

County of **CAMDEN** State of Missouri

1 Court Circle, Suite 1  
Camdenton, Missouri 65020

**Presiding Commissioner**  
Carolyn Loraine

**1<sup>st</sup> District Commissioner**  
Beverly Thomas

Office of the  
**CAMDEN COUNTY COMMISSION**

**Commission Clerk**  
Rowland Todd

**2<sup>nd</sup> District Commissioner**  
Thom Gumm

---INVITATION TO BID---

The Camden County Commission is accepting bids on behalf of the Camden County Road & Bridge department for a Rubber Tired Wheel Loader. Specifications may be picked up at Camden County Purchasing, Camden County Road & Bridge or the Camden County Web Site [www.camdenmo.org](http://www.camdenmo.org).

Sealed bids must be in the hands of Rowland A. Todd, County Clerk, by 10:00 AM on Thursday, March 11, 2010. Five (5) copies of the bid must be submitted to the following address:

Rowland A. Todd-Camden County Clerk  
1 Court Circle, Suite 2  
Camdenton, MO 65020

The outer envelope shall be marked in the lower left hand corner "LOADER 100311-1"

The Camden County Commission reserves the right to accept or reject any or all bids submitted. The Camden County Commission has the right to accept the best and lowest bid submitted.

Camden County Commission

PHONE (573) 346-4440 X-1244 FAX (573) 346-5181

## **TERMS AND CONDITIONS**

- Camden County reserves the right to reject any and all bids or parts of a bid and waive technicalities, and to adjust quantities.
- All bids will be considered final. No additions, deletions, corrections or adjustments will be accepted after the time of bid opening.
- All delivery costs or charges shall be included in the F.O.B. destination bid price.
- City, County and State of Missouri Sales Tax and Federal Taxes are not applicable to sales made to Camden County and must be excluded.
- Vendors are required to clearly identify any deviations from the specifications in this document.
- An authorized officer of the company submitting the bid must sign all bids.
- Vendors must submit five (5) copies of their bid; one is to be an original and so marked.
- All prices and notations must be in ink or typewritten on the attached form. Mistakes must be crossed out, corrections typed adjacent and must be initialed in ink by person signing the bid.
- Camden County will not award any bid to an individual or business having any outstanding amounts due from a prior Contract or business relationship with the County or who owes any amount(s) for delinquent taxes, fees or licenses.
- Sealed proposals received after the designated time of the receipt of the sealed proposals will be considered as "No Bid" and a "Void" and will not be opened.
- The successful bidder is specifically denied the right of using in any form or medium the names of Camden County or any other public entity within the Camden County for public advertising unless express written permission is granted.
- All bidders must possess the necessary and appropriate business and/or professional licenses in their field.

**BID PROPOSAL SHEET 2010-#18**

**RUBBER TIRED WHEEL LOADER**

The bid proposal must be submitted on this sheet to be accepted by the Camden County Road & Bridge Department.

Company: \_\_\_\_\_

Make and Model: \_\_\_\_\_

Base Price (New): \$ \_\_\_\_\_

Base Price (Demo): \$ \_\_\_\_\_

Trade-in Allowance: \$ \_\_\_\_\_

Total Bid Purchase Price (New): \$ \_\_\_\_\_

Total Bid Purchase Price (Demo): \$ \_\_\_\_\_

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

Print Name of Contact: \_\_\_\_\_

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

Phone Number: \_\_\_\_\_

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

2010

**ONE (1) RUBBER TIRED WHEEL LOADER**

The Camden County Highway Department is accepting bids on one (1) Rubber Tired Wheel Loader, which meets or exceeds the following specifications:

List unit make and model \_\_\_\_\_

**LIST/CHECK**

**ENGINE:**

The unit shall have a 4 cylinder, turbo charged diesel engine \_\_\_\_\_

List engine \_\_\_\_\_ Make \_\_\_\_\_ Model \_\_\_\_\_

The engine shall be a 276 c.i.d. minimum \_\_\_\_\_

The engine shall have net horsepower of 110 @ 2,200 rpm \_\_\_\_\_

The engine shall have a torque rating of 380 ft. lb. net @ 1,400 rpm \_\_\_\_\_

**TRANSMISSION:**

The unit shall have a full power shift transmission, list make and model \_\_\_\_\_

