



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

7011EC22A

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

PAUL REYNOLDS
304-558-0468

*709035731 304-949-6400
CECIL I WALKER MACHINERY COMPA
PO BOX 2427

CHARLESTON WV 25329

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		
10/12/2011						
BID OPENING DATE: 10/19/2011		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	EA		760-47	\$88,065.00	\$88,065.00
4 WHEEL DRIVE RUBBER TIRED ENDLOADER						
REQUEST FOR QUOTATION						
OPEN END CONTRACT						
THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF HIGHWAYS IS SOLICITING BIDS FOR AND OPEN END CONTRACT TO PROVIDE 4 WHEEL DRIVE RUBBER TIRED ENDLOADER PER THE ATTACHED SPECIFICATIONS.						
TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO PAUL REYNOLDS IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT PAUL.REYNOLDS@WV.GOV. ATTACHED FIND WORD DOCUMENT FOR SUBMITTING TECHNICAL QUESTIONS. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 10/14/2011 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 FOR TECHNICAL QUESTIONS HAS LAPSED.						
EXHIBIT 2						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE UPON AWARD AND EXTENDS FOR A PERIOD OF ONE (1)						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>M. S. Conn</i>		TELEPHONE (304) 543-5406		DATE 10/24/11		
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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CHARLESTON WV 25329

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DIVISION OF HIGHWAYS
EQUIPMENT DIVISION
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BRUSHY FORK ROAD
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<p>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> <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 TH</p>						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>M. J. 2. Comm</i>			TELEPHONE (304) 543-5406		DATE 10/24/11	
TITLE <i>Sales Rep.</i>		FEIN 55-0352647		ADDRESS CHANGES TO BE NOTED ABOVE		

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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.						
ORDERING PROCEDURE: SPENDING UNIT(S) SHALL ISSUE A WRITTEN EQUIPMENT CONTRACT ORDER (FORM NUMBER WV-35) FOR COMMODITIES COVERED BY THIS CONTRACT. THE ORIGINAL WV-35 MUST BE SENT TO THE PURCHASING DIVISION OF THE DEPARTMENT OF ADMINISTRATION. AFTER APPROVAL AND ENCUMBRANCE, ONE COPY OF THE PURCHASE ORDER WILL BE RETURNED TO THE SPENDING UNIT AND ONE COPY FORWARDED TO THE VENDOR AS AUTHORIZATION FOR SHIPMENT. NO ORDER IS VALID UNLESS APPROVED AND ENCUMBERED BY THE PURCHASING DIVISION.						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FUTHER ORDER.						
REV. 5/2009						
EXHIBIT 4						
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.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>M. J. Conn</i>	TELEPHONE (304) 543-5406	DATE 10/24/11
TITLE Sales Rep.	FEIN 55-0352447	ADDRESS CHANGES TO BE NOTED ABOVE

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10/12/2011						
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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
REV. 3/88						
NOTICE						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER:		PAUL REYNOLDS		FILE 33		
RFQ. NO.:		7011EC22A				
BID OPENING DATE:		10/19/2011				
BID OPENING TIME:		01:30 P.M.				
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 -----						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE		DATE		
Matthew E. Conner		(304) 543-5406		10/24/11		
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		
Sales Rep.		55-0352047				

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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
EQUIPMENT DIVISION

PROCUREMENT SPECIFICATIONS
NO. 353-1-V

4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER

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.

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 calendar 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 guaranteed by manufacturer excluding abuse and normal wear items is required for this unit without modification.

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 18,000 pounds (exclusive of tire ballast).

8.1.1 Unit shall have a breakout force of 14,000 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 12,000 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 105 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 to be a minimum power rating of 98 HP

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.
Engine shall have a cold weather starting system consisting of an electric intake manifold pre-heater.

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 60 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 fully hydrostatic with one (1) engine driven pump and two (2) drive motors (hi/low speed) with dynamic breaking inching pedals and a control panel for speed control.**

8.16.2 Transmission to have high/low forward and reverse

8.16.3 **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 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 and/or hydraulic oil temperature indicator or hydraulic filter bypass indicator.

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

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

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

8.25 Bucket:

8.25.1 The general purpose bucket shall be 1.45 cubic yard minimum

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 manufacturers standard paint color.

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-V

4 WHEEL DRIVE, RUBBER TIRED, ENDLOADER

NOTE TO BIDDER: Procurement Specification No. 353-1-S, 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.: 7011EC22A

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

X5.1 Price per unit:

X6.0 SPECIFICATIONS - GENERAL

Caterpillar, IT14G, 2011 model

If not, why? _____

 X **YES** **NO**

x **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 guaranteed by manufacturer excluding abuse and normal wear items included? ☒ YES ☐ NO
Describe:

Caterpillar 2 year bumper to bumper basic parts and labor warranty

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)

Caterpillar 2 year bumper to bumper basic parts and labor 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 our Nitro facility, (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: 0 % discount
B.	Terms: Net 60	Manufacturer's published list price less: 0 % discount
C.	Terms: Net 90	Manufacturer's published list price less: 0 % discount

5. During the term of warranty, will all manufacturers or engineering improvements be submitted to Division of Highways? ☒ 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: IT14G

X8.0 Endloader Specification:

X8.1 Operating weight: 18,632 pounds (exclusive of tire ballast)

X8.1.1 Breakout force: 17,342 pounds

X8.2 Overall length (bucket lowered): 21'1" foot

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

☒ YES ☐ NO

X8.3.1 Tipping load straight: 12,218 pounds

X8.4 Overall height: 10'2" to top of cab

- X8.4.1 Dumping clearance at maximum height and 45° dump angle: 115 inches**
- X8.5 Are units provided with a quick coupler system for interchangeability of attachments, controlled from operator station** ☒ **YES** ☐ **NO**
- X8.6 Do machine(s) have vandalism package/keyed alike?** ☒ **YES** ☐ **NO**
- X8.7 Are daily services done from ground level?** ☒ **YES** ☐ **NO**
- X8.8 Engine:**
- X8.8.1 Engine to be a minimum power rating of 98 HP** 101 HP
- X8.8.2 Is unit equipped with manufacturer's standard governor with key shut off, wire sealed by Manufacturer?** ☒ **YES** ☐ **NO**
- X8.8.3 Engine equipped with an engine block water heating element?** ☒ **YES** ☐ **NO**
- Does engine have cold weather starting system consisting of an electric intake manifold pre-heater** ☒ **YES** ☐ **NO**
- X8.9 Engine Lubrication:**
- X8.9.1 Has full pressure lubrication with oil filter and oil by-pass system?** ☒ **YES** ☐ **NO**
- X8.9.2 Is engine equipped with oil cooler?** ☒ **YES** ☐ **NO**
- X8.10 Cooling System:**
- X8.10.1 Is cooling system of manufacturers maximum to allow full capability of operation for all seasons?** ☒ **YES** ☐ **NO**
- X8.10.2 Cooling system supplied with Dex-Cool or equal extended life anti freeze to -34°F?** ☒ **YES** ☐ **NO**
- X8.10.3 Is coolant filter provided if recommended manufacturer for this application?** ☒ **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 900 reserve capacity 170

X8.14 Charging System:

X8.14.1 Alternator AMPS: 80 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 Transmission is to have high/low, forward and reverse with a ground speed of minimum of 23 mph. *SEE APPENDUM* ☒ YES ☐ NO

X8.16.2 Does transmission have high/low ☒ YES ☐ NO

forward and reverse ☒ YES ☐ NO

X8.16.3 Is neutral start switch provided for safety purposes?

☒ YES ☐ NO

X8.17 Differential:

X8.17.1 Is front and rear differential manufacturers conventional type? ☒ YES ☐ NO

X8.18 Axles:

X8.18.1 Is front axle fixed? ☒ YES ☐ NO

X8.18.2 Oscillation of rear axle: 11 degrees

X8.19 Brakes:

X8.19.1 Is Manufacturers recommended emergency braking system provided? ☒ YES ☐ NO

X8.19.2 Is emergency brake independent of service brake? ☒ YES ☐ NO

X8.19.3 Are service brakes powered assisted hydraulic actuated? ☒ YES ☐ NO

X8.19.4 Are service brakes wet disk type? ☒ YES ☐ NO

X8.20 Hydraulic System:

X8.20.1 Does unit provide hydraulic lift, lower, dump, roll back and float ☒ YES ☐ NO

Does unit have third spool auxiliary valve and cab controller ☒ YES ☐ NO

X8.20.2 Are hydraulic cylinders double action chrome plated piston type? ☒ YES ☐ NO

X8.20.3 Is hydraulic oil cooler provided if recommended by manufacturer? ☒ YES ☐ NO

X8.20.4 Is sight glass provided for daily service checks? ☒ YES ☐ NO

X8.20.5 Hydraulic system relief pressure: 3,560 P.S.I.

