



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
DRS090622

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
SHELLY MURRAY 304-558-8801

VENDOR

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

 CHARLESTON WV 25329

SHIP TO

DIV OF REHABILITATION SERVICES
 WV REHABILITATION CENTER
 ATTENTION: RECEIVING

 INSTITUTE, WV
 25112 766-4621

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/23/2008				

BID OPENING DATE: 01/29/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE WV PURCHASING DIVISION, FOR THE AGENCY, THE WV DIVISION OF REHABILITATION SERVICES, IS SOLICITING BIDS FOR ONE SKID STEER LOADER WITH ATTACHMENTS AND THREE UTILITY VEHICLES PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO SHELLY MURRAY IN THE WV PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN AT THE TOP OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT SHELLY.L.MURRAY@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 01/13/2009 AT THE CLOSE OF BUSINESS.</p> <p>ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE.</p> <p>QUESTIONS CONCERNING THE ACTUAL PROCESS BY WHICH A VENDOR MAY SUBMIT A BID TO THE STATE OF WV ARE NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE RFQ OPENING DATE AND IN ANY FORMAT.</p>						
0001	1	LS		070-48-50-001		
				VEHICLES, UTILITY		
					Skid Steer	\$39,956
					Only w/ Attachments	
<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 TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p>						

RECEIVED
 2009 JAN 29 AM 10:06
 WV PURCHASING DIVISION

SIGNATURE <i>[Signature]</i>		TELEPHONE 304-389-4190	DATE 1/28/09
TITLE Sales Representative	FEIN 550 352 647	ADDRESS CHANGES TO BE NOTED ABOVE	

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



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<p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: SHELLY MURRAY / FILE 31</p> <p>RFQ. NO.: DRS090622</p> <p>BID OPENING DATE: 01/29/2009</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
-----------	-----------	------

TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
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LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>Eric Ramey 304-389-4190</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>304-759-6404</p>						
<p>***** THIS IS THE END OF RFQ DRS090622 ***** TOTAL:</p> <p>Skid Steer Only with attachments</p>						<p><u>\$39,956</u></p>

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304-389-4190	1/29/09
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Sales Representative	550 552 647	

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

**REQUEST FOR QUOTATION
DRS090622**

I. PURPOSE

To provide three (3) Utility Vehicles and one (1) Skid Steer Loader to the WV Division of Rehabilitation Services, Rehabilitation Complex, Institute, WV.

II. DELIVERY

Machines must be completely pre-serviced with oil, lubricants, and coolant. All prescribed precautions pertaining to first operations and break-in of the unit are to be provided to the agency upon delivery.

The machines shall be completely assembled, adjusted with all equipment including standard and extra equipment installed and ready for continuous operation. The Skid Steer Loader is not required to have the trencher, backhoe, or pallet fork attached to the machine at time of delivery.

Machines shall be delivered within 45 days of receipt of order. Vendor should indicate expected delivery time on their bid.

III. OPERATION AND SERVICE MANUALS

Successful vendor shall provide all available Operation and Service Manuals, Booklets, and Pamphlets for Operator Procedures and Preventive Maintenance for the machines provided.

IV. WARRANTY

All machines shall have a minimum one year full parts and labor warranty. The successful vendor must have available labor and materials to repair or replace any defective parts, components and materials found to be defective during the term of the warranty period.

V. SPECIFICATIONS OF QUOTED UNITS/BASIS OF AWARD

The machines furnished shall be of the latest improved model in current production as offered to commercial trade. All machines shall be new.

Vendor shall provide all pertinent manufacturer literature for any alternate bid. Detailed component specifications, product literature, component models, required for specification compliance determination by the Evaluators should be provided with the bid. Vendors should complete the attached list of equipment, providing the manufacturer, model number, estimated delivery, and confirmation of attached literature and return with their bid. The State reserves the right to waive minor deviations from the RFQ specifications if found to be in the best interest of the State to do so.

Award shall be made to the lowest bidder meeting specifications. The State reserves the right to make multiple awards if found to be in the best interest of the State.

**VI. SKID STEER LOADER SPECIFICATIONS (qty 1) (ITEM 1)
and ATTACHMENTS (qty 1 each)**

1. Caterpillar 216B Series 2 Skid Steer Loader, or equal
2. Must include and meet the following minimum Electrical specifications:
 - a) 12 volt Electrical System
 - b) 65 ampere Alternator
 - c) Ignition Key Start/Stop Switch
 - d) Lights: Gauge Backlighting, Two Rear Tail Lights, Two Adjustable Front and Rear Halogen Lights, Dome Light
3. Must include and meet the following minimum Operator Environment specifications:
 - a) Gauges: Fuel Level, Hour Meter
 - b) Operator Warning System Indicators: Air Filter Restriction, Alternator Output, Armrest Raised/Operator Out of Seat, Engine Coolant Temperature, Engine Oil Pressure, Glow Plug Activation, Hydraulic Filter Restriction, Hydraulic Oil Temperature, Parking Brake Engaged
 - c) Vinyl Seat
 - d) Control Interlock System, when operator leaves seat or armrest raised Hydraulic System Disables, Hydrostatic Transmission Disables, Parking Brake Engages
 - e) ROPS Cab, Open, Tilt Up
 - f) FOPS, Level 1
 - g) Top and Rear Windows
 - h) Deluxe Headliner
 - i) Floor Mat
 - j) Interior Rear View Mirror
 - k) 12 volt Electric Socket