Transmission speeds - Forward \_\_\_\_\_ Reverse \_\_\_\_\_

The transmission shall have a clutch disconnect feature through both brake pedals \_\_\_\_\_

**AXLE:**

The axles shall be limited slip differentials (front and rear) \_\_\_\_\_

**FINAL DRIVE:**

The unit shall have an inboard planetary final drive \_\_\_\_\_

**LIST/CHECK**

**BRAKES:**

The unit shall have air hydraulic actuated, wet disk brakes \_\_\_\_\_

Is the front and rear brakes separate? \_\_\_\_\_

The brakes are activated by one or two pedals \_\_\_\_\_

The parking brake shall be spring applied, hydraulically released \_\_\_\_\_

The brakes shall be sealed and fully enclosed \_\_\_\_\_

**ELECTRICAL:**

The unit shall have two (2) batteries minimum 900 CCA (each) \_\_\_\_\_

The alternator shall have a capacity of 80 amp \_\_\_\_\_

The unit shall have a minimum of two front and two rear work lights, two separate front driving lights, two separate combination stop and tail lights, front and rear turn and flashing signals, lighted instrument cluster \_\_\_\_\_

**TIRES:**

The unit shall have a minimum 17.5R x 25 x 12 PR L-2 \_\_\_\_\_

**HYDRAULICS:**

The unit shall have a hydraulic variable axial-piston pump. List make \_\_\_\_\_

Hydraulic pump \_\_\_\_\_ Gallon @ \_\_\_\_\_ RPM @ \_\_\_\_\_ PSI

**LIST/CHECK**

The unit shall have a loader feature of hydraulic lift, lower, dump, rollback, and float

\_\_\_\_\_

**GENERAL:**

The unit shall be bid to include a full fuel tank. List fuel capacity

\_\_\_\_\_

The unit shall have all lube points at ground level

\_\_\_\_\_

The unit shall have a cold weather starting aid

\_\_\_\_\_

**CAB:**

The unit shall have a ROPS cab

\_\_\_\_\_

The cab shall include a pressurized air conditioning, heater and defroster, horn, back up alarm, bucket position indicator, declutch, hydraulic oil cooler, tilt steering column, transmission oil cooler and AM/FM radio, adjustable arm rests

\_\_\_\_\_

The unit shall have locking compartments and engine shields, all keyed the same

\_\_\_\_\_

The unit shall have side opening windows that secure to the cab

\_\_\_\_\_

The unit shall have front and rear wipers and washers

\_\_\_\_\_

The unit shall have an air suspension seat

\_\_\_\_\_

**LOADER:**

The unit shall have a turn of 40°

\_\_\_\_\_

The unit shall have a bucket size with bolt on cutting edge – minimum 3.5 cu. yd. heaped

\_\_\_\_\_

**LIST/CHECK**

The unit shall have a SAE breakout force (lb.) – 17,000 minimum \_\_\_\_\_

The unit shall have a tipping load straight (lb.) – 17,000 minimum \_\_\_\_\_

The unit shall have a tipping load at maximum turn (lb.) – 15,000 lbs. minimum \_\_\_\_\_

List lift capacity at ground level \_\_\_\_\_

List lowering time empty \_\_\_\_\_

List raising time with load to full height \_\_\_\_\_

List turn radius \_\_\_\_\_

The unit shall have a dump clearance minimum 9'11" at 45 degrees full height \_\_\_\_\_

The unit shall have a SAE operating weight with standard equipment minimum 24,300 lb. \_\_\_\_\_

List dimensions W.B. \_\_\_\_\_ Overall length \_\_\_\_\_ Height \_\_\_\_\_

All standard equipment, freight and delivery includes operating manual, service manuals and parts book included \_\_\_\_\_

Approximate delivery date \_\_\_\_\_

Warranty – five (5) years, 5000 hours total machine warranty including parts, service, travel time and mileage on entire machine \_\_\_\_\_

List warranty extension coverage if available \_\_\_\_\_

As an option this unit shall be bid as a lease/purchase agreement, with a 5-year buy back option \_\_\_\_\_

The county wants a Life Cycle Cost analysis form filled out on this machine (copy attached)

2010 Specifications  
Rubber Tired Wheel Loader  
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The County will also entertain a bid on a low hour (under 1,000 hours) demo for purchase or purchase/lease agreement with the same specs as above including the five (5) year, 5000 hour warranty.