X8.20.6 Is Manufacturers standard hydraulic filtering system provided? ☒ 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 6.5 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 tramming 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 Does unit have Class 1 LED beacon, amber ☒ 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 Transmission oil and/or hydraulic oil temperature indicator or hydraulic filter bypass indicator? ☒ YES ☐ NO

X8.24.9 All features considered to be standard equipment not addressed above:

Parallel Lift Linkage for better operator visibility and control of loads

X8.24.10 Will unit be delivered to WV DOH with manufacturer's safety decals and features intact? ☒ **YES** ☐ **NO**

X8.24.11 Is one (1) complete set of replacement filters for each unit provided? ☒ **YES** ☐ **NO**

X8.25 Bucket:

X8.25.1 General purpose bucket shall be 1.4 cubic yard minimum. Yes

X8.25.2 Bucket width: 94.5 inches

X8.25.3 Bucket roll back 49 **degrees at ground level and dump at full height**
57 **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): 6.9 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: 3/8 inch side plates and 60 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 See exception 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: 12.9 feet

X8.28 Paint:

X8.28.1 Is endloader painted manufacturers standard color?

☒ 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

C.I. Walker Machinery Co.
Exceptions to RFQ 7011EC22A
All exceptions are on non-mandatory specs

- X8.1 Operating weight to be approximately 18,000 pounds (exclusive of tire ballast).

 The IT14G is 18,632 pounds
- X8.2 Overall length (bucket lowered) 23 foot approximately.

 The IT14G overall length with the bucket specified is 21'1".
- X8.20.5 Hydraulic system relief pressure of approximately 2500 PSI.

 The IT14G hydraulic system relief pressure is 3560 PSI.
- X8.22.13 Unit should have adjustable tilt and telescoping steering wheel for easier operator control.

 The IT14G has an adjustable tilt steering wheel, but does not telescope.
- X8.24.1 Tachometer

 The IT14G does not have a tachometer.
- X8.25.2 Bucket width to be approximately 96 inches.

 The IT14G bucket width is 94.5 inches.
- X8.25.7 Digging depth below horizontal, (bucket leveled) should be 3 inches (approximately).

 The IT14G digging depth is 6.9".
- X8.26.3 Carriage size approximately ¾ inches side plates and 60 inches wide.

 The IT14G carriage side plates are 3/8 inches wide (due to different design as listed in X8.26.6) and are 60 inches wide.
- X8.26.4 Tines/Forks are to be 6 inches wide and 48 inches long.

 The IT14G forks are 5 inches wide and 48 inches long.

X8.26.6 Tines/Forks should be mounted on approximately 2.5 inches diameter round bar and adjustable laterally 60 inches approximate.

The IT14G forks are mounted on a solid plate with pin and groove retention system. They are adjustable laterally 60 inches.

C.I. Walker Machinery Co.

10/24/11

Schedule of IT14G Wheel Loader Training

C. I. Walker Machinery Co. will provide necessary training upon delivery of IT14G wheel loaders to the West Virginia Department of Highways. This training will be offered at the Equipment Division in Buckhannon and will be open to participants as elected by the Equipment Division. This training will last one full day and will cover Preventive Maintenance as well as Operator Training. All training aids will be provided by C.I. Walker Machinery Co. This training will be offered with each purchase order number received.



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

7011EC22A

PAGE

1

ADDRESS CORRESPONDENCE TO ATTENTION OF:

PAUL REYNOLDS
304-558-0468

V
E
N
D
O
R

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

S
H
I
P
T
O

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		
10/14/2011						
BID OPENING DATE: 10/26/2011		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
BID OPENING DATE CHANGED						
FROM: 10/19/11 @1:30 P.M.						
TO: 10/26/11 @1:30 P.M.						
NO OTHER CHANGES						
0001	1	EA		760-47		
4 WHEEL DRIVE RUBBER TIRED ENDLOADER						
***** THIS IS THE END OF RFQ 7011EC22A ***** TOTAL:						\$88,065.00
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Mark S. Can...</i>			TELEPHONE (304) 543-5406		DATE 10/24/11	
TITLE SALES Rep.		FEIN 55-0352447		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).

EXHIBIT 10

REQUISITION NO. 7011EC22A

ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED
ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY
PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

NO. 1 ✓

NO. 2 ✓

NO. 3

NO. 4

NO. 5

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE
ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS. 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.



SIGNATURE

C. I. Walker Machinery Co.

COMPANY

~~to 10/31/11~~ 10/31/11

DATE

REV. 11/96



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
7011EC22A

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
PAUL REYNOLDS 304-558-0468

RFQ COPY
TYPE NAME/ADDRESS HERE

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/25/2011				

BID OPENING DATE: 11/02/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2						
CHANGES TO THE SPECIFICATIONS ATTACHED.						
BID OPENING DATE CHANGED						
FROM: 10/26/11 @ 1:30 P.M.						
TO: 11/02/11 @ 1:30 P.M.						
NO OTHER CHANGES.						
0001	1	EA		760-47		
4 WHEEL DRIVE RUBBER TIRED ENDLOADER						
***** THIS IS THE END OF RFQ 7011EC22A ***** TOTAL:						\$88,065.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE (304) 543-5406	DATE 10/31/11
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'

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.
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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*.
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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.
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3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

ADDENDUM NO. 1

7011EC22A

4 WHEEL DRIVE, RUBBER TIRE, ENDLOADER

CHANGES TO BIDDER'S EVALUATION REPORT:

FROM:

X8.16.1 Transmission is to have high/low, forward and reverse with a ground speed of minimum of 23 mph. X N

TO:

X8.16.1 Is transmission fully hydrostatic with one (1) engine driven pump and two (2) drive motors (hi/low speed) with dynamic braking inching pedals and control panel for speed control ✓ YES NO

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 Co. Signed: Mark L. Com

Date: 11/1/11 Title: SALES REPRESENTATIVE

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

RFQ No. 7011EC22ASTATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

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

DEFINITIONS:

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

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

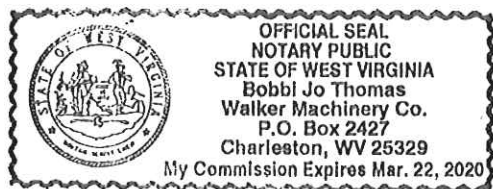
EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a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

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

WITNESS THE FOLLOWING SIGNATUREVendor's Name: C.I. WALKER MACHINERY Co.Authorized Signature: Matthew S. Conn Date: 11/1/11State of WVCounty of Kanawha, to-wit:Taken, subscribed, and sworn to before me this 1st day of November 2011My Commission expires March 22, 2020

AFFIX SEAL HERE

NOTARY PUBLIC

Bobbie Jo Thomas



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.

Learn more:

Contact your local Cat dealer today or visit

www.cat.com/epp

The information contained herein is provided solely for general information purposes only and is not intended to be a solicitation or an offer to sell any product or service, nor is the information a complete description of all the terms, conditions and exclusions applicable to the products and services described. For complete descriptions of the terms, conditions and exclusions of the Equipment Protection Plan, or other products and services, please contact your Cat dealer. The products and services referred to herein may not be available in all jurisdictions.



