

**DEPARTMENT OF PUBLIC WORKS
WHITMAN COUNTY
COLFAX, WASHINGTON 99111**

**BID FOR ONE NEW 2015, ALL WHEEL DRIVE ARTICULATED
MOTOR GRADER & TRADE IN**

NOTICE TO ALL BIDDERS:

Please contact Whitman County Operations Manager, Phil Meyer (509) 397-4622, if you have any questions.

Addendums:

All addendums will be posted on line. All bidders must access them at that site. www.whitmancounty.org Public Works Department, Road Bridge Maintenance.

**WHITMAN COUNTY
STATE OF WASHINGTON**

**BID FOR ONE NEW 2015, ALL WHEEL DRIVE ARTICULATED
MOTOR GRADER & TRADE IN**

INSTRUCTIONS TO BIDDERS

SEALED BIDS will be received by the Board of County Commissioners of Whitman County, Washington, at its office in the Whitman County Courthouse, Colfax, Washington, until the 17th day of February, 2015 at 11:00 a.m., Pacific Time, at which time they will be opened and publicly read. Handicap access can be obtained by the Mill Street entrance to the courthouse. FAX BIDS WILL NOT BE ACCEPTED.

EACH BID shall be separately sealed in an envelope addressed to the Board of County Commissioners with the name of the bidder and item bid, including time and date of opening, written plainly on the outside of the envelope and mailed to Whitman County Commissioners, Whitman County Courthouse, Colfax, Washington 99111. (No FAX accepted).

The Board of County Commissioners reserves the right to reject any or all bids or to accept the bid in which its estimation best serves the interest of Whitman County.

All applicable taxes must be shown when called for in the proposal.

No bidder may withdraw his bid after the hour set for the bid opening thereof, unless award is delayed for a period exceeding thirty (30) days.

It shall be the Dealer's responsibility to furnish Federal Excise Tax Exemption Certificate, when applicable.

A certificate statement shall be furnished to Whitman County on off-shore items in excess of \$2,500. R.C.W. per 39.25.020.

Payment will be made thirty (30) days after delivery and final acceptance by Whitman County. All interest costs incurred to bidder must be computed in the original price bid, as no further compensation will be made.

The following specifications are for the purpose of establishing the type of equipment desired; and in addition to these specifications, all equipment shall include all standard equipment and updated changes that are normally supplied by the manufacturer, as listed on manufacturer's brochure, at no additional cost to the County.

The price quoted shall include all mounting and transportation charges fully prepaid to and from the Whitman County Shop, Colfax, Washington. Purchase requires delivery date as stated from date of award.

Unit to be completely serviced and ready for use when delivered.

SPECIFICATIONS FOR BID FOR ONE NEW 2015, ALL WHEEL DRIVE ARTICULATED MOTOR GRADER & TRADE IN

“EXACT SPECIFICATIONS” – Columns must be filled in by bidder for bid to be accepted. All prices quoted must include equipment listed below.

MINIMUM SPECIFICATIONS

EXACT SPECIFICATIONS

1. New, 2015 All-wheel drive articulated Motor grader that meets all OSHA and WISHA standards even if not specified Herein.

MAKE: _____

MODEL: _____

YEAR: _____

YES/NO

SPECIFY MODIFICATION

2. GENERAL

Base operating weight (equipped as specified herein, including operating fluids, fuel, operator, but without wheel or frame weights and/or tire ballast). Minimum weight of 44,000 lbs., typically equipped.

3. OPERATOR CONTROLS

a) Electro-hydraulic controls with ability to operate steering and blade functions with arms on arm rest of seat. No exceptions.

b) Controls for wing must be in close proximity of blade controls.

4. ENGINE

a) Must be a turbo charged, diesel-powered, 6 cylinder, 4 cycle with direct injection.

b) Variable horsepower – Net engine horsepower 180-240 minimum in AWD (no exceptions).

