviceability	8
Customer Support	8
Specifications	9
Standard and Optional Equipment	17

The Cat® 924H Wheel Loader leads the industry in operator comfort, performance and versatility. Size, power, performance and work tool interchangeability make this machine ideal for a wide range of jobs. Fast cycle times help you move more material. Large spacious cab with joystick control keeps you comfortable throughout the work day, allowing you to get more done. Loader design delivers strength and durability with superior control and unmatched versatility. Discover how much more you can get done with the new 924H.

VersaLink™ Loader Linkage

Loader design delivers unmatched versatility.

Linkage Design

The Cat exclusive VersaLink™ design provides toolcarrier controllability, versatility and parallel lift with the strength, durability and speed of Z-Bar linkage. The 924H can be configured in several ways:

- Equipped with a Quick Coupler for quick and easy work tool changes providing optimum utility and versatility.
- Equipped with pin-on work tools, such as a bucket, for a dedicated wheel loader application with exceptional breakout force, tipping load and dump height.
- Equipped with the High Lift VersaLink loader linkage option for special applications that require more reach and lift height.

Loader Performance

The VersaLink loader linkage is designed for exceptional loader performance in a wide range of applications, offering:

- Simultaneous tilt, lift and auxiliary hydraulics function for precise control of the work tool.
- Increased breakout force to shorten cycle times and increase bucket fill factors.
- Higher dump clearance for working in “high target” situations that ordinary loaders cannot.
- More dig depth for better excavation performance, even when equipped with larger tires.
- Greater rackback angle for improved material retention, resulting in higher productivity.
- Greater dozing angle for improved control of material when fine grading.

Parallel Lift

Parallel lift simplifies working with palletized or stacked material. Operators can concentrate on material placement while the load automatically remains parallel throughout the lift range. And, like a toolcarrier, the 924H can easily manipulate loads at all heights.

High Lift Version

Special applications call for special equipment. The optional High Lift VersaLink loader linkage provides an additional clearance of 507 mm (20 in) and is ideal for jobs that require higher lift of lighter materials. The high lift VersaLink is available in both pin-on and quick coupler versions.





Power Train

Delivers maximum rimpull to the ground and full power to loader hydraulics.

Cat Engine

The Cat C6.6 engine provides cleaner, quieter operation while delivering superior performance and durability. The 96 kW (128 hp) rated net power engine meets all worldwide emissions standards and features: flatter power curve for outstanding response in the working RPM range (1,900 to 2,300), noise reduction technologies for up to 5 dB reduction, and patented ACERT™ Technology combined with common rail fuel system, smart waste gate turbocharger and crossflow head design for reduced emissions.

Cat Axles

Standard front axle Diff-Lock and optional rear Limited Slip Differential ensure outstanding traction in poor underfoot conditions. Heavy-duty axles feature hardened gears and bearings for durable performance. Rear axle oscillates up to 12 degrees to help assure four-wheel ground contact for optimum traction and stability.

Cat Transmission

Rugged Cat transmission uses heavy-duty components for durable and reliable operation. The operator can choose between manual shift and two autoshift modes, Performance or Economy. Performance mode provides maximum acceleration while the economy mode increases fuel economy and improves operator comfort.

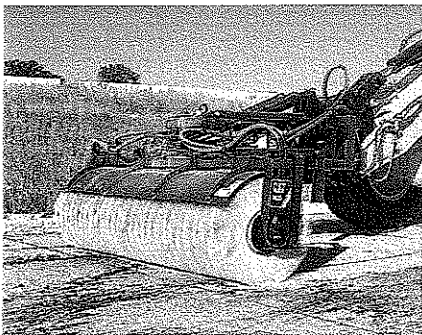
Hydraulics

Modular system provides high efficiency with low effort, precise control.



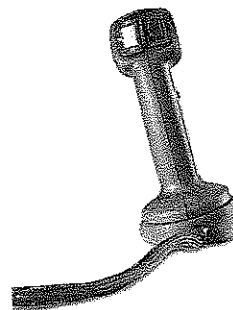
Load-Sensing Hydraulics

Modular hydraulic system delivers precise control with low effort operation. This load-sensing, variable flow system senses work demand and adjusts flow and pressure to match. This allows full hydraulic forces at any engine speed for delicate jobs in tight areas. Combined with the VersaLink linkage, the hydraulic system allows simultaneous lift, tilt and auxiliary hydraulic function.



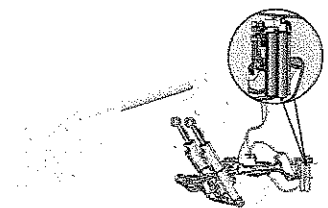
Auxiliary Hydraulics

Auxiliary hydraulics provide unparalleled versatility allowing you to select the configuration that best suits your application. Third function only or packaged with fourth enables the use of almost all work tools.



Optional Joystick with Integrated Third Function Controls

An optional joystick combines lift and tilt functions with transmission controls and third function auxiliary hydraulic controls in one ergonomic joystick. This allows the operator to maintain control of the load linkage while operating hydromechanical tools. The system can operate in two modes: the Work Tool and Continuous Flow mode, which allows bi-directional flow to be controlled with a thumbwheel, and the Continuous Flow mode, which provides infinitely variable flow to tools with hydraulic motors.