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CATERPILLAR®
TODAY'S WORK. TOMORROW'S WORLD™

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THE RIGHT
MACHINE
THE RIGHT
PLAN

Cat® Equipment Protection Plan



PREMIER

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

Engine & Accessories

Engine - Internal Components
Oil Cooler
Radiator
Exhaust / Muffler
Manifolds
Fan Motor
Water Pump
Fuel Injection Pumps
Injectors
Lift / Transfer Pump
Senders / 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
Fuel Tank & Assoc. Parts
Water Piping
Oil Hoses / Lines (non-hydrostatic)
Cylinder Block
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

Balance

Fuel Pump / Governor Drive
Oil Pump
Oil Pan Group
Fan & Fan Drive

Transmission

Transmissions
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 Hystat Pump
Drive (pilot/eh) Control Valves
Senders / Sensors
Powertrain Transmission Lines / Hoses
Transmission Oil Tank
Drive Train Oil Lines
Bevel and Transfer Case

Drive Line/Drive Axle

Axles
Axle Seals
Final Drive & Wheel
Final Drive Case / Bore
Final Drive Chain
Final Drive Gears
Axle Shaft
Drive Axle Oil Pump
Universal Joint
Countershaft Transmission

Steering

Steering Clutch
Steering Clutch & Brake Control Valve
Steering Gear & Valve
Power Steering Logic Module
Steering Linkage
Steering Column
Steering Console
Tie Rod

Braking System

Brake Master Cylinder
Vacuum Pump
Wheel Cylinder
Brake Caliper, Head Assembly
Control Valves
Brake Lines
Accumulator

Hydraulic Systems

Hydraulic / Steering Hoses & Lines
Hydraulic Cylinders
Hydraulic Valves & Controls
Hydraulic Accumulators
Hydraulic Oil Coolers
Hoses and Lines
Hydraulic Quick Couplers & Swivels
Hydraulic Oil Filter Mount
Hydraulic Oil Temperature Sensor
Hydraulic Oil Filter Base
Hydraulic Tanks

Electrical & Interior

Gauges / Indicators / Instruments
Wiring harnesses
Switches
Relays / Circuit breakers
Generator
Alternator / Generator
Battery Charger
Main Power Relay
Start Switch
Fuse / Circuit Breaker Panel
Circuit Board

Suspension

Automatic Grade Control
Axle Spring
Bogie Suspension
Cross Slope Control
Equalizer Bar
Equalizer Bar Center Pin Support
Equalizer Bar Support
Stabilizer
Suspension Control
Suspension Control Valve
Suspension Cylinder

Frames & Linkages

Chassis / Implement Frames
Weldment
Carbody
Main Frame

Undercarriage

Track Roller Frame
Track Adjuster
Recoil Spring

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.

914G/IT14G

Compact Wheel Loaders/
Integrated Toolcarriers

CATERPILLAR®



Engine

Model	Cat® 3054C DIT	
Net Power	71 kW	95 hp

Weights

Operating Weight – 914G	7950 kg	17,530 lb
Operating Weight – IT14G	8450 kg	18,632 lb

Buckets

Bucket Capacities	1.2 - 1.4 m ³	1.6 - 1.8 yd ³
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914G/IT14G Features

Comfortable Cab

Spacious cab and easy to use controls deliver all day comfort so you can concentrate on your work.

High Performance Power Train

Aggressive performance helps you get more done.

Loader Linkage

Loader design is built for strength and durability.

Work Tools

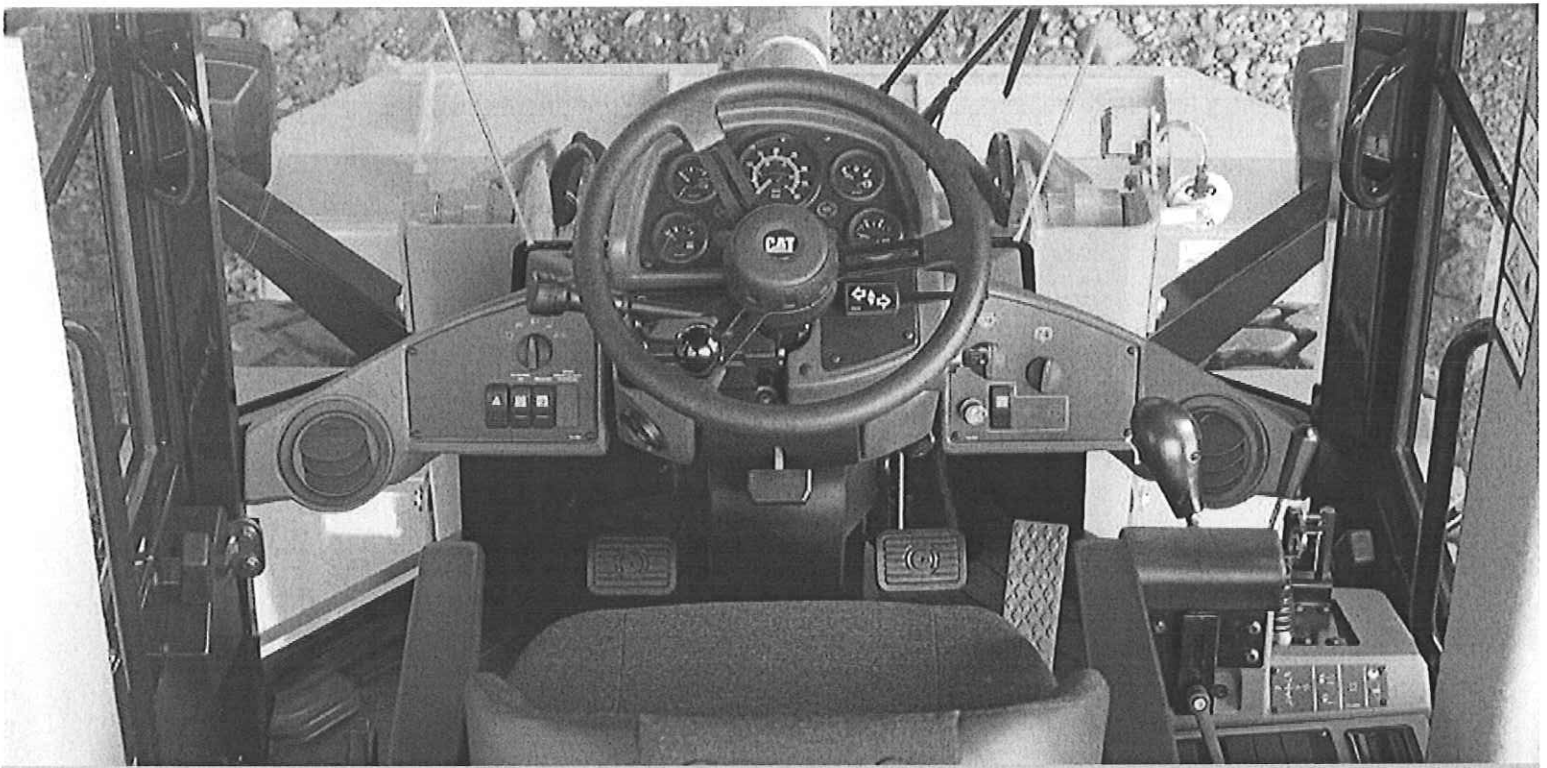
Do more jobs with one machine with the variety of Cat Work Tools.



Contents

Operator Station.....	3
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Loader.....	4
Work Tools.....	5
Serviceability.....	6
Customer Support.....	6
914G/IT14G Compact Wheel Loader/ Integrated Toolcarrier Specifications	7
914G/IT14G Standard Equipment.....	18
914G/IT14G Optional Equipment	19

The Cat® 914G/IT14G delivers strong performance, high productivity and proven reliability. Spacious cab with joystick control keeps you comfortable throughout the work day, allowing you to get more done. Loader design provides strength and durability with superior control. Expand your business with the 914G/IT14G.



Operator Station

Superior comfort keeps you productive, all day long.

Cab

The ergonomic cab provides a comfortable work environment with large windows, spacious interior room, generous storage areas and low interior sound levels. The two-door design allows easy entry and exit. Both doors open fully and lock flush against the cab. Steps leading up to the cab are wide and angled out for secure footing. The optional air suspension seat is designed for maximum comfort and fully-adjustable support. Generous storage space includes a lockable compartment, coat hook and compartments designed to hold a lunchbox/cooler, cup or can. A tool box is also provided.

Low Effort Controls

Hydraulic pilot controls provide easy operation of lift and tilt functions. A remote transmission control option adds a forward/neutral/reverse control switch on the implement lever for easier operation and enhanced productivity. Third and fourth function controls are also available for use with special work tools. Hydrostatic, closed-center steering system with flow amplification provides fast or slow steering response, depending on the operational requirement. With the optional Engine Speed Control, a specific engine RPM can be set and maintained with a switch in the cab. The creeper control option allows variable function of travel speeds with full engine RPM.