Provide the terms of the purchase/lease agreement with the bid so that we may study the terms of the lease before a decision is made on what course we will follow.

**TRADE-IN UNIT:**

**Inspect unit at Southern District Maintenance Facility, #172 VFW Road, Camdenton, Missouri by calling 573-346-4471.**

**ONE (1) 1989 CASE W14-B WHEEL LOADER ASSET # 1170 S/N JAK0018274**

**This trade-in will be in use until delivery of new unit.**

All bids shall be in effect until new bids are let in 2011.

**AMERICAN MADE:**

In accordance with the Domestic Product Procurement Act (hereinafter referred to as the Buy American Act) RSMo 34.350-34.359, the bidder is advised that any goods purchased or leased by any public agency where the purchase, lease or contract involves the expenditure of twenty-five thousand dollars (\$25,000) or more, shall be manufactured or produced in the United States. Section 34.350.2(1) of that Act specifies that the term "public agency" includes all political subdivisions of the State of Missouri, which definition includes counties.

The requirements of the Buy American Act shall not apply if other exceptions to the Buy American mandate in RSMo 34.353 are met.

If the bidder claims there is only one line of the good manufactured or produced in the United States, RSMo 34.353 (2), or that one of the exceptions of RSMo 34.353 (3) applies, the Department Head or Elected Official bears the burden of certification as required prior to the award of a contract.

In accordance with the Buy American Act, the bidder must provide proof of compliance with RSMo 34.353. Therefore the bidder should complete and return Exhibit A, certification regarding proof of compliance, with the bid. This document must be satisfactorily completed prior to an award of a contract.

**EXHIBIT A**

**CAMDEN COUNTY  
DOMESTIC PRODUCTS PROCUREMENT ACT (BUY AMERICAN)**

The Missouri Domestic Products Procurement Act (34.350-34.359 RSMo) requires that for all bids with a value of \$25,000 or more, the goods or commodities purchased by any public agency (which definition includes all political subdivisions of the State, including counties) or used or supplied in the construction, alteration, repair, or maintenance of any public works must be **manufactured or produced** in the United States. As defined in 34.350 RSMo, United States means the United States of America, the District of Columbia, and all territories and possessions subject to the jurisdiction of the United States. The law also requires that the bidder must provide proof of compliance. **Note: In general, if an import tariff is applied to an item, it does not qualify for the Buy American preference. In addition, Most Favored Nation status does not allow application of the preference.**

**Section A – All Products Are Manufactured or Produced In U.S.**

If all products bid qualify as domestic products under Missouri law, complete only Section A.

I hereby certify that all products qualify as domestic, that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

**If Section A is completed, do not complete Section B.**

**Section B – Only One Product Line or No Products Are Manufactured or Produced In U.S.**

If only one product line or no products are manufactured or produced in the U.S. complete only section B.

I hereby certify that there is only one product line or no product manufactured or produced in the U.S., that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

**Section C – Products May Qualify Because of Qualifying Treaty**

If some or all products bid qualify for domestic status because of a trade treaty, etc., then the bidder must identify each product, country and qualifying treaty, etc. below. **The bidder must list ALL products which are or may qualify as domestic below.** If more space is needed, please copy this form and submit as an attachment.