- l) Horn
- m) Pull Down Ergonomic Contoured Armrest

4. Must include and meet the following minimum Power Train specifications:

- a) Cat C2.2 Interim Tier 4 Compliant Diesel Engine
- b) Air Cleaner, Dual Element, Radial Seal
- c) SOSSM Sampling Valves, Engine Oil and Hydraulic Oil
- d) Filters: Spin on, Hydraulic
- e) Filter: Bayonet-type, Fuel and Water Separator
- f) Tilt Up Radiator/Hydraulic Oil Cooler
- g) Standard Muffler
- h) Spring Applied, Hydraulically Released, Wet Multi Disc Parking Brakes
- i) Hydrostatic Transmission
- j) Four Wheel Chain Drive

5. Must include and meet the following minimum Other specifications:

- a) Engine Enclosure, Lockable
- b) Extended Life Antifreeze, -36 degree C (-33 degree F)
- c) Machine Tie Down Points (4)
- d) Support, Lift Arm
- e) Hydraulic Oil Level Sight Gauge
- f) Radiator Coolant Level Sight Gauge
- g) Radiator, Expansion Bottle
- h) Cat ToughGuard Hose, or equal
- i) Auxiliary, Hydraulics, Continuous Flow
- j) Heavy Duty, Flat Faced Quick Disconnects
- k) Split D-Ring to Route Work Tool Hoses Along Side of Left Lift Arm
- l) Electrical Outlet, Beacon, or equal
- m) Belly Pan Cleanout
- n) Quick Coupler, Mechanical
- o) Seat Belt, 2"
- p) Enclosed ROPS (C2): C1 plus Heater, Cab Door, Side Windows, Cab Debris Barrier
- q) Control Package 2: Proportional Auxiliary Hydraulics Basic

6. Must include and meet the following minimum Optional Equipment specifications:

- a) Engine Block Heater, 120V
- b) Backup Alarm

7. Trencher- Must include and meet the following minimum specifications:

- a) Model T9B, Part # 241-4253 Standard, or equal
- b) Minimum 8" Trench Width

- c) Direct Drive standard flow auxiliary hydraulics
- d) Hard-faced medium carbon alloy steel cupped teeth
- e) Formed skid shoe

8. Backhoe – Must include and meet the following minimum specifications:

- a) Model BH150, Part # 253-1482, or equal
- b) In-cab operation allows operator to dig, excavate, side-shift, and reposition the machine and backhoe without leaving the seat

9. Pallet Fork Carriage – Must include and meet the following minimum specifications:

- a) Model 149-1411, or equal
- b) Maximum 42" fork tine length
- c) Minimum 4" fork tine width
- d) Notched, rail-type carriage allows fork tines to be changed and locked into place
- e) Heavy Duty Load Backrest must not obscure ability to see fork tips

VII. UTILITY VEHICLE SPECIFICATIONS (qty 3) (ITEM 2)

Must include and meet the following specifications:

1. Bobcat 2100 4x2, or equal
2. Minimum 13hp Gas, Air Cooled Engine
3. Minimum 800 lb bed load capacity
4. Minimum 1,200 lb total vehicle rated capacity
5. Maximum 19 mph travel speed
6. Minimum 48" Flat Bed
7. Standard Emissions
8. Standard Road Light Package – to include tail lights, brake lights and horn
9. Full Cab Enclosure – to include Seat Belt Kit, Cab Mounting Kit, Fan/Defogger, Safety Glass Windshield with Wiper, locking doors, canopy, and sliding side windows

10. Road Tires with Black Rims
11. 2" Rear Receiver Hitch
12. Parking Brake

**COST SHEET
DRS090622**

Item	Qty	Description	Unit Price	Extended Price
1	1	Skid Steer Loader <i>Includes bucket</i>	\$ <u>22,096</u>	\$ _____
	1	Trencher	\$ <u>5,425</u>	\$ _____
	1	Back Hoe	\$ <u>11,455</u>	\$ _____
	1	Pallet Fork Carriage	\$ <u>980</u>	\$ _____
2	3	Utility Vehicle	\$ <u>NA</u>	\$ <u>NA</u>

The above items' Unit Prices shall be inclusive of first year warranty per Section IV of the specifications.

GRAND TOTAL * Does not include vehicle \$ 39,956

Unit Pricing shall be all-inclusive. No separate reimbursement will be made to the vendor for shipping or any other expense. Shipping shall be FOB Destination.

Bidders should complete and return with their bid:**Skid Steer Loader:**

Manufacturer: Caterpillar
 Model: 216B2
 Literature Attached: Yes No
 Estimated Delivery: 45 days from order

Trencher:

Manufacturer: Caterpillar
 Model: T9B
 Literature Attached: Yes No
 Estimated Delivery: 45 days

Back Hoe:

Manufacturer: Caterpillar
 Model: 3H150
 Literature Attached: Yes No
 Estimated Delivery: 45 Days

Pallet Fork Carriage:

Manufacturer: Caterpillar
 Model: Pallet Fork
 Literature Attached: Yes No
 Estimated Delivery: 45 Days

Utility Vehicle:

Manufacturer: N/A No Bid
 Model: No Bid
 Literature Attached: Yes No
 Estimated Delivery: _____

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:

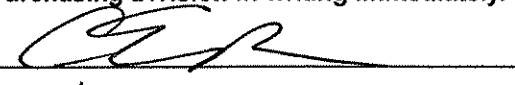
____ Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, 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: Cecil I. Walker Machinery

Signed: 

Date: 1/28/09

Title: Sales Representative

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: 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 owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

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 materials, 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.