Visibility

The loader arms have been designed to provide excellent visibility throughout the production cycle.

Power Train

Designed for power, durability and performance.

Cat Engine

The Cat 3054C DIT (Direct Injection Turbocharged) engine has a proven reputation for rugged, reliable operation while providing peak performance in a wide range of operating conditions. High horsepower and torque help you get more work done in a day.

Transmission

The high-pressure closed-loop hydrostatic transmission delivers high performance with a broad range of power to the ground.

Axles

Heavy-duty axle design features strong gears and bearings for durable performance. The fixed front, oscillating rear axle helps assure four-wheel ground contact for optimum traction and stability. Patented Duo-Cone™ seals on the axle and housing keep oil in and lock contaminants out. A choice of standard conventional or Limited Slip Differentials adapts the machine to a wide range of operating conditions.

Brakes

Hydraulically-actuated disc brakes are standard on both the front and rear axles and provide low effort operation. The mechanical, shoe-type parking brake also automatically neutralizes the transmission when applied.



Loader

Built for strength.

Z-Bar Linkage Design

The high performance Z-bar loader linkage design on the 914G is built for strength, visibility and versatile attachment usage.

8-Bar Parallel Linkage Design

The 8-bar parallel linkage on the IT14G simplifies keeping forks level throughout the range of lift, without adjustment. Longer lift arms, taller front tower and higher pivot points offer more lift, height and reach than conventional loaders. Having more tilt capacity than lift in almost every position provides superior load control.



Work Tools

Do more jobs with one machine with Cat Work Tools.

The Right Tool for the Job

With a variety of Cat Work Tools, the 914G/IT14G is ideal for a wide range of applications. Work tool controls feature pilot operated lift and tilt circuits with low effort single-lever control. Available work tools include:

- Bucket (general purpose, multi purpose, light material, side dump, high dump, material handling)
- Forks (pallet, lumber, log)
- Asphalt Cutter
- Blades
- Brooms
- Loader Rakes
- Material Handling Arm
- Snow Plows

Quick Coupler

Work Tools can be changed quickly and easily with the integral quick coupler system, standard on the IT14G and optional on the 914G. A switch in the IT14G cab activates a hydraulic cylinder for positive tool engagement or disengagement.

Auxiliary Hydraulics

Optional 3rd (standard on the IT14G) and 4th function hydraulics are available for use with work tools that require hydraulic power such as rotary brooms, high dump and side dump buckets.

Brushcutter

The IT14G is the platform for the T-121C Little & Company Brushcutter, offering maximum visibility to the mower, superior machine balance, hystat transmission and versatility to provide greater operator confidence and higher productivity.



Serviceability

Easy access and minimal maintenance requirements reduce downtime.



Convenient Service Features

One-piece engine enclosure hood with gas struts lifts for exceptional access to filters and service points. All service points are accessible from ground level.

- Radiator and oil coolers are easily accessible for cleaning.
- Easily check radiator coolant and hydraulic oil levels with sight gauges.
- Swing-out oil cooler allows quick, easy cleaning and service to the radiator.
- S·O·SSM ports are factory installed for improved access to engine, transmission and hydraulic oils. S·O·S ports make oil sampling quicker, cleaner and provide the best oil sample for analysis.
- Spin-on filters for engine oil and hydraulic oil are vertically mounted for easier servicing.
- Cat Extended Life Coolant/Antifreeze allows extended operation (up to 6,000 hours) between changes.

Customer Support

Support you can count on.

Superior Dealer Service

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 decision.
- For more information on Cat products, dealer services and industry solutions, visit us at www.cat.com.



914G/IT14G Compact Wheel Loader/Integrated Toolcarrier Specifications

Engine

Model	Cat® 3054C DIT	
Gross Power	75 kW	101 hp
Net Power	71 kW	95 hp
SAE J1349 Rating	71 kW	95 hp
ISO 9249 Rating	72 kW	96 hp
EEC 80/1269 Rating	72 kW	96 hp

- The Cat 3054C DIT engine meets U.S. EPA Tier 2 emissions regulations.
- Ratings at 2,300 RPM.

Engine Dimensions

Bore	105 mm	4.13 in
Stroke	127 mm	5 in
Displacement	4.4 L	268 in³

Weights

Operating Weight – 914G	7950 kg	17,530 lb
Operating Weight – IT14G	8450 kg	18,632 lb
Optional Counterweight*	150 kg	330 lb

- * Optional on 914G. Standard on IT14G.
- 914G with 1.4 m³ (1.8 yd³) bucket with bolt-on cutting edge and optional counterweight.
- IT14G with 1.4 m³ (1.8 yd³) bucket with bolt-on cutting edge, quick coupler and counterweight.

Operating Specifications

Tire Size	17.5-25	
Rated Bucket Capacity	1.3 m³	1.7 yd³
Breakout force – 914G	62 kN	14,007 lb
Breakout force – IT14G	77 kN	17,342 lb
Full turn static tipping load, bucket – 914G	5323 kg	11,737 lb
Full turn static tipping load, bucket – IT14G	4792 kg	10,566 lb
Dump height @ Full Lift – 914G	2659 mm	8 ft 9 in
Dump height @ Full Lift – IT14G	2921 mm	9 ft 7 in
Articulation	40 Degrees	
Oscillation +/-	11 Degrees	

Transmission

Travel Speed 1	9 km/h	5.6 mph
Travel Speed 2 – 914G	35 km/h	22 mph
Travel Speed 2 – IT14G	32 km/h	20 mph

Cab

ROPS	SAE J394, SAE J1040, ISO 3471	
FOPS	SAE J231, ISO 3449	
Sound	74 dB(A)	

Hydraulic System

Main relief	245.5 bar	3,560 psi
Flow	90 L/min	23.8 gal/min
Hydraulic cycle time – lift	5.6	
Hydraulic cycle time – dump	2.1	
Hydraulic cycle time – lower, float	3.2	
Lift Cylinders, double acting – 914G	89 × 672 mm	3.5 × 26.5 in
Lift Cylinders, double acting – IT14G	89 × 795 mm	3.5 × 31.3 in
Tilt Cylinder, double acting – 914G	102 × 400 mm	4.0 × 15.8 in
Tilt Cylinder, double acting – IT14G	76 × 805 mm	3.0 × 31.7 in

Service Refill Capacities

Cooling System	23 L	6.1 gal
Fuel tank	150 L	39.6 gal
Hydraulic system	100 L	26.4 gal
Hydraulic tank	70 L	18.5 gal

Buckets

Bucket Capacities	1.2 - 1.4 m³	1.6 - 1.8 yd³
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Brakes

- Meets SAE J1473 and ISO 3450 requirements.