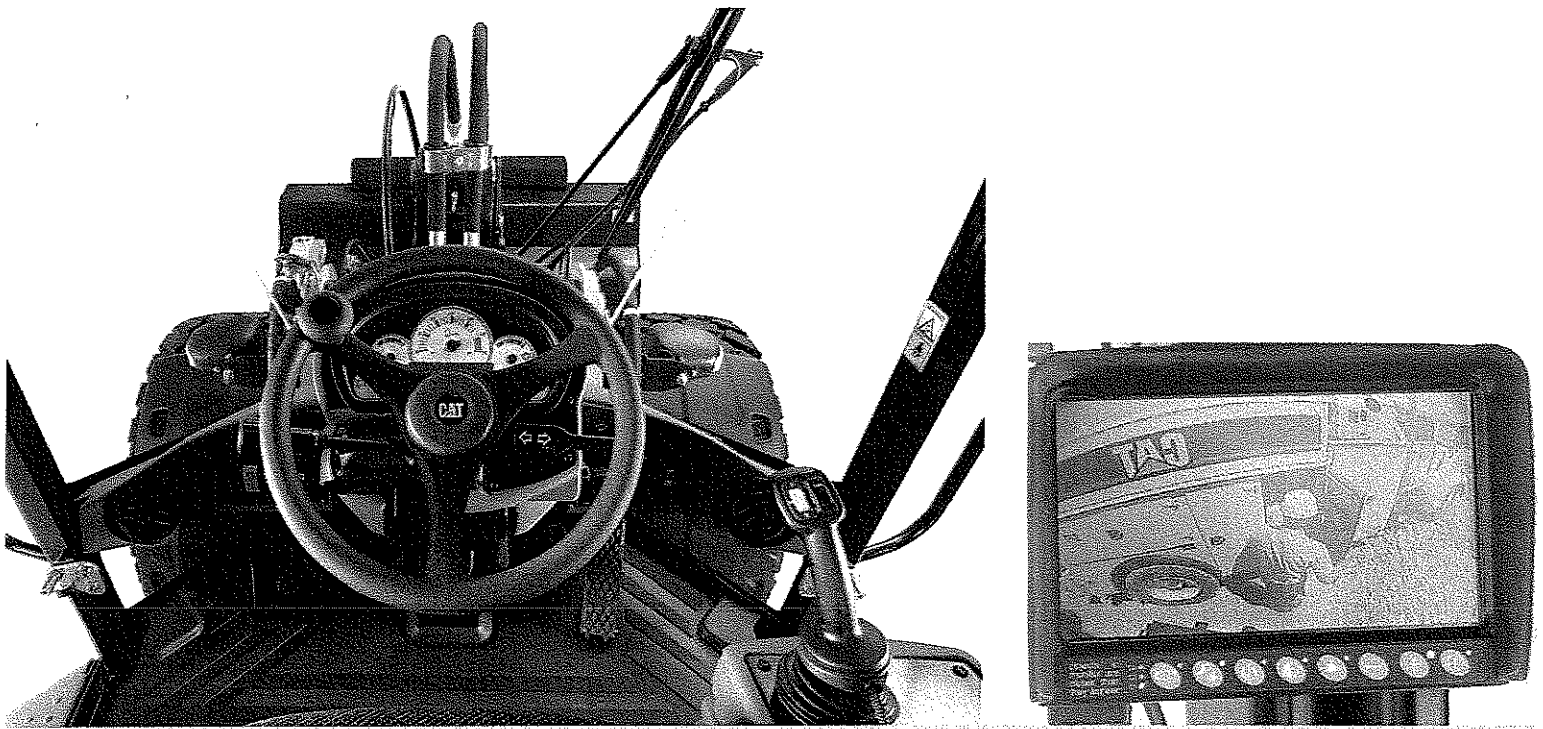


Ride Control System

The optional Ride Control System provides a comfortable ride and excellent material retention.

Four nitrogen charged accumulators set to different pressures enable optimum cushioning over uneven terrain for all loads and speeds.

The system operates in Automatic; as the loader ground speed exceeds 5 kph (3 mph) the system will activate, below 5 kph (3 mph) the system is off, providing maximum lift power.



Operator Station

Superior comfort keeps you productive, all day long.

Experience comfort and convenience in the H-Series cab. The spacious interior and ergonomic controls keep you comfortable throughout the work day. Choose the seat that meets your needs – the standard, fully adjustable seat or the optional Cat Contour seat for added adjustment and air suspension. The two-door design lets you enter and exit from either side of the machine and wide, serrated steps provide stable footing. Both doors lock open 180 degrees and feature sliding glass windows for better communication with workers on the ground. Large flat glass windows provide excellent visibility all around the machine. The rear window features a standard electric defroster. Halogen or HID auxiliary working lights provide illumination options to suit your jobsite.

Controls

Low effort, ergonomic joystick controls provide easy operation of lift and tilt functions. The standard joystick features an integrated directional control switch for added convenience. The operator programmable transmission neutralizer can be set in seconds optimizing brake effort for all applications.

Instrument Panel

The sealed instrument panel with easy to read white faced gauges and indicators keeps the operator informed of system conditions. The large LED readout provides ground speed and other critical information.

Optional Rear View Camera

This work area visual enhancement system uses a closed circuit video monitoring system. Up to three cameras can be mounted on the machine frame. Objects can be viewed on a color LCD monitor in the cab.

Work Tools

Do more jobs with one machine with Cat Work Tools.

The Right Tool for the Job

The wide variety of work tools offered by Caterpillar makes the 924H one of the most versatile machines on the jobsite. Work tools can be changed quickly and easily with the machine's quick coupler system. A switch in the cab activates a hydraulic cylinder for positive tool engagement and disengagement.

Bucket Work

With exceptional rimpull and high breakout and lift forces, the 924H delivers strong performance as a bucket loading machine. A wide range of Cat buckets are available including:

- General purpose – 1.8 m³ (2.4 yd³) and 2.1 m³ (2.75 yd³)
- Penetration
- Light material
- Multi purpose
- Side dump
- High dump
- Wood chip
- Top clamp

Material Handling

The exceptional visibility and heavy-lift capabilities of the 924H let you work quickly and efficiently in material handling applications. A wide range of tools are available:

- Standard width carriage with pallet forks – 1220 mm (48 in), 1370 mm (53 in) and 1524 mm (60 in)
- 2440 mm (96 in) wide carriage with 1830 mm (72 in) or 1524 mm (60 in) tines
- Offset forks for improved tip visibility
- Material handling arm
- Log and lumber forks with a variety of top clamp choices

Special Applications

Caterpillar also offers other work tools designed to meet specific job requirements:

- Dozer blades
- Snow plows
- Hydraulic brooms
- Asphalt cutter
- Loader rakes

Work tool availability varies by region.



Serviceability

Easy access and minimal maintenance requirements keep your machine on the job.



Convenient service features make maintenance easy.

All service points are accessible from ground level on the right side of the engine. Gull-wing doors with gas struts lift for exceptional access to filters and service points. Extended service intervals reduce service time and increase machine availability.

- Sight gauges let you easily check radiator coolant, hydraulic oil and transmission oil levels as well as engine air filter restriction without opening the air cleaner.
- Standard pressure taps allow quick diagnosis of the entire hydraulic system.
- S•O•SSM ports make oil sampling quicker, cleaner and provide the best oil sample for analysis.
- Spin-on filters for engine oil, transmission oil and hydraulic oil are vertically mounted for easier servicing.
- 924H features a standard electronic fuel prime pump.
- Sequentially placed radiator and oil coolers are easy to access.
- Swing-out cooling fan allows quick and easy cleaning and servicing of the radiator. The fan is hydraulically driven and separate from the engine compartment for low noise operation.
- Optional reversing fan cleans screens without interrupting machine operation.

Customer Support

Unmatched support makes the difference

Your Cat dealer is ready to assist you with your purchase decision and everything after.

- Make comparisons of machines, with estimates of component life, preventative maintenance and cost of production.
- Financing packages are flexible to meet your needs.
- Your Cat dealer can evaluate the cost to repair, rebuild and replace your machine, so you can make the right choice.
- For more information on Cat products, dealer services and industry solutions, visit us at www.cat.com.



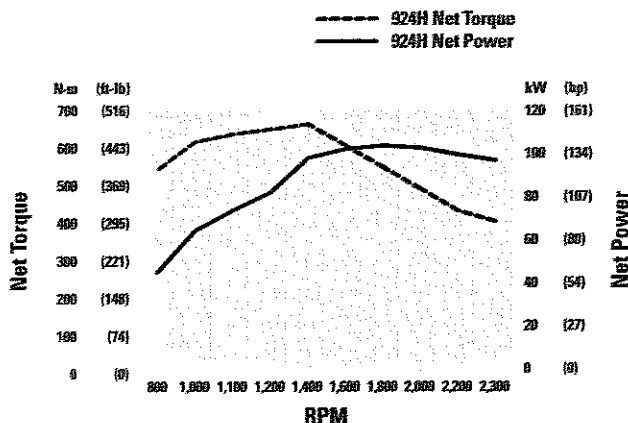
924H Wheel Loader Specifications

Engine

Rated net power @ 2,300 rpm	96 kW	128 hp
Model	Cat® C6.6	
SAE J1349	96 kW	128 hp
ISO 9249 (1997)	97 kW	130 hp
EEC 80/1269	97 kW	130 hp
Max. net power @ 1,800 rpm	103 kW	138 hp
SAE J1349	103 kW	138 hp
ISO 9249 (1997)	104 kW	139 hp
EEC 80/1269	104 kW	139 hp
Bore	105 mm	4.13 in
Stroke	127 mm	5 in
Displacement	6.6 L	403 in ³
Net torque	658 N·m	485 ft·lb
Peak torque	673 N·m	496 ft·lb

- Net Power ratings are tested at the reference conditions for the specified standard.
- Net power shown is the power available at the flywheel when the engine is equipped with alternator, air cleaner, muffler and fan at minimum speed.
- No derating required up to 3000 m (9,843 ft) altitude. Auto derate protects hydraulic and transmission systems.
- When the fan is at maximum speed, Rated Net Power is 82 kW (109 hp) and Maximum Net Power is 92 kW (123 hp) at the flywheel per the SAE reference conditions.
- The Caterpillar® C6.6 engine meets Tier 3 off-highway emission regulations.