LICENSING:

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

CONFIDENTIALITY:

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

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

Vendor's Name:  Cecil I Walker
Authorized Signature: Cecil I Walker  Date: 1/28/09



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Purchasing Division
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Quotation**

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**SHELLY MURRAY
304-558-8801**

PROPOSED

RFQ COPY
TYPE NAME/ADDRESS HERE
**709035731
Cecil J. Walker Machinery Co.
PO Box 2427
Charleston WV 25329
304-389-4190 304 759-6404 FAX**

S.P.O.

DIV OF REHABILITATION SERVICES
WV REHABILITATION CENTER
ATTENTION: RECEIVING

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BID OPENING DATE: 01/29/2009		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
THIS ADDENDUM IS ISSUED TO ADDRESS THE QUESTIONS RAISE PRIOR TO THE QUESTION SUBMISSION DEADLINE OF 1/13/2009.						
ATTACHMENT: QUESTIONS AND RESPONSES						
0001	1	LS		070-48-50-001		
VEHICLES, UTILITY						
EXHIBIT 10						
REQUISITION NO.: DRS090622						
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						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *[Signature]* TELEPHONE: **304-389-4190** DATE: **1/28/09**

TITLE: **Sales Representative** FERN: **550 352 647** ADDRESS CHANGES TO BE NOTED ABOVE

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RFQ COPY
TYPE NAME/ADDRESS HERE

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WV REHABILITATION CENTER
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LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	NO. 4					
	NO. 5					
<p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.</p> <p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>..... SIGNATURE <i>Coast Walker</i> COMPANY <i>1/28/09</i> DATE</p>						
REV. 11/96						
----- END OF ADDENDUM NO. 1 -----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	304-389-4190	1/29/09
TITLE	FBN	ADDRESS CHANGES TO BE NOTED ABOVE
Sales Representative	550-352-647	

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

**RFQ # DRS090622
ADDENDUM # 1**

Question:

Do you require a bucket for the Skid Steer, and if so what size?

Response:

Yes, a bucket is required. The bucket size must be 60" wide, Caterpillar Model # 152-0231, or equal. Bucket must have full length skid bars and hardened steel base and side cutting edges.

Question:

Is there a particular tire size for the Skid Steer?

Response:

No, Vendor shall provide appropriate tires so that the skid steer loader does not exceed 84" in height including the tires.

Question:

A Caterpillar 216B2 has been specified of which we are a dealer that is a registered vendor with the state of WV. However, they have also specified a utility vehicle in the same RFQ that we cannot provide a bid for since all equivalent brands are handled by their respective dealers.

As a result, we feel the current RFQ structure is putting our firm at an unfair competitive disadvantage. Would it be possible to separate the RFQ into two RFQ's, one for the skid steer loader and one for the utility vehicle?

Response:

No, per the second paragraph of page 5 of the original RFQ, the State reserves the right to make multiple awards. Vendors may provide bids on those items they are able to provide, and "no bid" those items they cannot provide.

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. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. 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.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) 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.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** 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. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** 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 disqualification: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



Cat[®] 216B Series 2

SKID STEER LOADER

FEATURES:

The Cat[®] 216B Series 2 Skid Steer Loader, with its radial lift design, delivers excellent digging performance with outstanding drawbar power. The 216B Series 2 features the following:

- **Ergonomic operator station** features easy to use pilot operated joystick controls for reduced operator fatigue and increased productivity.
- **High performance power train** provides high engine horsepower and torque, allowing part-throttle operation for lower sound levels and fuel consumption.
- **Advanced hydraulic system** is designed for maximum power and reliability.
- **Easy routine maintenance** helps reduce machine downtime for greater productivity.
- **Broad range of performance matched Cat[®] Work Tools** make the Cat Skid Steer Loader the most versatile machine on the jobsite.

Specifications

Engine

Engine Model	Cat [®] C2.2	
Gross Power SAE J1995	38 kW	51 hp
Net Power SAE 1349	35 kW	47 hp
Displacement	2.2 L	134 in ³
Stroke	100 mm	3.9 in
Bore	84 mm	3.3 in

Weights

Operating Weight	2581 kg	5,609 lb
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Power Train

Travel Speed (Forward or Reverse)	11.3 km/h	7.0 mph
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Hydraulic System

Hydraulic Flow – Standard:		
Loader Hydraulic Pressure	23 000 kPa	3,335 psi
Loader Hydraulic Flow	60 L/min	15.6 gal/min
Hydraulic Power	22.7 kW	30.4 hp

Operating Specifications

Rated Operating Capacity	635 kg	1,400 lb
Rated Operating Capacity with Optional Counterweight	680 kg	1,500 lb
Tipping Load	1270 kg	2,800 lb
Breakout Force, Tilt Cylinder	1852 kg	4,083 lb

Cab

ROPS	SAE J1040 MAY94, ISO 3471:1994
FOPS	SAEJ/ISO 3449 APR98 Level I, ISO 3449:1992 Level I
FOPS Level II	SAEJ/ISO 3449 APR98 Level II, ISO 3449:1992 Level II (optional)

Service Refill Capacities

Chain box, each side	6 L	1.6 gal
Cooling System	10 L	2.6 gal
Engine Crankcase	10 L	2.6 gal
Fuel Tank	58 L	15.4 gal
Hydraulic System	55 L	14.5 gal
Hydraulic Tank	35 L	9.2 gal

Buckets and Forks



Skid Steer Loader Work Tools Multi Terrain Loader Work Tools

Bucket widths

General Purpose Bucket	1524-1981 mm (60-78 in)
Dirt Bucket	1372-1829 mm (54-72 in)
Utility Bucket	1524-1829 mm (60-72 in)
Light Material Bucket	1829-2134 mm (72-84 in)
Multi Purpose Bucket	1524-1981 mm (60-78 in)

Pallet forks

Carriage width	1158 mm (46 in)
Tine length	910-1220 mm (36-48 in)

Cat® Buckets and Pallet Forks

Designed for maximum versatility, high productivity and long life.