914G/IT14G Compact Wheel Loader/Integrated Toolcarrier Specifications

914G Operating Specifications

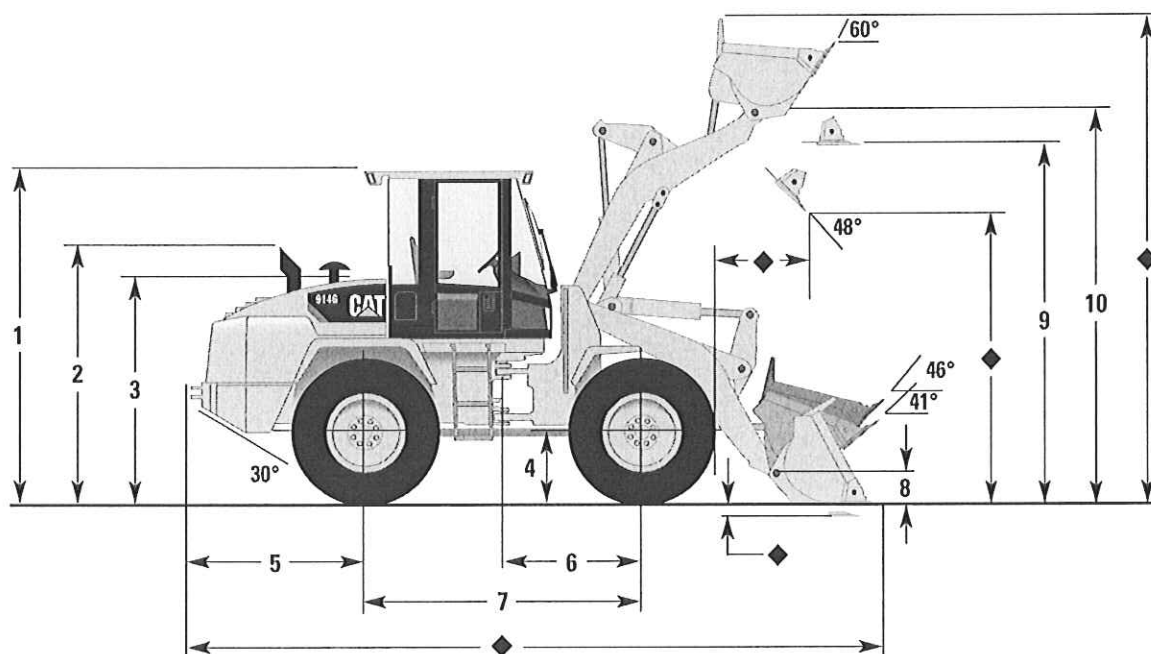
		General Purpose Buckets						Penetration Buckets	
		With Bolt-On Cutting Edge		With Bolt-On Teeth and Segments		With Bolt-On Teeth		With Flush Mounted Teeth	
Rated bucket capacity (§)	m ³ yd ³	1.3 1.7	1.4 1.8	1.3 1.7	1.4 1.8	1.2 1.6	1.3 1.7	1.3 1.7	1.4 1.8
Struck capacity (§)	m ³ yd ³	1.1 1.4	1.2 1.5	1.1 1.4	1.2 1.5	1.0 1.3	1.1 1.5	1.1 1.5	1.2 1.5
Width	mm ft/in	2401 7'10.5"	2401 7'10.5"	2424 7'11.4"	2424 7'11.4"	2424 7'11.4"	2424 7'11.4"	2434 7'11.8"	2434 7'11.8"
Dump clearance at full lift and 45° discharge (§)	mm ft/in	2659 8'9"	2623 8'7"	2667 8'9"	2632 8'7"	2715 8'11"	2680 8'10"	2680 8'10"	2680 8'10"
Reach at full lift and 45° discharge (§)	mm ft/in	973 3'2"	1008 3'4"	964 3'2"	1000 3'3"	944 3'1"	979 3'3"	979 3'3"	979 3'3"
Reach at 45° discharge and 2130 mm (7 ft) clearance (§)	mm ft/in	1331 4'4"	1348 4'5"	1282 4'2"	1297 4'3"	1259 4'2"	1275 4'2"	1287 4'3"	1249 4'1"
Reach with lift arms horizontal and bucket level	mm ft/in	1980 6'6"	2030 6'8"	1970 6'6"	2020 6'8"	1920 6'4"	1970 6'6"	1970 6'6"	1970 6'6"
Digging depth (§)	mm in	89 3.5"	89 3.5"	89 3.5"	89 3.5"	70 2.8"	70 2.8"	70 2.8"	70 2.8"
Overall length	mm ft/in	6229 20'5"	6279 20'7"	6328 20'9"	6378 20'11"	6310 20'8"	6360 20'10"	6358 20'10"	6438 21'1"
Overall height with bucket at full raise (§)	mm ft/in	4390 14'5"	4442 14'7"	4390 14'5"	4442 14'7"	4390 14'5"	4442 14'7"	4442 14'7"	4442 14'7"
Loader clearance circle with bucket in carry position	m ft/in	10.34 33'11"	10.37 34'0"	10.42 34'2"	10.45 34'4"	10.42 34'2"	10.45 34'4"	10.44 34'3"	10.49 34'5"
Static tipping load straight* (§)	kg lb	6098 13,446	6069 13,382	6059 13,360	6029 13,294	6169 13,603	6166 13,602	6183 13,634	6011 13,254
Static tipping load full 40° turn* (§)	kg lb	5323 11,737	5295 11,675	5284 11,651	5256 11,589	5415 11,940	5387 11,878	5404 11,916	5232 11,537
Breakout force (§)	kg lb	6367 14,007	5971 13,136	6415 14,113	6010 13,222	6929 15,246	6469 14,232	6484 14,265	6374 14,055
Operating weight*	kg lb	7378 16,262	7391 16,297	7409 16,337	7422 16,366	7336 16,176	7349 16,205	7336 16,176	7500 16,538

*Static tipping and operating weights shown are for high-speed version 914G and include lubricants, full fuel tank, ROPS cab, 80 kg (176 lb) operator and 17.5 - R25 (L2 equivalent) tires.

NOTE: Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE). SAE Standards J732 and J742 govern loader rating, denoted in the text by (§).

914G Dimensions with Bucket

All dimensions are approximate.



	mm	ft/in
1	3100	10'2"
2	2255	7'5"
3	2080	6'10"
4	620	2'0"
5	1658	5'5"
6	1300	4'3"
7	2600	8'6"
8	374	1'3"
9	3236	10'7"
10	3435	11'3"

◆ Dimensions vary with bucket. Refer to Operating Specifications chart on previous page.

		Tread Width	Width over Tires	Ground Clearance	Change in vertical dimensions
15.5 - 25, 12PR (L-2)	mm	1800	2223	414	-42
	in	70.9	87.5	16.3	-1.7
17.5 - R25 (L-2 equivalent)	mm	1800	2258	456	—
	in	70.9	88.9	18.0	—

914G/IT14G Compact Wheel Loader/Integrated Toolcarrier Specifications

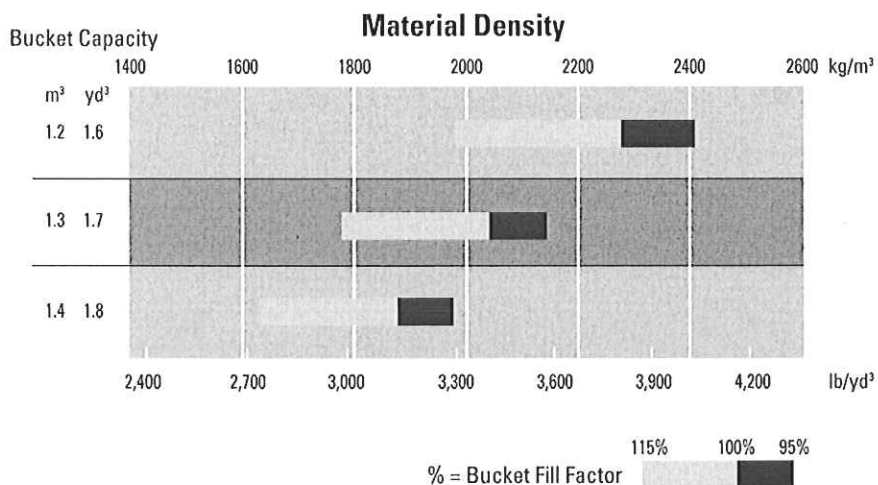
914G Supplemental Specifications

	Change in Operating Weight		Change in Articulated Static Tipping Load	
	kg	lb	kg	lb
Air conditioner	+55	+121	+71	+156
Canopy, ROPS (less cab)	-199	-438	-174	-383
Counterweight, 150 kg (330 lb)	+152	+334	+287	+631
Ride control	+32	+70	+6	+13
Standard speed version machine	-70	-154	-74	-163
Secondary steering	+30	+66	+44	+97
Tires and rims, 15.5 - 25, 12PR (L-2)	-159	-350	-99	-218
Tires and rims, 15.5 - 25, 12PR (L-3)	-78	-172	-48	-106
Tires and rims, 17.5 - 25, 12PR (L-2)	-126	-277	-78	-172
Tires and rims, 17.5 - 25, 12PR (L-3)	+12	+26	+7	+15
Tires and rims, 17.5 - R25, radial (L-3 equivalent)	+156	+343	+96	+211
Tires and rims, 17.5 - R25, radial (L-2/L-3 equivalent)	+95	+209	+58	+128

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 in)	1690	2,849			
wet, 6-50 mm (0.2-2 in)	2020	3,406			