Engine Torque



Buckets

Bucket capacities	1.7 m ³	2.2 yd ³
	2.8 m ³	3.6 yd ³

Weights

Operating weight	11 632 kg	25,644 lb
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• Specifications shown are for 924H with optional counterweight, standard lubricants, full fuel tank, deluxe cab, Limited Slip rear axle with heavy duty brakes, additional guarding, 1.8 m³ (2.4 yd³) bucket with bolt-on cutting edge, 80 kg (176 lb) operator and 20.5 R25 radial (L-3) XHA tires.

Steering

Steering articulation	40°	40°
Minimum turning radius (over tire)	5070 mm	200 in
Steering angle, each direction	40°	40°
Steering cylinders, two, bore	70 mm	2.75 in
Hydraulic output at 2,300 engine rpm and 6900 kPa (1,000 psi)	106 L/min	27.7 gal/min
Maximum working pressure	20 685 kPa	3,000 psi

Loader Hydraulic System

Output at 2,300 engine rpm and 6900 kPa (1,000 psi) with SAE 10W oil at 65° C (150° F)	152 L/min	39.5 gal/min
Hydraulic cycle time	8.9 Seconds	
Pump flow – implement pump	152 L/min	40.15 gal/min
Relief pressure – implement pump	258.9 bar	3,755 psi
Maximum working pressure	25 900 kPa	3,755 psi
Hydraulic cycle time	8.9 Seconds	
Raise	5.1 Seconds	
Dump	1.4 Seconds	
Lower, empty, float down	2.4 Seconds	
Total	8.9 Seconds	
Lift cylinders, double acting:		
Bore	101.6 mm	4 in
Stroke	810 mm	31.9 in
Tilt cylinder, double acting:		
Bore	133.4 mm	5.25 in
Stroke	945 mm	37.2 in

Service Refill Capacities

Fuel tank	225 L	59.4 gal
Cooling system	40 L	10.6 gal
Crankcase	15 L	4.0 gal
Transmission	23 L	6.1 gal
Differentials and final drives:		
Front	21 L	5.5 gal
Rear	21 L	5.5 gal
Hydraulic system (including tank)	148 L	39 gal
Hydraulic tank	70 L	18.5 gal

924H Wheel Loader Specifications

Transmission

Standard transmission	38.5 km/h	23.9 mph
max travel speeds		
Forward 1	6.7 km/h	4.2 mph
2	12.2 km/h	7.6 mph
3	21.8 km/h	13.5 mph
4	38.5 km/h	23.9 mph
Reverse 1	6.7 km/h	4.2 mph
2	12.2 km/h	7.6 mph
3	21.8 km/h	13.5 mph
Optional low speed transmission	39 km/h	24.2 mph
max travel speeds		
Forward 1	3.7 km/h	2.3 mph
2	7.5 km/h	4.7 mph
3	19.6 km/h	12.2 mph
4	39 km/h	24.2 mph
Reverse 1	4.1 km/h	2.5 mph
2	8.1 km/h	5 mph
3	21.2 km/h	13.2 mph

Tires

Size	20.5 R25 Radial (L-3)
Tread width	1880 mm 6 ft 3 in
<ul style="list-style-type: none"> Choice of: <ul style="list-style-type: none"> 17.5-25, 12PR (L-2) 17.5-25, 12PR (L-3) 17.5 R25, radial (L-2) 17.5 R25, radial (L-3) 20.5-25, 12PR (L-2) 20.5-25, 12PR (L-3) 20.5 R25, radial (L-2/L-3) 550/65 R25, radial (L-3) Other tire choices are available, contact your Cat® Dealer for details. In certain applications, the loader's productive capabilities may exceed the tire's tonnes-km/h (ton-mph) capabilities. Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model. 	

Cab

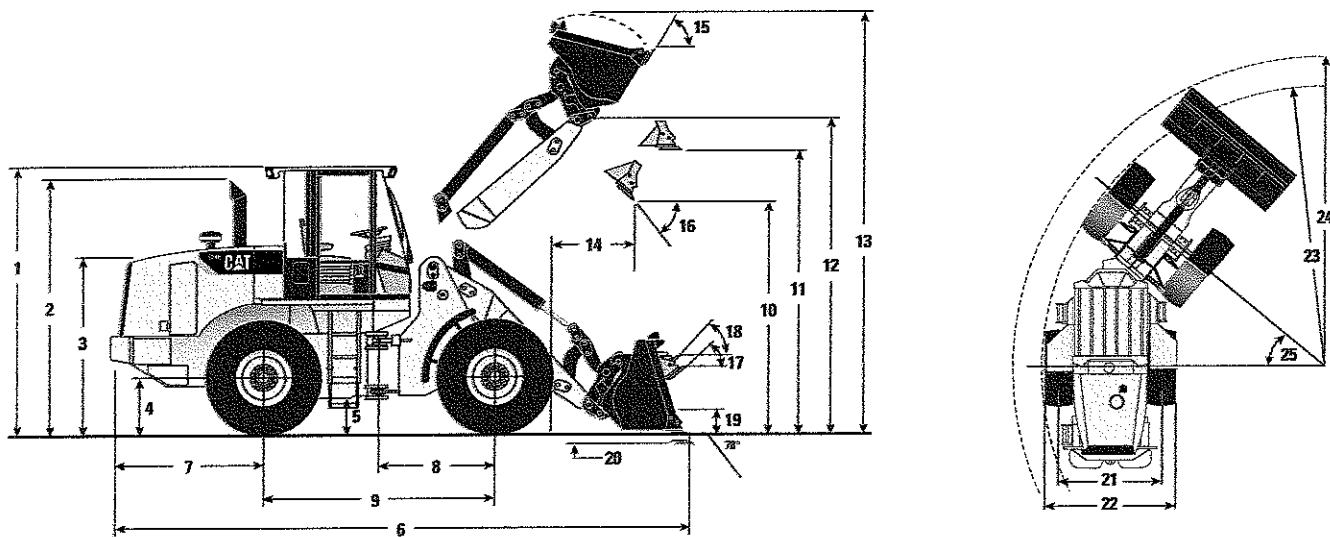
ROPS	SAE J1040 MAY94, ISO 3471-1994
FOPS	SAE J/ISO 3449 APR98 Level II, ISO 3449 1992 Level II
<ul style="list-style-type: none"> Caterpillar cab and Rollover Protective Structure (ROPS) are standard in North America and Europe. When properly installed and maintained, the cab offered by Caterpillar, when tested with doors and windows closed as per work cycle procedures specified in ANSI/SAE J1166 May 90, results in operator sound exposure Leq (equivalent sound pressure level) of 74 dB(A). 	