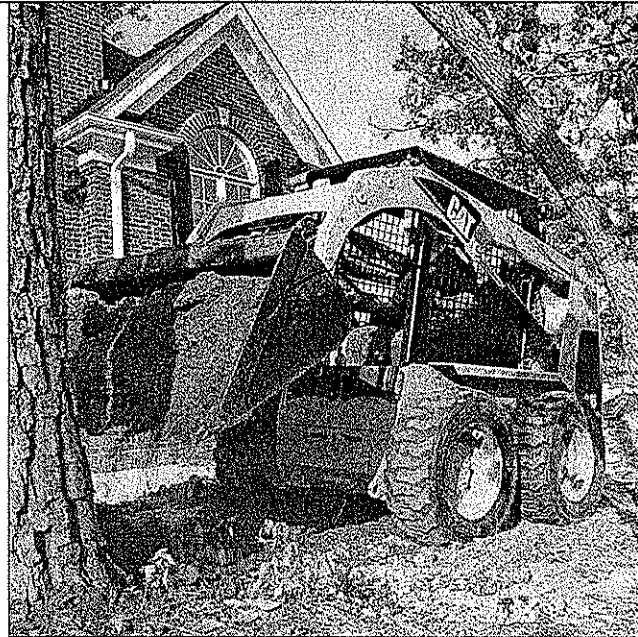
Performance and Versatility

Caterpillar® Buckets and Pallet Forks are designed to provide superior productivity, high reliability and long life in a variety of materials and material handling conditions. Caterpillar offers general purpose, dirt, utility, light material and multi purpose buckets, as well as pallet forks for optimal machine versatility.

The formed back wrapper design enhances bucket loadability and production in a wide variety of applications. The optimum wrapper angle and no sharp corners promote superior bucket fill and reduce material packing for maximum productivity. The notched rail-type pallet fork carriage design allows fork tines to be easily respaced or changed and locked in place. Caterpillar Ground Engaging Tools (G.E.T.) and fork tine options provide the customer added performance and flexibility when conditions dictate.

Ease of Operation

Caterpillar buckets and forks have been designed to easily operate when coupled to Cat Skid Steer Loaders and Multi Terrain Loaders. Designed with the operator in mind, steps are conveniently located on each work tool to facilitate entry and exit. Each bucket is designed to fill and load well without sacrificing visibility to the front cutting edge and corners. The pallet fork carriage incorporates a heavy duty backrest that is functional, durable and easy to see through. The integrated mechanical quick coupler system allows the operator to quickly change from one high performance work tool to another. Hydraulic hose routing, hose length and quick disconnects have been matched to the machine to ensure proper routing and fit-up.



Serviceability

Proven components such as Caterpillar hose, couplings, o-ring face seals, hardware and G.E.T. deliver superior performance, durability and reliability. A full line of replacement parts is available from your Cat dealer to help extend bucket and fork life.

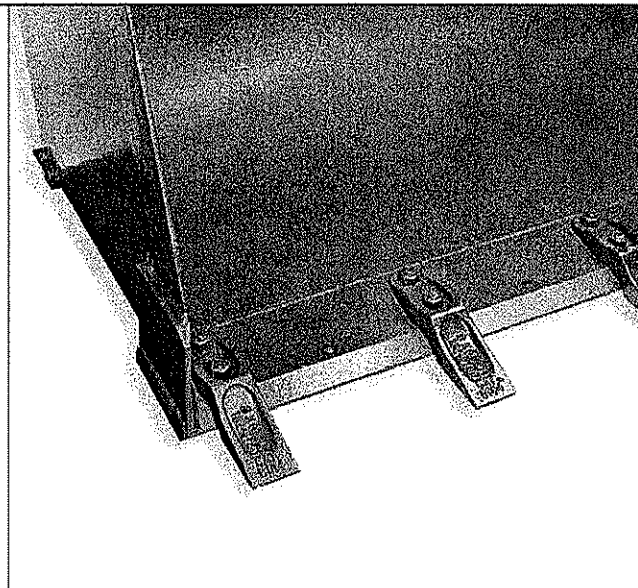
Customer Support

Caterpillar dealers are always ready to assist you in matching the right work tool to your application or machine, adding more Cat Work Tools to your lineup or obtaining responsible, knowledgeable support.

Cat Ground Engaging Tools protect bucket edges, increase durability and extend bucket wear life in a variety of applications.

- **Single strap bolt-on uniteeth** provide maximum penetration for aggressive digging. They provide a smooth bucket bottom for work on prepared surfaces, quick change versatility, reduced downtime and excellent wear life.
- **Bolt-on cutting edges** are recommended for bucket base edge protection in high wear conditions where teeth are not required. Made from tough DH-2 hardened steel, they extend edge wear life when working on hard surfaces.
- **Bolt-on tooth bars** quickly convert a bucket into an aggressive digging tool. Uniteeth are welded to a protective edge that fits over the existing bucket base edge and is secured to the bucket side plates. The hardened, high strength steel teeth, in conjunction with the full width protective edge, provide the right balance of penetration, edge wear life and bucket base edge protection.