914G Bucket Size Selector



914G/IT14G Compact Wheel Loader/Integrated Toolcarrier Specifications

IT14G Operating Specifications

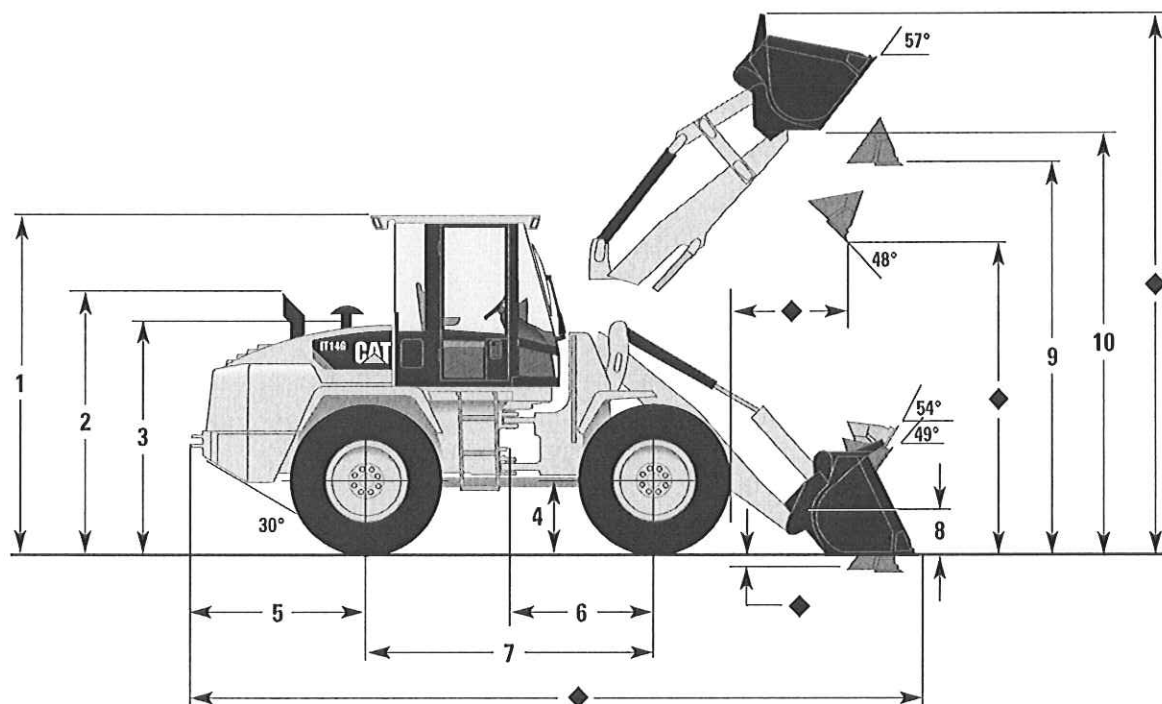
		General Purpose Buckets						Penetration Buckets
		With Bolt-On Cutting Edge		With Bolt-On Teeth		With Bolt-On Teeth and Segments		With Flush Mounted Teeth
Rated bucket capacity (§)	m ³ yd ³	1.3 1.7	1.4 1.8	1.2 1.6	1.3 1.7	1.3 1.7	1.4 1.8	1.3 1.7
Struck capacity (§)	m ³ yd ³	1.1 1.4	1.2 1.5	1.0 1.3	1.1 1.5	1.1 1.4	1.2 1.5	1.1 1.5
Width	mm ft/in	2401 7'10.5"	2401 7'10.5"	2424 7'11.4"	2424 7'11.4"	2424 7'11.4"	2424 7'11.4"	2434 7'11.8"
Dump clearance at full lift and 45° discharge (§)	mm ft/in	2921 9'7"	2886 9'6"	2977 9'9"	2942 9'8"	2930 9'7"	2895 9'6"	2942 9'8"
Reach at full lift and 45° discharge (§)	mm ft/in	787 2'7"	823 2'8"	757 2'6"	792 2'7"	779 2'7"	814 2'8"	792 2'7"
Reach at 45° discharge and 2130 mm (7 ft) clearance (§)	mm ft/in	1426 4'8"	1443 4'9"	1351 4'5"	1368 4'6"	1375 4'6"	1390 4'7"	1380 4'6"
Reach with lift arms horizontal and bucket level	mm ft/in	2151 7'1"	2201 7'3"	2090 6'10"	2140 7'0"	2139 7'0"	2189 7'2"	2140 7'0"
Digging depth (§)	mm in	174 6.9"	174 6.9"	155 6.1"	155 6.1"	174 6.9"	174 6.9"	155 6.1"
Overall length	mm ft/in	6424 21'1"	6474 21'3"	6506 21'4"	6556 21'6"	6524 21'5"	6574 21'7"	6554 21'6"
Overall height with bucket at full raise (§)	mm ft/in	4802 15'9"	4855 15'11"	4802 15'9"	4855 15'11"	4802 15'9"	4855 15'11"	4855 15'11"
Loader clearance circle with bucket in carry position	m ft/in	10.40 34'1"	10.42 34'2"	10.47 34'4"	10.50 34'5"	10.47 34'4"	10.50 34'5"	10.49 34'5"
Static tipping load straight* (§)	kg lb	5541 12,218	5495 12,116	5637 12,407	5589 12,324	5503 12,134	5456 12,030	5605 12,359
Static tipping load full 40° turn* (§)	kg lb	4792 10,566	4750 10,474	4882 10,765	4840 10,672	4754 10,483	4712 10,390	4855 10,705
Breakout force (§)	kg lb	7865 17,342	7435 16,394	8456 18,645	7965 17,563	7920 17,464	7481 16,496	7979 17,594
Operating weight*	kg lb	8032 17,771	8044 17,737	7990 17,618	8003 17,647	8063 17,779	8076 17,808	7990 17,618

*Static tipping and operating weights shown are for high-speed version IT14G and include lubricants, full fuel tank, ROPS cab, 80 kg (176 lb) operator, standard 250 kg (550 lb) counterweight and 17.5 - R25 (L2 equivalent) tires.

NOTE: Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers (SAE). SAE Standards J732 and J742 govern loader rating, denoted in the text by (§).

IT14G Dimensions with Bucket

All dimensions are approximate.



	mm	ft/in
1	3100	10'2"
2	2255	7'5"
3	2080	6'10"
4	620	2'0"
5	1658	5'5"
6	1300	4'3"
7	2600	8'6"
8	374	1'3"
9	3565	11'8"
10	3798	12'6"

◆ Dimensions vary with bucket. Refer to Operating Specifications chart on previous page.

		Tread Width	Width over Tires	Ground Clearance	Change in vertical dimensions
15.5 - 25, 12PR (L-2)	mm	1800	2223	414	-42
	in	70.9	87.5	16.3	-1.7
17.5 - R25 (L-2 equivalent)	mm	1800	2298	456	—
	in	70.9	90.5	18.0	—

914G/IT14G Compact Wheel Loader/Integrated Toolcarrier Specifications

IT14G Supplemental Specifications

	Change in Operating Weight		Change in Articulated Static Tipping Load	
	kg	lb	kg	lb
Air conditioner	+55	+121	+62	+137
Canopy, ROPS (less cab)	-122	-269	-89	-196
Ride control	+28	+62	+5	+11
Power train guard	+17	+37	+15	+33
Secondary steering	+30	+66	+38	+84
Tires and rims, 15.5 - 25, 12PR (L-2)	-140	-309	-84	-185
Tires and rims, 15.5 - 25, 12PR (L-3)	-76	-168	-46	-101
Tires and rims, 17.5 - 25, 12PR (L-2)	-40	-88	-21	-46
Tires and rims, 17.5 - 25, 12PR (L-3)	+32	+71	+17	+37
Tires and rims, 17.5 - 25, R25 (L-3 equivalent)	+100	+220	+54	+119
Tires and rims, 17.5 - 25, R25 (L-2/L-3 equivalent)	+76	+168	+41	+90