Operating Specifications

Static tipping load (full turn)	7276 kg	16,041 lb
Reach – full lift/45 degree dump angle	992 mm	3 ft 3 in
Dump clearance – full lift/45 degree dump angle	2828 mm	9 ft 3 in
Articulation angle	40°	40°

Dimensions with Bucket

All dimensions are approximate. Dimensions may vary with bucket. Refer to Operating Specifications.



	Standard VersaLink		High Lift VersaLink	
1	Height to top of ROPS/FOPS	3227 mm (10 ft 7 in)	3226 mm (10 ft 7 in)	
2	Height to top of exhaust stack	3211 mm (10 ft 6 in)	3210 mm (10 ft 6 in)	
3	Height to top of hood	2219 mm (7 ft 3 in)	2218 mm (7 ft 3 in)	
4	Height to center of axle	692 mm (2 ft 3 in)	692 mm (2 ft 3 in)	
5	Ground clearance	436 mm (1 ft 5 in)	435 mm (1 ft 5 in)	
6	Overall length	7147 mm (23 ft 5 in)	7649 mm (25 ft 1 in)	
7	Length – rear axle to bumper	1962 mm (6 ft 5 in)	1962 mm (6 ft 5 in)	
8	Center line of front axle to hitch	1400 mm (4 ft 7 in)	1400 mm (4 ft 7 in)	
9	Wheel base length	2800 mm (9 ft 2 in)	2800 mm (9 ft 2 in)	
10	Dump clearance at maximum lift and 45° dump	2828 mm (9 ft 3 in)	3335 mm (10 ft 11 in)	
11	Bucket clearance at maximum lift and level	3556 mm (11 ft 8 in)	4063 mm (13 ft 4 in)	
12	Bucket pin height at maximum lift	3881 mm (12 ft 9 in)	4387 mm (14 ft 5 in)	
13	Overall height – bucket raised	5178 mm (16 ft 12 in)	5684 mm (18 ft 8 in)	
14	Reach at maximum lift and 45° dump	992 mm (3 ft 3 in)	993 mm (3 ft 3 in)	
15	Rack back angle at maximum lift	58°	62°	
16	Dump angle at maximum lift	45°	45°	
17	Rack back angle at ground	50°	50°	
18	Rack back angle at carry	51°	54°	
19	Carry height	435 mm (1 ft 5 in)	592 mm (1 ft 11 in)	
20	Digging depth	64 mm (3 in)	75 mm (3 in)	

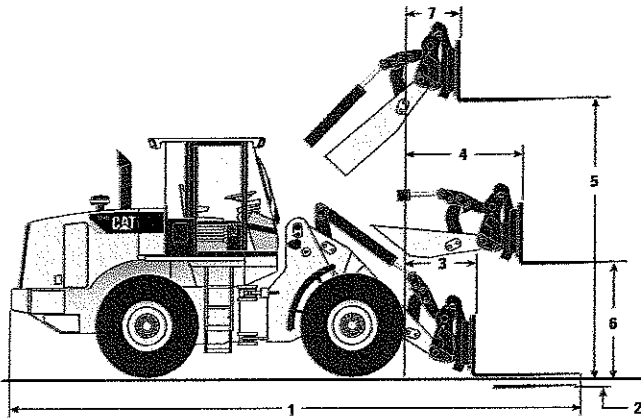
Dimensions listed are for 924H with 1.8 m³ (2.4 yd³) hook-on bucket with bolt-on cutting edge, standard cab, optional counterweights, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, 80 kg (176 lb) operator and Michelin 20.5 R25 L3 XHA tires.

	20.5 R25 L3 XHA Tires		17.5-25 12PR (L-2) Tires	
21	Width at tread center	1890 mm (6 ft 2 in)	1890 mm (6 ft 2 in)	
22	Overall width over tires	2502 mm (8 ft 3 in)	2366 mm (7 ft 9 in)	
23	Minimum turning radius over tires	5104 mm (16 ft 9 in)	5070 mm (16 ft 8 in)	
24	Minimum turning radius over bucket at ground level	5633 mm (18 ft 6 in)	5675 mm (18 ft 7 in)	
25	Steering angle – left/right	40°	40°	
	Change in vertical dimension	no change	no change	-44 mm (-2 in)

924H Wheel Loader Specifications

Dimensions with Pallet Forks

All dimensions are approximate. Dimensions vary with fork length. Refer to Operating Specifications chart below.



		Standard VersaLink					
		Fork Tine Length					
		1220 mm (4 ft 0 in)	1370 mm (4 ft 6 in)	1524 mm (5 ft 0 in)			
1	7604 mm (24 ft 11 in)	7769 mm (25 ft 6 in)	7908 mm (26 ft 0 in)				
2	-33 mm (-1.3 in)	-33 mm (-1.3 in)	-33 mm (-1.3 in)				
3	871 mm (2 ft 10 in)	886 mm (2 ft 11 in)	871 mm (2 ft 10 in)				
4	1562 mm (5 ft 1 in)	1577 mm (5 ft 2 in)	1562 mm (5 ft 1 in)				
5	3637 mm (11 ft 11 in)	3652 mm (12 ft 0 in)	3637 mm (11 ft 11 in)				
6	1790 mm (5 ft 10 in)	1805 mm (5 ft 11 in)	1790 mm (5 ft 10 in)				
7	762 mm (2 ft 6 in)	777 mm (2 ft 7 in)	762 mm (2 ft 6 in)				
		High Lift VersaLink					
1	8113 mm (26 ft 7 in)	8278 mm (27 ft 2 in)	8417 mm (27 ft 8 in)				
2	-43 mm (-1.7 in)	-43 mm (-1.7 in)	-43 mm (-1.7 in)				
3	1379 mm (4 ft 6 in)	1394 mm (5 ft 0 in)	1379 mm (5 ft 0 in)				
4	1953 mm (6 ft 5 in)	1968 mm (6 ft 5 in)	1953 mm (6 ft 5 in)				
5	4145 mm (13 ft 7 in)	4160 mm (13 ft 8 in)	4145 mm (13 ft 7 in)				
6	1790 mm (5 ft 10 in)	1805 mm (5 ft 11 in)	1790 mm (5 ft 10 in)				
7	762 mm (2 ft 6 in)	777 mm (2 ft 7 in)	762 mm (2 ft 6 in)				