See G.E.T. options, page 7.



General Purpose Buckets

Designed for superior performance.

Caterpillar General Purpose Buckets are designed to optimize machine performance when digging, loading, carrying, leveling, grading and dumping in a variety of applications and materials.

- **Optimum bucket geometry:** low back height profile and long floor length, combined with formed back wrapper and optimum wrapper angle, result in excellent visibility to the front cutting edge and front corners, and superior loading and dumping.
- **Dual torque tubes** run the entire width of the bucket to resist twisting and impact forces, providing strength and durability.
- **Hardened steel front base edge and side cutting edges** provide excellent penetration, durability and wear life.
- **Full length skid bars** provide additional bucket floor rigidity and protection.



Dirt Buckets

Designed for light duty earth excavation.

Caterpillar Dirt Buckets leverage many of the same features found in general purpose buckets, but with lower volume capacity. They are recommended for tight areas where a narrower, lower capacity bucket is required. Applications include digging and light duty excavation in construction or landscaping settings.



Utility Buckets

Designed to handle a variety of low density materials.

Caterpillar Utility Buckets also incorporate many of the same features found in general purpose buckets. These higher capacity buckets are designed with a taller back height profile, longer floor length and dual angled side plates for handling lower density materials such as mulch, dry topsoil, livestock feed and waste. The taller dual angled side plates aid in the retention of loose, more flowing materials such as feed or fertilizer. Applications include grading, leveling, loading and stockpiling material in landscaping and agricultural work.



Light Material Buckets

High capacity increases productivity and handling light materials.

Caterpillar Light Material Buckets are the largest capacity buckets offered for Cat Skid Steer Loaders and Multi Terrain Loaders. They too utilize many of the same features found in general purpose buckets, but with higher volume capacities to handle low density materials such as mulch, wood chips, dry topsoil, fertilizer, livestock feed, snow and many more. Applications include loading and stockpiling light material in landscaping and agricultural work.



Multi Purpose Buckets

Clam design enables superior performance in a wide variety of applications.

Caterpillar Multi Purpose Buckets offer the same excellent loading, reliability and durability characteristics found in other Cat Buckets, with added versatility for digging, dozing, clamping, back dragging, grading and leveling in a broad range of applications. These buckets are ideal for construction, landscaping, industrial and demolition applications.

- **Excellent clamping force** allows the bucket to grasp large, irregularly shaped objects such as trees, loose stumps, brush, recycling debris and pipe, increasing the versatility of the machine.
- **Serrated side edge** of the clam provides a gripping surface to hold material.
- **Clam jaw opens a full 89°** to allow the bucket to be used as a dozing blade.
- **Hardened dozer and clam steel base and side cutting edges** provide excellent penetration, durability and wear life.
- **Hinge and cylinder pins are plated** for corrosion protection and long life. Grease points are conveniently located and protected.
- **Cat medium pressure hose, fittings and o-ring face seals** provide superior leak free performance and reliability. All hoses are wrapped with nylon woven Cordura sleeving for added operator protection.
- **“Connect under pressure” hydraulic quick disconnect** allows for easy work tool connection.

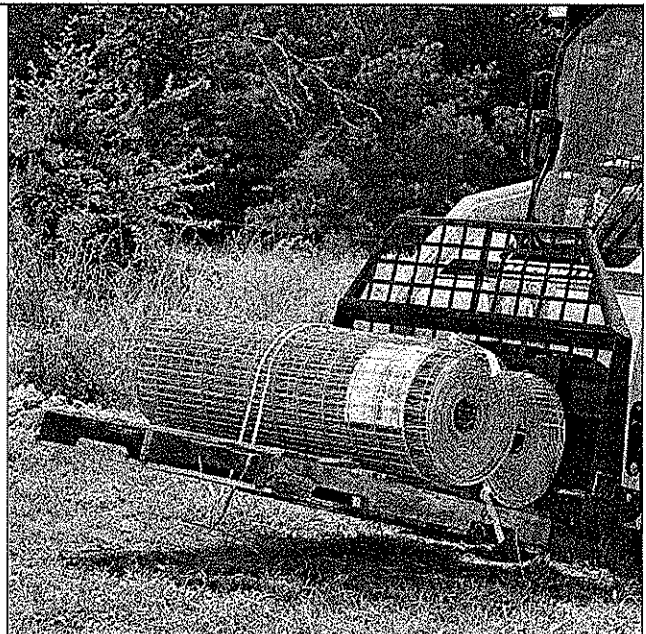


Pallet Forks

Forks provide added capability of moving palletized loads.

Caterpillar Pallet Forks are used for a variety of material handling needs, such as moving bulky or palletized materials on construction and industrial sites, handling bagged fertilizer and seed at landscaping and nursery sites, and similar jobs.

- **Notched rail-type carriage design** allows fork tines to be easily respaced or changed and locked into place. Forks are loaded onto the carriage using an off-center cut-out for quick and easy change-out.
- **Heavy duty load backrest structure** is functional, durable and easy to see through. It provides operator protection from shifting loads, while maintaining excellent visibility to the fork tips.
- **Three fork tine lengths** are available for specific material handling requirements — 910, 1070 and 1220 mm (36, 42 and 48 in). All pallet forks are rated Class II.