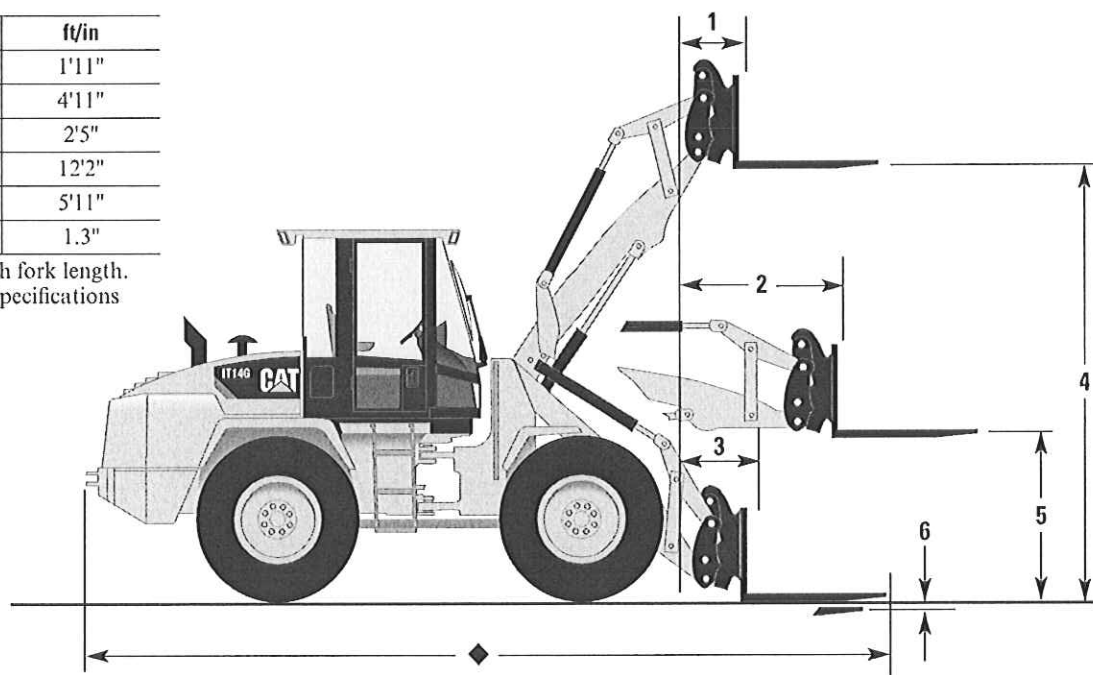
Static tipping load changes are for an IT14G with lubricants, full fuel tank, ROPS cab, 80 kg (176 lb) operator, standard 250 kg (550 lb) counterweight, 17.5 R25 L-2 equivalent tires and a 1.3 m³ (1.7 yd³) general purpose bucket with bolt-on cutting edge.

IT14G Dimensions with Forks

All dimensions are approximate.

	mm	ft/in
1	586	1'11"
2	1490	4'11"
3	745	2'5"
4	3708	12'2"
5	1808	5'11"
6	34	1.3"

◆ Dimensions vary with fork length. Refer to Operating Specifications chart below.



IT14G Operating Specifications with Forks

Fork Tine Length		1050 mm (3'5")	1200 mm (3'11")	1350 mm (4'5")
Operating load:				
Per SAE J1197 FEB91 (50% of full turn static tipping load)	kg lb	1927 4,249	1870 4,123	1810 3,991
Per CEN 474-3, rough terrain (60% of full turn static tipping load)	kg lb	2312 5,098	2244 4,948	2172 4,789
Per CEN 474-3, firm and level ground (80% of full turn static tipping load)	kg lb	3082 6,796	2992 6,597	2896 6,386
Overall length	mm ft/in	6723 22'1"	6873 22'7"	7023 23'1"
Load center	mm in	525 21"	600 24"	675 27"
Static tipping load with level arms and forks, 600 mm (23.6 in) load center, straight*	kg lb	4447 9,806	4309 9,501	4179 9,215
Static tipping load with level arms and forks, 600 mm (23.6 in) load center, full 40° turn*	kg lb	3853 8,496	3734 8,233	3620 7,982
Operating weight*	kg lb	7898 17,415	7915 17,453	7928 17,481

*Static tipping and operating weights shown are for an IT14G with lubricants, full fuel tank, ROPS cab, 80 kg (176 lb) operator, standard 250 kg (550 lb) counterweight and 17.5 R25 (L2 equivalent) tires.

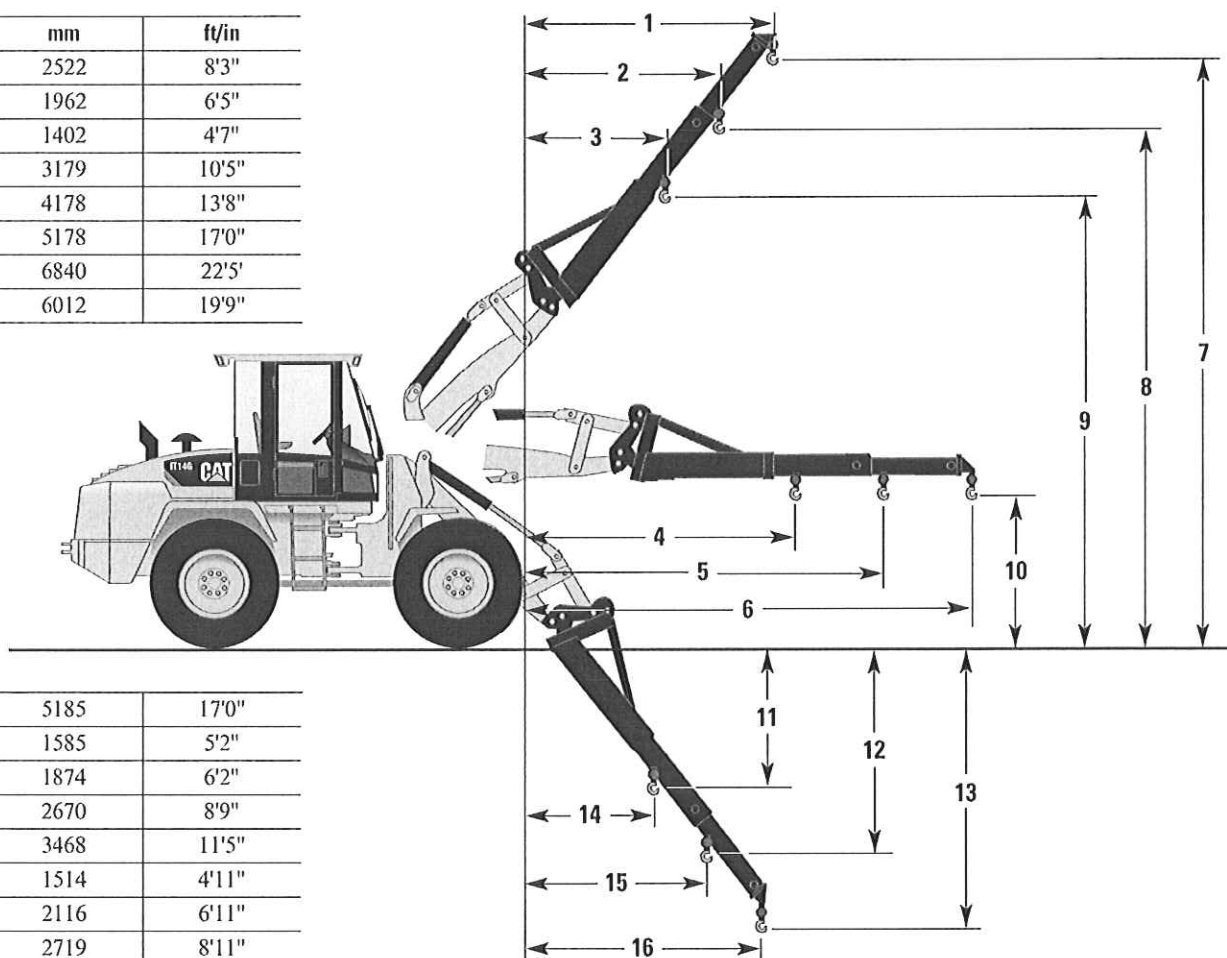
Tipping load is defined by SAE J732.