Operating Specifications with Pallet Forks

		Fork Tine Length					
Standard VersaLink		1220 mm (4 ft 0 in)	1370 mm (4 ft 6 in)	1524 mm (5 ft 0 in)			
Operating load:							
Per SAE J1197 FEB91 (50% of FTSTL)		2724 kg (6,005 lb)	2616 kg (5,767 lb)	2552 kg (5,626 lb)			
Per EN 474-3, rough terrain (60% of FTSTL)		3279 kg (7,229 lb)	3230 kg (7,121 lb)	3232 kg (7,125 lb)			
Per EN 474-3, firm & level ground (80% of FTSTL)		4372 kg (9,639 lb)	4306 kg (9,493 lb)	4309 kg (9,500 lb)			
Load center:							
Per SAE J1197		610 mm (24 in)	685 mm (27 in)	762 mm (30 in)			
Per EN 474-3		600 mm (23.6 in)	600 mm (23.6 in)	600 mm (23.6 in)			
Static tipping load with level arm and forks, straight*		6200 kg (13,669 lb)	5962 kg (13,144 lb)	5820 kg (12,831 lb)			
Static tipping load with level arms and forks, full 40° turn*		5447 kg (12,009 lb)	5231 kg (11,532 lb)	5103 kg (11,250 lb)			
Operating weight*		11 209 kg (24,712 lb)	11 268 kg (24,842 lb)	11 298 kg (24,908 lb)			
High Lift VersaLink							
Operating load:							
Per SAE J1197 FEB91 (50% of FTSTL)		2329 kg (5,135 lb)	2241 kg (4,941 lb)	2189 kg (4,826 lb)			
Per EN 474-3, rough terrain (60% of FTSTL)		2803 kg (6,180 lb)	2758 kg (6,080 lb)	2755 kg (6,074 lb)			
Per EN 474-3, firm & level ground (80% of FTSTL)		3738 kg (8,241 lb)	3677 kg (8,106 lb)	3674 kg (8,100 lb)			
Load center:							
Per SAE J1197		610 mm (24 in)	685 mm (27 in)	762 mm (30 in)			
Per EN 474-3		600 mm (23.6 in)	600 mm (23.6 in)	600 mm (23.6 in)			
Static tipping load with level arms and forks, straight*		5322 kg (11,733 lb)	5128 kg (11,305 lb)	5013 kg (11,052 lb)			
Static tipping load with level arms and forks, full 40° turn*		4658 kg (10,269 lb)	4481 kg (9,879 lb)	4378 kg (9,652 lb)			
Operating weight*		11 327 kg (24,972 lb)	11 386 kg (25,102 lb)	11 417 kg (25,170 lb)			

* Static tipping and operating weights shown are for 924H with 1.8 m³ (2.4 yd³) hook-on bucket with bolt-on cutting edge, standard cab, optional counterweights, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, 80 kg (176 lb) operator and Michelin 20.5 R25 L3 XHA tires. Tipping load is defined by SAEJ732 JUN92.

Standard VersaLink

Operating Specifications with Bucket

		Coupler Buckets			Pin-On Buckets		
		Bolt-On Cutting Edge			Bolt-On Cutting Edge		
Rated bucket capacity (§)	m ³	1.8	2.1	2.8	1.8	2.1	2.8
	yd ³	2.4	2.7	3.7	2.4	2.7	3.7
Struck capacity (§)	m ³	1.5	1.7	2.3	1.5	1.7	2.3
	yd ³	2.0	2.2	3.0	2.0	2.2	3.0
Bucket width	mm	2550	2550	2550	2550	2550	2550
	ft/in	8'4"	8'4"	8'4"	8'4"	8'4"	8'4"
10 Dump clearance at full lift and 45° discharge (§)	mm	2828	2759	2621	2918	2849	2712
	ft/in	9'3"	9'1"	8'7"	9'7"	9'4"	8'11"
14 Reach at full lift and 45° discharge (§)	mm	992	1060	1197	885	957	1093
	ft/in	3'3"	3'6"	3'11"	2'11"	3'2"	3'7"
Reach at 45° discharge and 2130 mm (7'0") clearance (§)	mm	1516	1548	1603	1453	1491	1553
	ft/in	5'0"	5'1"	5'3"	4'9"	4'11"	5'1"
Reach with lift arms horizontal and bucket level	mm	2296	2392	2586	2156	2255	2442
	ft/in	7'6"	7'10"	8'6"	7'1"	7'5"	8'0"
20 Digging depth (§)	mm	64	72	89	64	70	87
	in	2.5"	2.8"	3.5"	2.5"	2.8"	3.4"
6 Overall length	mm	7147	7251	7460	7007	7112	7320
	ft/in	23'5"	23'9"	24'6"	23'0"	23'4"	24'0"
13 Overall height with bucket at full raise (§)	mm	5067	5194	5328	4966	5095	5152
	ft/in	16'7"	17'0"	17'6"	16'4"	16'9"	16'11"
24 Loader clearance radius with bucket in carry position (§)	mm	5568	5597	5658	5530	5558	5616
	ft/in	18'3"	18'4"	18'7"	18'2"	18'3"	18'5"
Static tipping load straight (§)	kg	8310	8126	7871	8738	8557	8272
	lb	18,320	17,916	17,353	19,265	18,866	18,236
Static tipping load full 40° turn (§)	kg	7276	7098	6859	7666	7490	7222
	lb	16,041	15,647	15,122	16,900	16,512	15,923
Breakout force (§)	kg	9857	9003	7706	11 336	10 250	8626
	lb	21,731	19,848	16,989	24,992	22,597	19,017
Operating weight	kg	11 501	11 635	11 744	11 379	11 515	11 638
	lb	25,355	25,651	25,891	25,087	25,386	25,658

Static tipping and operating weights shown are for 924H with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and Michelin 20.5 R25 L3 XHA tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE), including SAE-Standards J732 JUN92 and J742 FEB85 governing ratings.

Other Ground Engaging Tools available, consult your Cat dealer.

924H Wheel Loader Specifications

High Lift VersaLink

Operating Specifications with Bucket

		Coupler Buckets Bolt-On Cutting Edge			Pin-On Buckets
					Bolt-On Cutting Edge
Rated bucket capacity (§)	m ³	1.8	2.1	2.8	2.8
	yd ³	2.4	2.7	3.7	3.7
Struck capacity (§)	m ³	1.5	1.7	2.3	2.3
	yd ³	2.0	2.2	3.0	3.0
Bucket width	mm	2550	2550	2550	2550
	ft/in	8'4"	8'4"	8'4"	8'4"
10 Dump clearance at full lift and 45° discharge (§)	mm	3335	3267	3129	3220
	ft/in	10'11"	10'9"	10'3"	10'7"
14 Reach at full lift and 45° discharge (§)	mm	992	1060	1197	1093
	ft/in	3'3"	3'6"	3'11"	3'7"
Reach at 45° discharge and 2130 mm (7'0") clearance (§)	mm	1947	1985	2054	1995
	ft/in	6'5"	6'6"	6'9"	6'7"
Reach with lift arms horizontal and bucket level	mm	2686	2783	2976	2838
	ft/in	8'10"	9'2"	9'9"	9'4"
20 Digging depth (§)	mm	74	82	99	97
	in	2.9"	3.2"	3.9"	3.8"
6 Overall length	mm	7649	7752	7957	7818
	ft/in	25'1"	25'5"	26'1"	25'8"
13 Overall height with bucket at full raise (§)	mm	5574	5702	5836	5660
	ft/in	18'3"	18'8"	19'2"	18'7"
24 Loader clearance radius with bucket in carry position (§)	mm	5828	5861	5931	5885
	ft/in	19'1"	19'3"	19'6"	19'4"
Static tipping load straight (§)	kg	6789	6621	6410	6718
	lb	14,968	14,596	14,131	14,810
Static tipping load full 40° turn (§)	kg	5916	5751	5552	5833
	lb	13,042	12,679	12,240	12,860
Breakout force (§)	kg	9857	9003	7706	8626
	lb	21,731	19,848	16,989	19,017
Operating weight	kg	11 620	11 754	11 863	11 757
	lb	25,618	25,913	26,154	25,920

Static tipping and operating weights shown are for 924H with cab with A/C, optional counterweight, limited slip axles, heavy duty rear brakes, additional guarding, sound suppression, work tool, 80 kg (176 lb) operator and Michelin 20.5 R25 L3 XHA tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE), including SAE-Standards J732 JUN92 and J742 FEB85 governing ratings.

