

County of **CAMDEN** State of Missouri

1 Court Circle, Suite 1
Camdenton, Missouri 65020

Presiding Commissioner
Carolyn Loraine

1st District Commissioner
Beverly Thomas

Office of the
CAMDEN COUNTY COMMISSION

Commission Clerk
Rowland Todd

2nd 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 Motor Grader. Specifications may be picked up at Camden County Purchasing, Camden County Road & Bridge or the Camden County Web Site 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 "MOTOR GRADER 100311-4"

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-#19

MOTOR GRADER

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) MOTOR GRADER

The Camden County Highway Department is accepting bids on one (1) Motor Grader, which meets or exceeds the following specifications:

List unit make and model _____

LIST/CHECK

ENGINE:

The unit shall have a 6 cylinder, turbo charged diesel engine, variable horse power _____

List engine _____ Make _____ Model _____

The engine shall be a 439 c.i.d. minimum _____

The engine shall have net horsepower of 165-218 @ 2,100 rpm _____

The engine shall develop 800 ft. lbs torque _____

The engine shall have an engine block heater _____

ELECTRICAL:

The unit shall have two (2) batteries minimum 1400 CCA _____

The alternator shall have a capacity of 100 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 _____

TRANSMISSION:

The unit shall have a full power shift, with direct drive, list make and model _____

Transmission speeds - Forward _____ Reverse _____

LIST/CHECK

FINAL DRIVE:

The unit shall have a planetary final drive

The unit shall be four wheel drive

BRAKES:

The brakes shall be wet multiple disc hydraulic actuation

HYDRAULIC SYSTEM:

The unit shall have a variable piston pump

The unit shall have a flow of approx 56 GPM

The unit shall have system pressure of approx. 2750 PSI

The unit shall have an extra hydraulic valve w/control

STEERING AND ARTICULATION:

The unit shall have front steer plus articulation

The unit shall have a 22° articulation

The unit shall have a minimum turning radius of twenty-four (24) feet

The unit shall have a front wheel lean of approx. 20°

BLADE:

The moldboard length shall be twelve (12 feet)

The moldboard thickness shall be a minimum of 0.88"

The moldboard height shall be a minimum of 24"

The shoulder reach outside the wheels shall be approx. 82"/82"

LIST/CHECK

The blade lift above ground shall be approx 19" _____

The unit shall have a hydraulic blade pitch and operation of 42°/5° _____

The unit shall have a blade side shift of approx 26"/26" _____

The blade shall have a circle rotation of 360° _____

The unit shall have a circle drive slip clutch _____

The unit shall have a circle diameter of approx. 60" _____

TIRES:

The unit shall have a minimum 14.00R-24 x 12 PR Michelin on MP rims _____

GENERAL:

The unit shall have a fuel capacity of approx. 110 gallons _____

The unit shall have a hydraulic capacity of approx. 14 gallons _____

The unit shall have a cold weather starting aid _____

The unit shall have approx. 9,000# on the front wheels _____

The unit shall have approx. 24,000# on the rear wheels _____

The unit shall have an operating weight of approx. 48,000# _____

CAB:

The unit shall have a low profile ROPS cab _____

The cab shall be pressurized with air conditioning, heater and defroster, horn, back up alarm, tilt steering column, transmission oil cooler, AM/FM radio, adjustable arm rests, tool box, speedometer, tachometer, Fire extinguisher and floor mats _____

LIST/CHECK

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 a deluxe contour air suspension seat

The cab shall have a fifteen (15) amp converter (24 volt to 12 volt)
With two (2) power ports for a two way radio hookup

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

The unit shall have one (1) set of service and parts CD's per unit sold

The unit shall be bid to include a mandatory four (4) hours safe operation and routine/preventative maintenance for mechanics and operators.
Training shall be held at #172 VFW Road in Camdenton.