914G/IT14G Compact Wheel Loader/Integrated Toolcarrier Specifications

IT14G Dimensions with Material Handling Arm

All dimensions are approximate.

	mm	ft/in
1	2522	8'3"
2	1962	6'5"
3	1402	4'7"
4	3179	10'5"
5	4178	13'8"
6	5178	17'0"
7	6840	22'5"
8	6012	19'9"



9	5185	17'0"
10	1585	5'2"
11	1874	6'2"
12	2670	8'9"
13	3468	11'5"
14	1514	4'11"
15	2116	6'11"
16	2719	8'11"

IT14G Operating Specifications with Material Handling Arm

Material Handling Arm Position		Retracted	Mid-Position	Extended
Operating load at 40° full turn	kg	1370	1076	888
	lb	3,021	2,373	1,958
Static tipping load, straight*	kg	3158	2484	2051
	lb	6,963	5,477	4,522
Static tipping load, full 40° full turn*	kg	2740	2153	1777
	lb	6,042	4,747	3,918
Operating weight*	kg	7770	7770	7770
	lb	17,133	17,133	17,133

*Static tipping and operating weights shown include lubricants, full fuel tank, ROPS cab, 80 kg (176 lb) operator, standard 250 kg (550 lb) counterweight and 17.5 - R25 (L2 equivalent) tires.

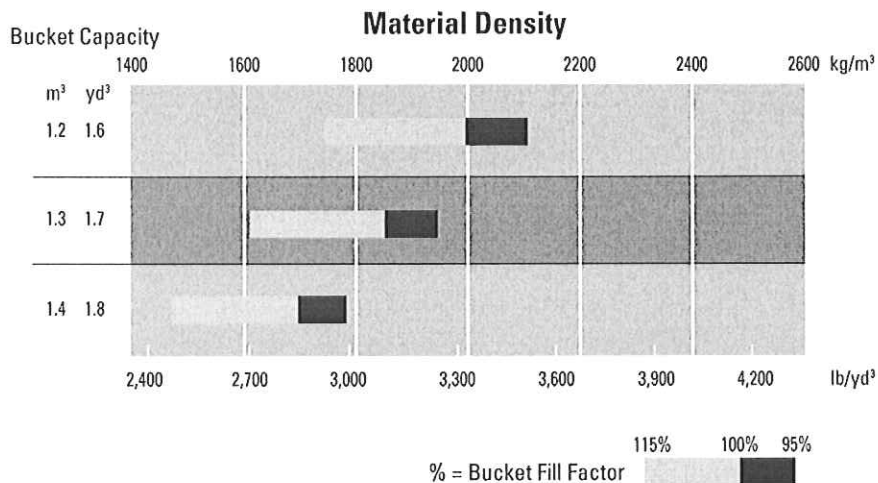
NOTE: Machine stability and operating weights are affected by tire size, tire ballast and other attachments.

Typical Material Densities – Loose

	kg/m ³	lb/yd ³
Basalt	1960	3,305
Bauxite, Kaolin	1420	2,394
Clay		
natural bed	1660	2,799
dry	1480	2,495
wet	1660	2,799
Clay and gravel		
dry	1420	2,394
wet	1540	2,596
Decomposed rock		
75% rock, 25% earth	1960	3,305
50% rock, 50% earth	1720	2,900
25% rock, 75% earth	1570	2,647
Earth		
dry, packed	1510	2,546
wet, excavated	1600	2,698
Granite		
broken	1660	2,799
Gravel		
pitrun	1930	3,254
dry	1510	2,546
dry, 6-50 mm (0.2-2 in)	1690	2,849
wet, 6-50 mm (0.2-2 in)	2020	3,406

	kg/m ³	lb/yd ³
Gypsum		
broken	1810	3,052
crushed	1600	2,698
Limestone		
broken	1540	2,596
crushed	1540	2,596
Sand		
dry, loose	1420	2,394
damp	1690	2,849
wet	1840	3,102
Sand and clay		
loose	1600	2,698
Sand and gravel		
dry	1720	2,900
wet	2020	3,416
Sandstone	1510	2,546
Shale	1250	2,107
Slag		
broken	1750	2,950
Stone		
crushed	1600	2,698

IT14G Bucket Size Selector



914G/IT14G Standard Equipment

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

ELECTRICAL

24V direct electric starting
Alarm, back-up
Alternator, 80-ampere
Batteries, two 900 CCA maintenance free
Battery disconnect switch
Glow plug starting aid
Horn, front, warning (electrical)
Ignition key start/stop switch
Lighting system: brake lights, interior light, turn signals (front and rear), halogen working lights (front and rear)
Power receptacles; internal and external

LOADER

Linkage, sealed Z-bar design loader (914G only)
Linkage, 8-bar parallel lift linkage with sealed pins (IT14G only)
Bucket/fork positioner, automatic
Lift kickout, automatic
Lift/tilt kickout neutralizer

HYDRAULICS

Hydraulic control, pilot-operated implement, single lever, 2 valve
Hydraulics, third function (standard on IT14G only)
Hydraulic oil cooler, tiltable
Hydraulic diagnostic connectors
S·O·SSM port – hydraulic oil
Standard hydraulic oil cooler
Steering, hydraulic

OPERATOR ENVIRONMENT

Bucket control, single lever, pilot
Cab, ROPS (sound suppressed and pressurized)
• Adjustable steering column
• Cigar lighter
• Cup holder
• Ground level door release
• Heater/defroster
• Rearview mirrors, inside (2)
• Storage space, lockable
• Seat, adjustable fabric suspension
• Seat belt, 75 mm (3 in), retractable
• Tinted safety glass
• Two doors
• Wiper and washer (front and rear), front intermittent
Defroster, rear window, wired glass
Indicators:
• Air cleaner
• Air filter
• Brake charge pressure
• Engine oil pressure
• Electrical system voltage
• Hystat oil filter bypass
• Parking brake
• Primary steering
Instrumentation:
• Battery voltage gauge
• Engine coolant temperature gauge
• Fuel level gauge
• Digital hour meter
• Hydraulic oil level sight gauge
• Hydraulic oil temperature gauge
Single lever transmission control

POWER TRAIN

Air cleaner, radial seal
Antifreeze (protected to -36° C/-33° F)
Extended life coolant antifreeze
Brakes, Service – inboard, oil-immersed, enclosed, wet-disc full hydraulic
Brakes, Parking – mechanical on drive line, secondary
Differentials, conventional (front and rear)
Driveshaft, lubed for life
Electric fuel pump
Engine: Cat 3054C DIT diesel, turbocharged, Tier 2 emissions compliant
Engine enclosure, lockable
Muffler
Radiator, serviceable unit core
Radiator expansion bottle
S·O·SSM port – engine oil
Suction fan
Transmission, hydrostatic

OTHER

Counterweight
(IT14G with quick coupler only)
Fenders (front/rear)
Hitch, drawbar
Pressure test points
Vandalism protection-locked service points

914G/IT14G Optional Equipment

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

ELECTRICAL

Electrical Accessories Package (12V converter, accessory plug outlet, wiring)
Lighting, auxiliary front: 2 additional cab-mounted halogen working lights
Machine Security System
Rotating beacon, magnetic

HYDRAULICS

Drain valves, ecological
Hydraulic third and fourth valves (third valve standard on IT14G)
Hydraulic quick disconnects (IT14G only)
Steering, secondary

OPERATOR ENVIRONMENT

Air conditioner (R-134a refrigerant)
Canopy, ROPS
Mirrors, two external
Radio prep package (12V) includes speakers, antenna, converter and mounts (radio not included)
Ride Control System
Seats:

- Heated, fabric, with parking brake alarm
- Cat Comfort Series, fabric, air suspension

Sliding door window
Speedometer
Sun screen, rear window
Sun visor

POWER TRAIN

Antifreeze (protected to -50° C/-58° F)
Creeper control, transmission
Differential, Limited Slip (front and/or rear axle)
Engine air filter precleaner, cyclone
Engine Speed Control (ESC)
Forward/Neutral/Reverse (FNR) remote transmission control
Starting aid, engine block heater, 120V

OTHER

Bottom guard, hystat
Counterweight, 150 kg/330 lb (914G only)
Fenders, roading
Guard, windshield (optional 914G only)
Ground engaging tools, bucket
Low sound package
Quick coupler (standard on IT14G)
Tires:

- Bias ply, 15.5 × 25 and 17.5 × 25
- Radial, 17.5 × R25

Tire rims, 1- and 3-piece
Tool box, lockable
Tool kit

914G/IT14G Compact Wheel Loaders/Integrated Toolcarriers

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