Other Ground Engaging Tools available, consult your Cat dealer.

Supplemental Specifications

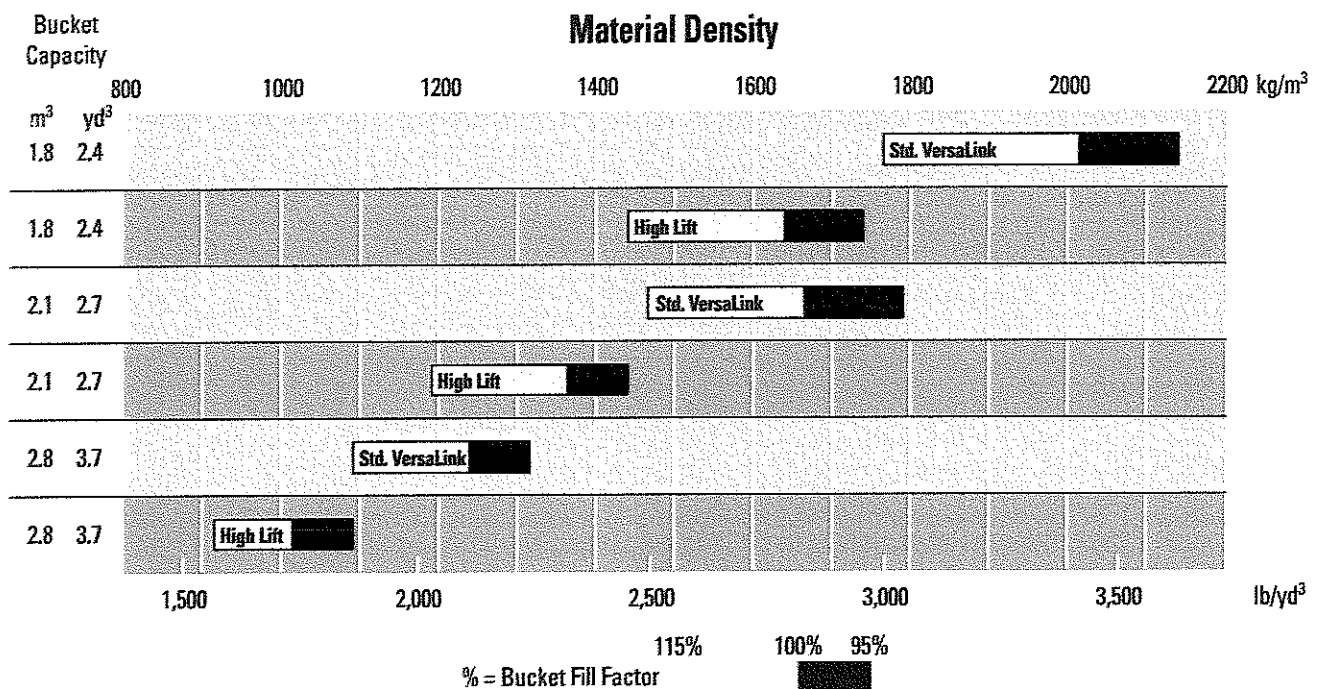
	Change in Operating Weight		Change in Articulated Static Tipping Load with Hook-On Bucket 1.8 m ³ (2.4 yd ³)	
	kg	lb	kg	lb
Canopy, ROPS (less cab)	-199	-438	-166	-365
Without optional counterweights (175 kg/385 lb)	-175	-385	-273	-601
Without guard, crankcase	-15	-33	-19	-42
Without guard, driveshaft	-17	-37	-5	-11
Without guard, power train	-52	-114	-47	-103
Without ride control system	-40	-88	-27	-59
Without secondary steering	-37	-81	-31	-68
Tires, 1-piece rims				
17.5-25, 12PR (L-2)	-652	-1,434	-371	-816
17.5-25, 12PR (L-3)	-580	-1,276	-330	-726
17.5-25, radial (L-2)	-612	-1,346	-348	-766
17.5-25, radial (L-3)	-512	-1,126	-292	-642
Tires, 3-piece rims				
17.5-25, 12PR (L-2)	-528	-1,162	-301	-662
17.5-25, 12PR (L-3)	-456	-1,003	-260	-572
17.5-25, radial (L-2)	-488	-1,074	-278	-612
17.5-25, radial (L-3)	-388	-854	-221	-486
550/65 R25, radial (L-2)	-196	-431	-112	-246
550/65 R25, radial (L-3)	-136	-299	-78	-172
20.5-25, 12PR (L-2)	-240	-528	-134	-295
20.5-25, 12PR (L-3)	-36	-79	-21	-46
20.5-25, radial (L-2)	-172	-378	-98	-216
20.5-25, radial (L-3)	0	0	0	0

924H Wheel Loader Specifications

Typical Material Densities – Loose

	kg/m ³	lb/yd ³		kg/m ³	lb/yd ³
Basalt	1960	3,305	Gypsum		
Bauxite, Kaolin	1420	2,394	broken	1810	3,052
Clay			crushed	1600	2,698
natural bed	1660	2,799	Limestone		
dry	1480	2,495	broken	1540	2,596
wet	1660	2,799	crushed	1540	2,596
Clay and gravel			Sand		
dry	1420	2,394	dry, loose	1420	2,394
wet	1540	2,596	damp	1690	2,849
Decomposed rock			wet	1840	3,102
75% rock, 25% earth	1960	3,305	Sand and clay		
50% rock, 50% earth	1720	2,900	loose	1600	2,698
25% rock, 75% earth	1570	2,647	Sand and gravel		
Earth			dry	1720	2,900
dry, packed	1510	2,546	wet	2020	3,416
wet, excavated	1600	2,698	Sandstone	1510	2,546
Granite			Shale	1250	2,107
broken	1660	2,799	Slag		
Gravel			broken	1750	2,950
pitrun	1930	3,254	Stone		
dry	1510	2,546	crushed	1600	2,698
dry, 6-50 mm (0.2-2")	1690	2,849	Wood chips	400	680
wet, 6-50 mm (0.2-2")	2020	3,406			

Bucket Selection – Coupler Buckets



Standard equipment may vary. Consult your Caterpillar dealer for details.