Specifications

General Purpose Buckets

Width*	1524 mm (60 in)	1676 mm (66 in)	1829 mm (72 in)	1981 mm (78 in)
Rated bucket capacity**	0.36 m ³ (12.7 ft ³)	0.4 m ³ (14.0 ft ³)	0.44 m ³ (15.4 ft ³)	0.48 m ³ (16.7 ft ³)
	0.36 m ³ (0.47 yd ³)	0.4 m ³ (0.52 yd ³)	0.44 m ³ (0.57 yd ³)	0.48 m ³ (0.62 yd ³)
Weight***	175 kg (385 lb)	216 kg (475 lb)	254 kg (560 lb)	293 kg (645 lb)
Base edge thickness	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)

Dirt Buckets

Width*	1372 mm (54 in)	1524 mm (60 in)	1676 mm (66 in)	1829 mm (72 in)
Rated bucket capacity**	0.30 m ³ (10.5 ft ³)	0.34 m ³ (11.9 ft ³)	0.37 m ³ (13.0 ft ³)	0.40 m ³ (14.1 ft ³)
	0.30 m ³ (0.39 yd ³)	0.34 m ³ (0.44 yd ³)	0.37 m ³ (0.48 yd ³)	0.40 m ³ (0.52 yd ³)
Weight***	131 kg (290 lb)	150 kg (330 lb)	172 kg (380 lb)	184 kg (405 lb)
Base edge thickness	16 mm (0.63 in)	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)

Utility Buckets

Width*	1524 mm (60 in)	1676 mm (66 in)	1829 mm (72 in)
Rated bucket capacity**	0.43 m ³ (15.1 ft ³)	0.47 m ³ (16.5 ft ³)	0.51 m ³ (17.8 ft ³)
	0.43 m ³ (0.56 yd ³)	0.47 m ³ (0.61 yd ³)	0.51 m ³ (0.66 yd ³)
Weight***	197 kg (435 lb)	211 kg (465 lb)	225 kg (495 lb)
Base edge thickness	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)

Light Material Buckets

Width*	1829 mm (72 in)	1981 mm (78 in)	2134 mm (84 in)
Rated bucket capacity**	0.69 m ³ (24.3 ft ³)	0.75 m ³ (26.5 ft ³)	0.84 m ³ (29.7 ft ³)
	0.69 m ³ (0.9 yd ³)	0.75 m ³ (0.98 yd ³)	0.84 m ³ (1.1 yd ³)
Weight***	263 kg (580 lb)	275 kg (605 lb)	326 kg (719 lb)
Base edge thickness	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)

Multi Purpose Buckets

Width*	1524 mm (60 in)	1676 mm (66 in)	1829 mm (72 in)	1981 mm (78 in)
Rated bucket capacity**	0.3 m ³ (10.5 ft ³)	0.34 m ³ (11.9 ft ³)	0.37 m ³ (13.0 ft ³)	0.40 m ³ (14.0 ft ³)
	0.3 m ³ (0.39 yd ³)	0.34 m ³ (0.44 yd ³)	0.37 m ³ (0.48 yd ³)	0.40 m ³ (0.52 yd ³)
Weight***	329 kg (725 lb)	349 kg (770 lb)	368 kg (810 lb)	386 kg (850 lb)
Jaw opening	767 mm (30 in)	767 mm (30 in)	767 mm (30 in)	767 mm (30 in)
Clam angle (open)	89°	89°	89°	89°
Base edge thickness	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)	19 mm (0.75 in)

Pallet Forks

Fork tine lengths	910 mm (36 in)	1070 mm (42 in)	1220 mm (48 in)
Carriage height	940 mm (37 in)	940 mm (37 in)	940 mm (37 in)
Fork tine width	100 mm (4 in)	100 mm (4 in)	100 mm (4 in)
Fork tine thickness	40 mm (1.6 in)	40 mm (1.6 in)	40 mm (1.6 in)
Number of fork tines	2	2	2
Carriage frame width	1158 mm (46 in)	1158 mm (46 in)	1158 mm (46 in)
Carriage weight	101 kg (223 lb)	101 kg (223 lb)	101 kg (223 lb)
Fork tine weight	42 kg (92 lb)	47 kg (104 lb)	52 kg (114 lb)
Fork group weight****	185 kg (407 lb)	195 kg (431 lb)	205 kg (451 lb)

* Measured from inside of side plate to inside of side plate; overall width is approximately 50 mm (2 in) wider.

** Rated capacities are heaped per ISO 7546:1983 and SAE J742 FEB85.

*** With base cutting edge only, without ground engaging tools.

**** Carriage plus two fork tines

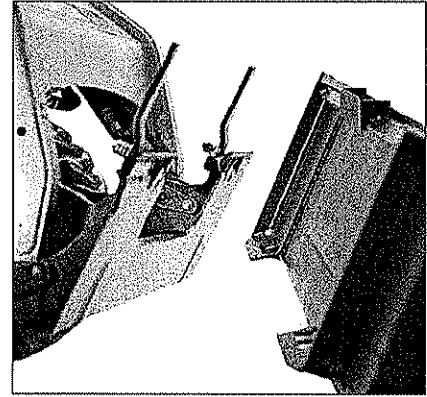
Ground Engaging Tool (G.E.T.) Options

	Base edge*	Eight bolt-on teeth	One-piece bolt-on edge**	Bolt-on tooth bar***
General Purpose Bucket	Standard	Optional	Optional	Optional
Dirt Bucket	Standard	—	Optional	—
Utility Bucket	Standard	—	Optional	—
Light Material Bucket	Standard	—	Optional	—
Multi Purpose Bucket	Standard	Optional	Optional	Optional
Industrial Grapple Bucket	Standard	—	Optional	—

* Base cutting edge comes standard with pre-drilled holes for the addition of Cat bolt-on uni-teeth and cutting edges.