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 is requiring all bidders to fill out a Life Cycle Cost analysis form on this machine (copy attached)

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) 1996 CAT 135H MOTOR GRADER ASSET # 2168 S/N 3YK00117

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.

Motor Grader Life Cycle Cost Bid Form:

Item No. =====	Est. Description Qty. =====	Unit Price =====	Total Price =====
1.	Motor Grader 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)	\$ _____	\$ _____
Total Bid Price (1 - 2 + 3 + 4 - 5)			\$ _____ =====

Motor Grader 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	= _____
				TOTAL COST	= \$ _____

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/Differential 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. Tandem Oil: From the manufacturer's maintenance manual determine the Tandem Drive'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 Tandem Drive service.

$$\begin{aligned} \text{Number of Gallons } \underline{\hspace{2cm}} &\times \$ 9.00 / \text{Gallon} &&= \$ \underline{\hspace{2cm}} + \\ \text{Fixed Cost (Time } \times \text{ Agencies Labor Cost / Hr)} &&&= \$ \underline{\hspace{2cm}} + \\ \text{Cost per Change} &&&= \$ \underline{\hspace{2cm}} \end{aligned}$$

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{Cost Per Change} & & = \text{Total Cost (E)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & & = \underline{\hspace{2cm}} \end{array}$$

F. Circle Drive Gearbox: From the manufacturer's maintenance manual determine the Circle Drive Gearbox'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 Circle Drive Gearbox service.

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{Gearbox Cap.} & \times \text{Cost per Gal.} & = \text{Total Cost (F)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & (\text{Gal}) \times \$ 4.50 & = \underline{\hspace{2cm}} \end{array}$$

G. Wheel Bearing Oil Change/Repack Bearings: From the manufacturer's maintenance manual determine the Front Wheel Hub's drain and refill interval (Wheel Bearing Repack interval). Insert this hourly number, insert the total capacity (in gallons) and perform the calculation to arrive at the total cost for a Wheel Bearing Oil change or Bearing Repack.

$$\begin{aligned} \text{Number of Gallons } \underline{\hspace{2cm}} &\times \$ 4.50 / \text{Gallon} &&= \$ \underline{\hspace{2cm}} + \\ \text{Fixed Cost (Time } \times \text{ Agencies Labor Cost / Hr)} &&&= \$ \underline{\hspace{2cm}} + \\ \text{Cost per Change} &&&= \$ \underline{\hspace{2cm}} \end{aligned}$$

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{Cost Per Change} & & = \text{Total Cost (G)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & & = \underline{\hspace{2cm}} \end{array}$$

H. 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.

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{System Cap.} & \times \text{Cost per Gal.} & = \text{Total Cost (H)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & (\text{Gal}) \times \$ 4.50 & = \underline{\hspace{2cm}} \end{array}$$

I. 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.

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{Labor \& Parts Cost} & & = \text{Total Cost (I)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & & = \underline{\hspace{2cm}} \end{array}$$

J. 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.

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{Labor \& Parts Cost} & & = \text{Total Cost (I)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & & = \underline{\hspace{2cm}} \end{array}$$

K. 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.

$$\begin{array}{rclcl} \text{Total Hrs. Operation} & & \text{Service Interval} & & \text{Cost per item} & & = \text{Total Cost (J)} \\ \underline{\hspace{2cm}} & \div & \underline{\hspace{2cm}} & \times & \underline{\hspace{2cm}} & (\text{Gal}) \times \$ 4.50 & = \underline{\hspace{2cm}} \end{array}$$

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. Tandem Oil Changes \$ _____
- F. Circle Drive Gearbox Changes \$ _____
- G. Wheel Bearing/Repack \$ _____
- H. Cooling System Changes \$ _____
- I. Engine Vibration Damper \$ _____
- J. Hydraulic Hose Replacement \$ _____
- K. Other \$ _____

TOTAL SCHEDULED MAINTENANCE COSTS:

\$ _____