ELECTRICAL

Alternator, 95-amp brushless
 Alarm, back-up
 Batteries, maintenance-free, 950 CCA, (2)
 Directional signals (front & rear)
 Starting and charging system, 24V
 Halogen work lights (front & rear)
 Ignition key start/stop switch
 Rooding lights
 Starting aid, thermal
 Switch, battery disconnect

OPERATOR ENVIRONMENT

Standard two door cab includes all of the following items:

Air conditioner, heater/defroster
 Sliding glass door windows
 Radio ready
 12 volt electrical accessory outlet
 Sealed Instrument Gauge:

- Engine RPM
- Hydraulic oil temperature
- Engine coolant temperature
- Torque converter oil temperature
- Fuel level
- Digital LED speedometer, hour meter/odometer

Indicator Lights:

- Turn signal
- Primary steering malfunction
- Hydraulic oil bypass
- Parking brake applied
- Brake charge pressure low
- Transmission oil temperature
- General warning
- Electrical system voltage low
- Fuel water separator
- Engine oil temperature
- Bright lights activated

Adjustable tilt steering column
 Coat hook
 Ground level door release

Horn, steering wheel mounted (electric)
 Hydraulic control lever lockout
 Interior light
 Lighter
 Lunch box storage with cup holder
 Pilot hydraulic implement controls
 Rear window defroster, electric
 Rear view mirrors (2 inside)
 Seat, adjustable suspension, armrest (fabric or vinyl)
 Seat belt, 75 mm (3 in), retractable
 Tinted safety glass, front
 Tool box
 Wet arm wiper/washer (front & rear), front intermittent

POWER TRAIN

Engine, Cat C6.6 ACERT

- Low emission diesel engine
- Noise reduction technology
- Smart waste gate turbocharged
- Aftercooled
- Filtered Breather
- Electronically controlled

Air cleaner, dry type
 Axle seal guards, integrated
 Automatic tensioning poly-V belt
 Brakes, enclosed wet-disc full hydraulic
 Differentials, diff-lock on front
 Differentials, conventional rear
 Driveshaft, lubed for life
 Electric fuel prime pump
 Engine speed control
 Fuel/water separator
 Muffler
 Radiator, unit serviceable
 S•O•S oil sampling port, engine oil
 S•O•S oil sampling port, transmission oil
 Torque converter
 Transmission, 4F/3R, autoshift, single lever control with F/N/R and kickdown button
 Transmission neutralizer; operator programmable

HYDRAULICS

Hydraulic diagnostic connectors
 Heavy duty hydraulic oil cooler
 Hydraulic control, 3-valve, 2-lever with F/N/R
 Hydraulics, third function
 Load-sensing hydraulic system
 Load-sensing steering system
 S•O•SSM oil sampling port, hydraulic oil
 S•O•S coolant sampling port

OTHER STANDARD EQUIPMENT

Antifreeze/coolant, extended-life protects to -36° C (-33° F)
 Automatic bucket positioner/fork positioner
 Brakes, secondary and parking
 Counterweight
 Coupler controls and lines
 Engine enclosure, lockable
 Fenders, front
 Hitch, recovery
 Loader linkage, VersaLink
 Lift kickout, automatic
 Machine Security System ready
 Product Link ready
 Remote grease lines
 Steering stops, cushioned
 Swing-out, hydraulically driven demand fan
 Vandalism protection, lockable service points
 Visual indicators:

- air cleaner service
- coolant level
- hydraulic oil
- transmission oil

924H Optional Equipment

Optional equipment may vary. Consult your Caterpillar dealer for details.

Antifreeze/coolant, extended-life, protects to
-50° C (-58° F)

Axles:

- Rear, Limited Slip Differential
- Rear, Limited Slip Differential with heavy duty brakes (axle oil cooler included)

Beacon light, rotating or strobe, magnetic-mount

Buckets/ground engaging tools

Canopy, ROPS

Counterweight, additional, optional

Deluxe Cab arrangement includes:

- External heated mirrors
- Sunscreen
- Sun shade
- Flood lights, auxiliary Halogen or HID, cab mounted

Fan, reversing

Fenders, roading, rear

Fenders, steel

Guards:

- Crankcase
- Driveshaft, front
- Power train
- Lights
- Windshield
- Radiator

Hydraulic control auxiliary; third and fourth valve

Integrated third function hydraulic joystick control

Linkage, high lift

Load check valves (dealer installed)

Low speed transmission

Machine Security System

Material handling arm

Pallet forks, carriage

Pallet forks, carriage, wide version

Product Link

Quick Coupler, IT style

Radiator, wide fin spacing, 5.5 fpi

Radio packages:

- Radio, AM/FM
- Radio, AM/FM with CD player

Rear-view camera system

Ride Control System

Seats:

- Cat Contour Seat, fabric, with adjustable backrest and lumbar support
- Cat Contour Seat, fabric, electrically adjustable with air suspension

Sound suppression package, available in select markets

Starting aid, engine coolant heater, 120V

Starting aid, ether

Steering, secondary

Tires:

- Bias ply, 17.5-25 and 20.5-25
- Radial, 17.5-R25, 20.5-R25 and 550/65 R25

924H Wheel Loader

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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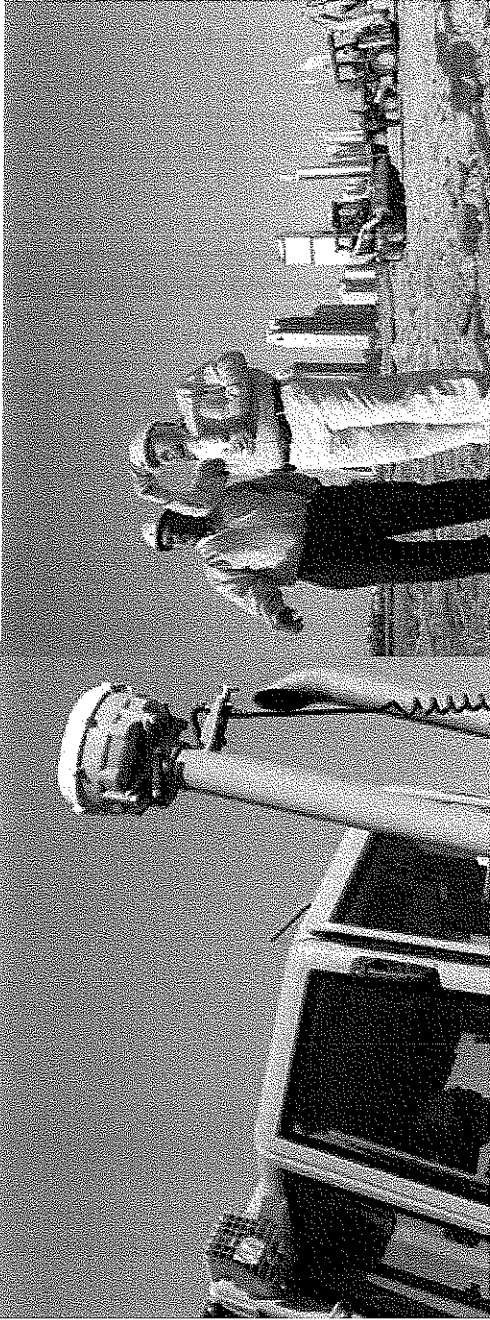
Materials and specifications are subject to change without notice. Featured machines may include additional equipment. See your Caterpillar dealer for available options.