BID ITEM NUMBER(S)	COUNTRY WHERE MANUFACTURED OR PRODUCED	QUALIFYING TREATY, LAW, AGREEMENT, OR REGULATION

**SECTION C**

I hereby certify that the specific items listed above are domestic, that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

**EXCLUSION SHEET**

You must list any items on this sheet that do not meet the specifications that are requested

**Wheel Loader Life Cycle Cost Bid Form:**

Item No. =====	Est. Description Qty. =====	Unit Price =====	Total Price =====
1.	Wheel Loader Purchase Price	\$ _____	\$ _____
	Yr/Make/Model _____		
2.	Trade In Price / Offer	\$ _____	\$ _____
3.	Total Maintenance Costs	\$ _____	\$ _____
	(From Scheduled Maintenance Calculation Form Attached)		
4.	Maximum Repair Costs (Extended Warranty)	\$ _____	\$ _____
	(___ Years / _____ Hours)		
5.	Residual / Salvage Value	\$ _____	\$ _____
	(___ Years / _____ Hours)		
<b>Total Bid Price (1 – 2 + 3 + 4 – 5)</b>			<b>\$ _____</b>

# Wheel Loader Scheduled Maintenance Calculation Form:

**Instructions:** The intent of this form is to determine the total scheduled maintenance costs that can be expected during the first \_\_\_\_\_ hours of ownership (Operation). Service intervals, number of grease fittings, and capacities should be taken directly from the manufacturer's lubrication and maintenance manual. Unit costs given are equal for all vendors. Although there may be a slight variance due to refill capacities, these total costs are made up of labor, overhead, lost production, gaskets, lubricants, filters, and supervisory time. The comparison examines the service intervals for the various units bid and assumes that the manufacturer's recommendations, if followed exactly, will allow the costs that are to be incurred on each unit, to be calculated with reasonable accuracy.

## A. Grease Fittings: (Per one (1) unit)

Determine the number of fittings at each interval. Insert each number as indicated (if none, write none). Perform calculations and total in the last column.

Total Hrs. Operation	Service Interval	x	No. of Fittings	Cost Per Fitting	=Total Cost (A)
_____	÷ 10	x	_____	x \$.25	= _____
_____	÷ 50	x	_____	x \$.25	= _____
_____	÷ 100	x	_____	x \$.25	= _____
_____	÷ 250	x	_____	x \$.25	= _____
_____	÷ 500	x	_____	x \$.25	= _____
_____	÷ 1000	x	_____	x \$.25	= _____
_____	÷ 2000	x	_____	x \$.25	= _____
				<b>TOTAL COST</b>	<b>= \$ _____</b>

**B. Engine Oil & Filter:** From manufacturer's maintenance manual determine crankcase drain and refill interval. Insert this hourly number and perform the calculation to arrive at the total cost for an engine oil change.

Number of Gallons _____	x \$ 4.50 / Gallon	= \$ _____ +
Current Cost of Filters		= \$ _____ +
Fixed Cost (Time x Agencies Labor Cost / Hr)		= \$ _____ +
Cost per Change		= \$ _____
Total Hrs. Operation _____	÷ Service Interval _____ x	Cost Per Change _____
		= Total Cost (B) = \$ _____

**C. Transmission Oil:** From manufacturer's maintenance manual determine transmission drain and refill interval. Insert this hourly number and perform the calculation to arrive at the total cost for a transmission oil change.

Number of Gallons _____	x \$ 9.00 / Gallon	= \$ _____ +
Current Cost of Filters		= \$ _____ +
Fixed Cost (Time x Agencies Labor Cost / Hr)		= \$ _____ +
Cost per Change		= \$ _____
Total Hrs. Operation _____	÷ Service Interval _____ x	Cost Per Change _____
		= Total Cost (C) = \$ _____

**D. Hydraulic System:** From the manufacturer's maintenance manual determine the hydraulic system's drain and refill interval. Insert this hourly number, insert the total capacity (in gallons) and perform the calculation to arrive at the total cost for a hydraulic system service.

Number of Gallons _____	x \$ 9.00 / Gallon	= \$ _____ +
Current Cost of Filters		= \$ _____ +
Fixed Cost (Time x Agencies Labor Cost / Hr)		= \$ _____ +
Cost per Change		= \$ _____
Total Hrs. Operation _____	÷ Service Interval _____ x	Cost per Change _____
		= Total Cost (D) = _____

**E. Front & Rear Axle Oil:** From the manufacturer's maintenance manual determine the Axle's drain and refill interval. Insert this hourly number, insert the total capacity (in gallons) and perform the calculation to arrive at the total cost for an Axle service.