	<u>YES/NO</u>	<u>SPECIFY MODIFICATION</u>
c) Two stage dry air cleaner with pre-cleaner, dust ejector, service indicator is desired.	_____	_____
d) Heavy duty, low temperature starting system.	_____	_____
e) 24 volt direct electric starting system.	_____	_____
f) 80 amp alternator, minimum.	_____	_____
g) Large muffler for sound suppression.	_____	_____
h) Turbo II pre-cleaner or equivalent.	_____	_____
5. TRANSMISSION		
a) Full power shift. No clutching required for gear changes.	_____	_____
b) Must have 8 forward speeds and 6 reverse speeds minimum.	_____	_____
c) Minimum top speed 28 mph and max low speed 2.5 mph at rated RPM in both forward and reverse direction.	_____	_____
d) Foot pedal for inching capability.	_____	_____
e) Shall have differential with lock and unlock.	_____	_____
f) Transmission shall have electronic shift control.	_____	_____
6. FRONT WHEEL DRIVE		
a) Must be able to engage/disengage "on the go."	_____	_____
b) Must have capability to vary speeds either faster or slower than the main drive wheels. Selection to be actuated from the cab.	_____	_____
7. STEERING		
a) Two cylinder hydraulic steering system.	_____	_____

	<u>YES/NO</u>	<u>SPECIFY MODIFICATION</u>
b) Minimum frame articulation 20 degrees left or right with automatic return to straight feature.	_____	_____
8. AXLES		
a) Front wheel lean angle 18 degrees left or right minimum.	_____	_____
b) Final drives shall be inboard mounted sealed in oil.	_____	_____
9. BRAKES		
a) Service shall be hydraulic, oil disk brakes.	_____	_____
b) Parking brake – mechanically engage a parking brake that also engages a transmission neutral lock to prevent machine movement. Engine start must not be possible unless lock is in neutral position.	_____	_____
10. WHEEL AND TIRES		
a) 17.5" x 25" Bridgestone VKT radial or very close equivalent.	_____	_____
11. CIRCLE		
a) Hydraulic 360 degree rotation.	_____	_____
b) Slip clutch at circle gear box to provide horizontal shock protection and/or hydraulic bypass valving to provide same protection.	_____	_____
c. Circle supports with replaceable wear inserts are required.	_____	_____
12. MOLDBOARD AND BLADE		
a) 14' x 24"x7/8" or 1" (LXHXT).	_____	_____
b) Cutting edges–8" x 5/8.	_____	_____
c) Hydraulic side shift.	_____	_____
d) Hydraulic blade pitch.	_____	_____
e) Blade lift accumulators.	_____	_____

	<u>YES/NO</u>	<u>SPECIFY MODIFICATION</u>
f) Float position on blade lift.	_____	_____
g) Five position saddle, minimum.	_____	_____
h) Overlay end bits are required.	_____	_____
i) Wear inserts on blade side shift.	_____	_____
13. CAB		
a) Cab must have ROPS and sound suppression.	_____	_____
b) Air conditioner with integral cab heater and pressurizer. Heat under operator seat. Minimum heat output 40,000 BTU's.	_____	_____
c) Inside wide angle view mirror and dual outside mirrors, one on each side.	_____	_____
d) Defroster fans front and rear.	_____	_____
e) Windshield wipers and washers front and rear.	_____	_____
f) Wipers and washers on lower front windows.	_____	_____
g) Tinted safety glass.	_____	_____
h) Deluxe suspension cloth covered seat with seat belt.	_____	_____
i) AM/FM radio installed.	_____	_____
j) Floor mat is required.	_____	_____
14. LIGHTING		
a) Two forward mounted headlights.	_____	_____
b) Two forward center mounted work lights.	_____	_____
c) One rear mounted work light.	_____	_____
d) Driving lights (stop, directional, flashers).	_____	_____
e) Cab mounted snow wing light.	_____	_____
15. HYDRAULICS		
a) Hydraulic pump shall be a variable displacement piston type or axial piston type.	_____	_____

	<u>YES/NO</u>	<u>SPECIFY MODIFICATION</u>
b) Closed center, constant pressure system.	_____	_____
c) Readily accessible hydraulic valves.	_____	_____
d) Operating pressure 2600 psi minimum.	_____	_____
e) Equipped and plumbed to proper locations to accommodate a snow wing.	_____	_____
f) Machine shall be equipped with ORS hydraulic fittings throughout.	_____	_____
16. FRONT LIFT GROUP		
a) Must have front lift group to accommodate a front scarifier and snow V plow.	_____	_____
17. MISCELLANEOUS EQUIPMENT		
a) 100 gallon minimum fuel tank.		
b) Rearview backup camera.	_____	_____
c) Horn.	_____	_____
d) Hour meter.	_____	_____
e) Vandal proof engine hood sides and locking caps, hydraulic tanks, radiator, fuel tank.	_____	_____
f) Backup alarm.	_____	_____
g) Articulation indicator.	_____	_____
h) Warning lights for abnormal functions of coolant, oil pressure, oil temperature of engine and transmission, and/or engine shut down in case of malfunction.	_____	_____
i) Two operators' manuals, two parts and two service manuals are required.	_____	_____
j) Engine block heater, 120 V, 1000 watt minimum.	_____	_____
k) Lockable tool box.	_____	_____