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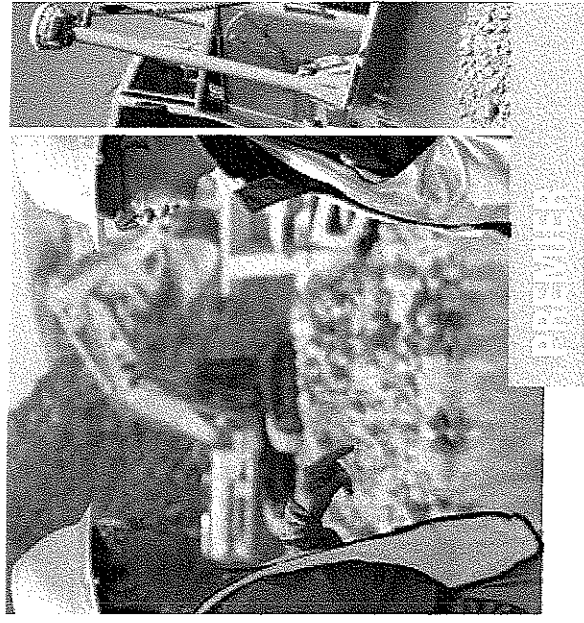
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CATERPILLAR®



THE RIGHT
MACHINE
THE RIGHT
PLAN

Cat® Equipment Protection Plan



PREMIER

Our most comprehensive coverage includes powertrain and hydraulic components, as well as additional electrical and structural components. Powertrain components produce, transmit or control engine horsepower for moving the machine. Hydraulic components are associated with steering and implement control.

Contact your local Cat dealer today or visit

www.cat.com/epp

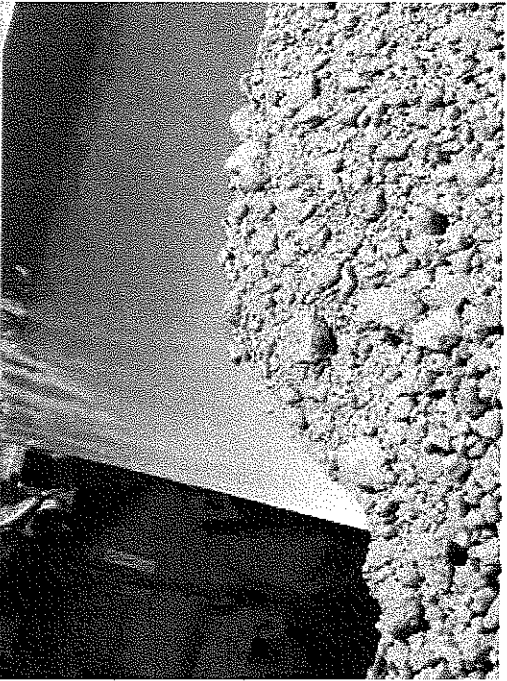
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AEX00502

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TODAY'S WORK. TOMORROW'S WORLD.™

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CATERPILLAR®

CONTROL YOUR COSTS MINIMIZE YOUR RISKS

This plan safeguards your investments in new and Cat Certified Used* machines beyond the standard warranty period. It includes all parts and labor to protect you against failures caused by defects in materials and workmanship. With the Premier Equipment Protection Plan, you can increase the predictability of service and maintenance costs—and reduce unplanned downtime.

*Product availability varies by region.

COVERED COMPONENTS

Balancer
 Fuel Pump / Governor Drive
 Oil Cooler
 Radiator
 Exhaust / Muffler
 Manifolds
 Fan Motor
 Water Pump
 Fuel Injection Pumps
 Injectors
 Lift / Transfer Pump
 Sensors / Solenoids / Sensors
 Thermostat
 Flywheel & Torque Converter
 Engine Oil Filter Mount
 Turbocharger
 Starter
 Alternator
 AC Compressor / Condenser
 Electronic Control Modules
 Governor / Speed Controls & Linkages
 Fuel Lines
 Water Piping
 Oil Hoses / Lines (non-hydrostatic)
 Piston
 Piston Rings
 Piston & Connecting Rod
 Crankshaft, Main Bearings & Rod Bearings
 Camshaft & Camshaft Bearings
 Timing Chain / Belt
 Inlet / Exhaust Valve
 Valve Cover & Base
 Valve Spring & Guide
 Rocker Arm
 Rocker Shaft Assembly
 Push Rod
 Engine - Internal Components
 Engine Oil Filter
 Fan & Fan Drive
 Transmission
 Transmission Oil Lines
 Hydraulic Controls
 Transmission Oil Filter Base
 Transmission Gears
 Final Drives / Planetary Drive Shafts
 Transfer Case
 Wet Brake Assemblies
 Hydrostatic Pumps & Drive Motors
 Linkage / Lines Connected to Hysterat Pump
 Drive (pilot/ehl) Control Valves
 Senders / Sensors
 Powertrain Transmission Lines / Hoses
 Transmission Oil Tank
 Drive Train Oil Lines
 Bevel and Transfer Case
 Axles
 Axle Seals
 Final Drive & Wheel
 Final Drive Case / Bore
 Final Drive Chain
 Final Drive Gears
 Axle Shaft
 Drive Axle Oil Pump
 Countershaft, Transmission

WHAT WE DO

- Perform necessary inspections to confirm eligibility
- Install parts approved by Caterpillar on covered repairs
- Validate your enrollment in the program

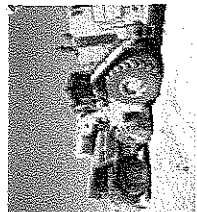
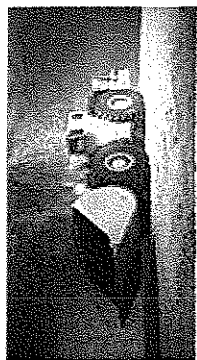
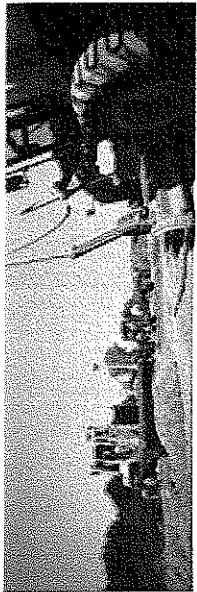
WHAT YOU DO

- Operate equipment according to the Cat Operation & Maintenance Manual (OMM)
- Have recommended preventive maintenance performed at intervals specified in the OMM
- Upon request, provide proof of preventive maintenance compliance (receipts, copies of work orders, invoices)
- Promptly provide the machine for repair in the event of a covered failure

EXCLUSIONS

If a component is not listed, it may not be included in the plan. Other exclusions include:

- > Improper or abusive use of the machine
 - > Lubricating oil, antifreeze, filters, consumables and other maintenance items replaced during the covered component repair, unless such items are rendered unusable by a covered component failure
 - > Failures caused by normal wear-out
 - > Freight charges for parts shipments
 - > Travel time and mileage involved in getting to a job site
 - > Hauling costs and / or retrieval costs
 - > Overtime labor costs
 - > Repair costs resulting from the failure of any non-covered components
 - > Downtime loss
 - > Equipment rental charges
 - > Any incidental / consequential damages or costs incurred as a result of a covered component failure.
 - > Modifications unless approved by Caterpillar
- Examples of covered and excluded components or items are listed here. The actual dealer contract will govern. For a complete list of included components and more information on Cat Equipment Protection Plans, contact your local Cat dealer.**



Rev. 09/08

State of West Virginia
VENDOR PREFERENCE CERTIFICATE

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

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

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

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

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

Bidder: C.I. WALKER MACHINERY Signed: Mark S. Com

Date: 3/23/11 Title: SALES REPRESENTATIVE

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

RFQ No. 7011EC16

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: C.I. WALKER MACHINERY Co.

Authorized Signature: M. C. [Signature] Date: 3/24/11

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 24 day of December, 2011.

My Commission expires August 8, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC Rena Renee Moles