Number of Gallons \_\_\_\_\_ x \$ 9.00 / Gallon = \$ \_\_\_\_\_ +  
 Fixed Cost (Time x Agencies Labor Cost / Hr) = \$ \_\_\_\_\_ +  
 Cost per Change = \$ \_\_\_\_\_

Total Hrs. Operation \_\_\_\_\_ Service Interval \_\_\_\_\_ Cost Per Change \_\_\_\_\_ = Total Cost (E)  
 \_\_\_\_\_ ÷ \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

**F. Parking Brake Service:** From the manufacturer's maintenance manual determine the Parking Brake drain and refill interval. Insert this hourly number, insert the total capacity (in gallons) and perform the calculation to arrive at the total cost for a Parking Brake service.

Total Hrs. Operation \_\_\_\_\_ Service Interval \_\_\_\_\_ Parking Brake Cap. \_\_\_\_\_ x Cost per Gal. = Total Cost (F)  
 \_\_\_\_\_ ÷ \_\_\_\_\_ x \_\_\_\_\_ (Gal) x \$4.50 = \_\_\_\_\_

**G. Cooling System:** From the manufacturer's maintenance manual determine the cooling system's drain and refill interval. Insert this hourly number, insert the total capacity (in gallons) and perform the calculation to arrive at the total cost for a cooling system service.

Total Hrs. Operation \_\_\_\_\_ Service Interval \_\_\_\_\_ System Cap. \_\_\_\_\_ x Cost per Gal. = Total Cost (H)  
 \_\_\_\_\_ ÷ \_\_\_\_\_ x \_\_\_\_\_ (Gal) x \$4.50 = \_\_\_\_\_

**H. Engine Vibration Damper:** From the manufacturer's maintenance manual determine the Engine Vibration Damper replacement interval (If Not Required write None). Insert this hourly number, insert the labor cost and perform the calculation to arrive at the total cost for an engine vibration damper service.

Total Hrs. Operation \_\_\_\_\_ Service Interval \_\_\_\_\_ Labor & Parts Cost \_\_\_\_\_ = Total Cost (I)  
 \_\_\_\_\_ ÷ \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

**I. Hydraulic Hoses:** From the manufacturer's maintenance manual determine the Hydraulic Hose replacement interval (If Not Required write None). Insert this hourly number, insert the labor cost and perform the calculation to arrive at the total cost for an engine vibration damper service.

Total Hrs. Operation \_\_\_\_\_ Service Interval \_\_\_\_\_ Labor & Parts Cost \_\_\_\_\_ = Total Cost (I)  
 \_\_\_\_\_ ÷ \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

**J. Other:** From the manufacturer's maintenance manual include the cost of any other items that have a recommended service interval that falls within life of the contract.

Total Hrs. Operation \_\_\_\_\_ Service Interval \_\_\_\_\_ Cost per item \_\_\_\_\_ = Total Cost (J)  
 \_\_\_\_\_ ÷ \_\_\_\_\_ x \_\_\_\_\_ (Gal) x \$4.50 = \_\_\_\_\_

**TOTALS: (Per one (1) unit)** Listed below are each of the categories just calculated. Insert the total number of each category in the space provided and add the column.

A. Grease Fittings	\$ _____
B. Engine Oil and Filters	\$ _____
C. Transmission Oil	\$ _____
D. Hydraulic System Changes	\$ _____
E. Front & Rear Axle Oil	\$ _____
F. Parking Brake Service	\$ _____
G. Cooling System	\$ _____

H. Engine Vibration Damper \$ \_\_\_\_\_  
I. Hydraulic Hose Replacement \$ \_\_\_\_\_  
J. Other \$ \_\_\_\_\_

**TOTAL SCHEDULED MAINTENANCE COSTS:**

\$ \_\_\_\_\_