** Bolt-on cutting edge thickness is 16 mm (0.63 in). Optional 19 mm (0.75 in) cutting edge for 1676 and 1829 mm (66 and 72 in) buckets.

*** Bolt-on tooth bars are available in 1524, 1676, 1829, and 1981 mm (60, 66, 72, and 78 in) widths only.



Quick Coupler

Caterpillar Skid Steer Loader and Multi Terrain Loader Work Tools incorporate an interface that matches the machine's integrated mechanical and hydraulic quick coupler systems. The rugged, opposing wedge design holds the work tool tightly in place for a secure fit. Quick attach mounting allows for easy work tool conversion, increasing machine versatility.

Compatibility

Following are the recommended and approved Cat Skid Steer Loader/Multi Terrain Loader — Bucket and Fork combinations for maximum system performance.

Buckets and Pallet Forks	Skid Steer Loader Models										Multi Terrain Loader Models				
	Radial Lift					Extended Reach					Radial Lift			Extended Reach	
	216B	226B	236B	246B	248B	232B	242B	252B	262B	268B	247B	267B	277B	257B	287B
General Purpose Buckets															
1524 mm (60 in)	●	●	■	■	■	■	■	▽	▽	■	■	▽	▽	■	▽
1676 mm (66 in)	■	■	●	●	●	●	●	●	●	●	●	▽	▽	●	▽
1829 mm (72 in)	▽	▽	●	●	●	■	■	●	●	●	●	■	■	●	■
1981 mm (78 in)	▽	▽	■	■	■	▽	▽	■	■	■	■	●	●	■	●
Multi Purpose Buckets															
1524 mm (60 in)	●	●	■	■	■	■	■	▽	▽	■	■	▽	▽	■	▽
1676 mm (66 in)	■	■	●	●	●	●	●	●	●	●	●	▽	▽	●	▽
1829 mm (72 in)	▽	▽	●	●	●	■	■	●	●	●	●	■	■	●	■
1981 mm (78 in)	▽	▽	■	■	■	▽	▽	■	■	■	■	●	●	■	●
Dirt Buckets															
1372 mm (54 in)	■	■	▽	▽	▽	■	■	▽	▽	▽	▽	▽	▽	▽	▽
1524 mm (60 in)	●	●	■	■	■	■	■	▽	▽	■	■	▽	▽	■	▽
1676 mm (66 in)	■	■	●	●	●	●	●	●	●	●	●	▽	▽	●	▽
1829 mm (72 in)	▽	▽	●	●	●	■	■	●	●	●	●	■	■	●	■
Light Material Buckets															
1829 mm (72 in)	●	●	●	●	●	●	●	●	●	●	●	■	■	●	■
1981 mm (78 in)	▽	▽	■	■	■	■	■	●	●	■	■	●	●	■	●
2134 mm (84 in)	▽	▽	▽	■	■	▽	■	●	●	■	■	●	●	●	●
Utility Buckets															
1524 mm (60 in)	●	●	■	■	■	■	■	▽	▽	■	■	▽	▽	■	▽
1676 mm (66 in)	■	■	●	●	●	●	●	●	●	●	●	▽	▽	●	▽
1829 mm (72 in)	▽	▽	●	●	●	■	■	●	●	●	●	●	●	●	●
Pallet Forks															
910 mm (36 in)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1070 mm (42 in)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1220 mm (48 in)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

● Provides optimum system performance.

■ Provides acceptable system performance.

▽ Not recommended.

Note: Refer to Caterpillar Skid Steer Loader and Multi Terrain Loader Operation and Maintenance Manuals (OMM) for rated operating load with specific Caterpillar bucket or fork arrangements.

**Buckets and Pallet Forks
Skid Steer Loader Work Tools
Multi Terrain Loader Work Tools**

www.cat.com

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AEHQ5360-02 (6-05)

Replaces AEHQ5360-01

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

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CATERPILLAR®



Cat[®] Trenchers

Skid Steer Loaders
Multi Terrain Loaders
Compact Track Loaders
Compact Wheel Loaders

Cat[®] Trenchers are designed for cutting narrow straight trenches in the soil prior to laying electrical, telephone and cable lines, or water and gas pipe. Trenchers are ideal for residential, commercial, agricultural, building construction, lawn care and golf course maintenance.

Features:

Direct drive system

- Direct drive system features a variable speed, bi-directional, gerotor style motor that delivers optimal chain speed, chain pull and torque for maximum trenching performance in a broad range of soil types.

Durable double standard antibackflex chain

- Durable double standard antibackflex chain eliminates chain backlash and ensures teeth are positioned at the most efficient angle for smooth cutting and longer tooth life.

Hardfaced, tungsten carbide steel cupped teeth

- Hardfaced, tungsten carbide steel cupped teeth are standard for long life in many soil conditions. Teeth are spaced for optimum digging performance in most soil.

Standard boom length

- Standard boom length is used for all-purpose performance. Replaceable weld-on wear strips extend boom life.

Large diameter bolt-on spoil auger

- Large diameter bolt-on spoil auger improves loose soil removal from trenching area and allows for quick, easy removal and servicing.

Hydraulic or manual side-shift

- Hydraulic or manual side-shift on the T6B and T9B provides close trenching flexibility near structures or obstructions. Hydraulic side-shift on the T15B is controlled from the operator's compartment using the standard flow auxiliary hydraulic circuit selector control.

Formed skid shoe

- Formed skid shoe acts as a pivot point and maintains proper spoil auger orientation.

Optional chain types and cutting widths

- Optional chain types and cutting widths are available for specific soil, digging requirements and trench widths.

Optional bolt-on crumber bar with shoe

- Optional bolt-on crumber bar with shoe improves soil removal to provide cleaner trench. Shoes available in size range to accommodate trench width.

Cat XT[™] and medium pressure hose, couplings and O-ring face seals

- Cat XT and medium pressure hose, couplings and O-ring face seals provide superior, leak-free performance and reliability. All hoses are wrapped with nylon woven cordura sleeving for added operator protection. Hydraulic quick disconnects enable fast tool changes.

Quick coupler

- Rugged, opposing edge design holds the work tool securely and allows the operator to quickly change from one high performance Cat Work Tool to another.

Compatibility

Model Machines

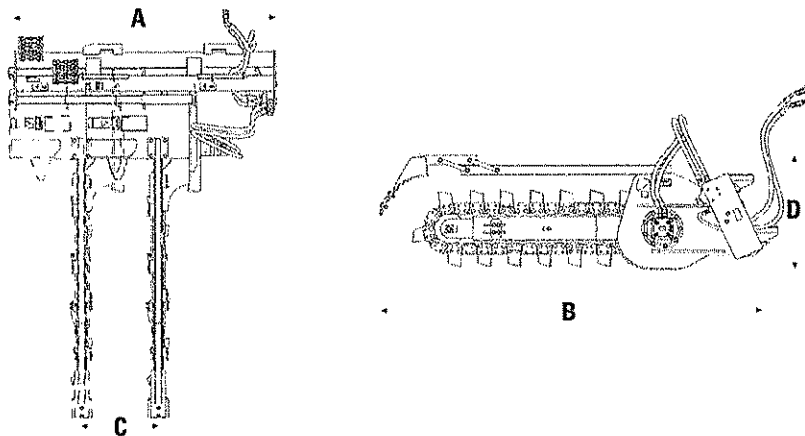
T6B	216B, 226B, 232B, 236B, 242B, 247B, 252B, 257B, 246C, 256C, 262C, 272C, 277C, 287C, 297C, 279C, 289C, 299C, 904B, 906H, 908H
T9B	216B, 226B, 232B, 236B, 242B, 247B, 252B, 257B, 246C, 256C, 262C, 272C, 277C, 287C, 297C, 279C, 289C, 299C, 904B, 906H, 908H
T15B*	226B, 242B, 257B, 246C, 256C, 262C, 272C, 277C, 287C, 297C, 279C, 289C, 299C, 906H, 908H

* Requires high flow or high flow XPS option on machine.

CATERPILLAR[®]

Cat Trenchers

Specifications



			T6B		T9B		T15B	
A Overall width	mm (in)		1426 (56)		1901 (74.8)		1901 (74.8)	
B Overall length	mm (in)		2348 (92)		2705 (106.5)		3010 (118.5)	
C Side-shift travel	mm (in)		419 (16.5)		559 (22)		559 (22)	
D Overall height	mm (in)		786 (30.9)		786 (30.9)		786 (30.9)	
Max auger clearance	mm (in)		534 (21)		534 (21)		534 (21)	
Spoil auger diameter	mm (in)		457 (18)		457 (18)		457 (18)	
Standard boom length	mm (in)		914 (36)		1219 (48)		1524 (60)	
Unit weight	kg (lb)		397 (875)		551 (1,215*)		601 (1,325**)	
Required hydraulic flow range	L/min (gpm)		42-83 (11-22)		42-83 (11-22)		95-152 (25-40)	
Optimal hydraulic pressure range	bar (psi)		145-235 (2,100-3,400)		145-235 (2,100-3,400)		207-310 (3,000-4,500)	
Motor displacement	cm ³ /rev (in ³ /rev)		393.9 (24.0)		393.9 (24.0)		629.1 (38.4)	
Theoretical drive shaft torque ¹	N•m (lb•ft)		1447 (1,068)		1447 (1,068)		2905 (2,144)	
Chain pull @ max pressure ²	kg (lb)		1207 (2,661)		1207 (2,661)		2424 (5,344)	
Chain speed @ max flow ²	mpm (fpm)		155 (508.5)		155 (508.5)		158 (518.3)	
Drive shaft speed @ max flow ²	rpm		203		203		207	
Optional cutting widths	mm (in)		152, 203, 254, 305 (6, 8, 10, 12)		152, 203, 254, 305 (6, 8, 10, 12)		152, 203, 254, 305 (6, 8, 10, 12)	

* T9B equipped with 1219 mm (48 in) boom, hydraulic side shift control, double standard antbackflex chain, 203 mm (8 in) cutting width, 50/50 combo carbide/cup chain.

** T15B equipped with 1524 mm (60 in) boom, double standard antbackflex chain, 203 mm (8 in) cutting width, 50/50 combo carbide/cup chain.

¹ Max. Pressure: T9B – 235 bar (3,400 psi), T15B – 290 bar (4,205 psi)

² Max. Flow: T9B – 83 L/min (22 gpm), T15B – 130 L/min (34 gpm)

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Replaces AEHQ5836

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