	<u>YES/NO</u>	<u>SPECIFY MODIFICATION</u>
Other brands must be approved. Please specify brand and model.	_____	_____
c) Must include any frame mounts that stay attached to grader when wing is not installed.	_____	_____
d) Short mast height must be around 6 foot.	_____	_____

OPTION 3:

V-PLOW

a) Must be 10' in width.	_____	_____
b) Must be set up to quick attach to front lift group.	_____	_____

19. When pricing these attachments, the amount priced must include the bidder's cost of installation. If any of this additional equipment is purchased, it will be at the time of, and be part of, the motor grader delivery.

20. All equipment that is standard for this model of motor grader that has not been specified is to be provided. The bidder is to include information and/or illustration sheets showing the standard equipment.

21. The motor grader is to be completely serviced and ready for use at time of delivery. Machine is to be delivered to the County shop in Colfax, Washington.

22. Bidder shall provide parts and service outlets within a 100 mile radius of Colfax, Washington. (No Exceptions)

23. Bidder will warrant motor grader and permanently installed equipment options to be free from latent and patent defect in material and workmanship, and guarantees that he will give continuous and efficient service for a period of five (5) years or 5000 hours. The bidder will supply 95% machine availability guarantee.

The bidder also agrees to furnish all necessary equipment and supplies so Whitman County may take oil samples during warranty period and send them in for testing at no cost to Whitman County. **The performance of this warranty includes all travel time and mileage (NO**

DEDUCTIBLES). All lube filters will be supplied according to maintenance manual through entire warranty period.

Basis of award shall be the lowest base bid less trade in without consideration of any options as determined by Whitman County to be in their best interests.

24. **TRADE IN:** Trade in of one 1999 John Deere 772CH motor grader without any snow equipment #5000 SN: DW772CH570437. The trade-in unit may be inspected by appointment at

Whitman County Shop, 801 W. Steptoe St., Oakesdale, Washington. For an appointment call Phil Meyer at (509) 397-4622.

BID PROPOSAL

The undersigned hereby certifies that he has read the attached specifications including warranty requirements for the bid for one new 2015, all-wheel drive articulated motor grader and equipment options and desires to submit for our consideration said equipment that conforms to the above specifications.

Signature

Title

BASE BID

BID FOR ONE NEW 2015, ALL WHEEL DRIVE ARTICULATED MOTOR GRADER & TRADE IN \$ _____

Less: Trade in of one 1999 John Deere 772 CH motor grader equipment #5000,SN DW772CH570437 (\$ _____)

BASIS OF AWARD

Washington State Sales Tax \$ _____

TOTAL BID PRICE \$ _____

Deduction for motor grader without all-wheel drive. \$ _____

OPTION 1: REAR MOUNTED RIPPER Including installation \$ _____

Washington State Sales Tax \$ _____

TOTAL BID FOR REAR MOUNTED RIPPER \$ _____

OPTION 2: ALL-HYDRAULIC SNOW WING Including installation \$ _____

Washington State Sales Tax \$ _____

TOTAL BID FOR ALL-HYDRAULIC SNOW WING \$ _____

OPTION 3: V-PLOW Including Installation \$ _____

Washington State Sales Tax \$ _____

TOTAL BID FOR V-PLOW \$ _____

TERMS AND CONDITIONS

1. Contract Period: This contract shall be for a period commencing on the dates of order entry and terminating one year from date of order.
2. Order Date: This order date shall be the date upon which the Public Works Director or his designee signs the form ordering the equipment.
3. Interpretation: Should discrepancies or omissions be found in the specifications, or any doubt as to its meaning, the bidder shall notify the Public Works Director in writing. The Public Works Director will send written instructions or addenda as required to all interested parties and they shall be incorporated into bid documents.

POLITICAL SUBDIVISIONS

Bidder agrees to sell graders with or without equipment options to other Political Subdivisions and Municipal corporations, at the bid price, for a period of twelve (12) months from the bid opening date. (Revised Code of Washington, Chapter 39.34, Interlocal Cooperation Act). All terms and conditions apply.

____ Yes, but subject to seller's review and approval at the time of requested sale.
____ No.

IN WITNESS WHEREOF the undersigned has caused this instrument to be executed (and its seal affixed, if corporation) by its duly authorized officers this ____day of _____, 2015.

**Bidder acknowledges that all addendums from website have been accessed: _____
Init.**

PLEASE REVIEW TO MAKE SURE YOU HAVE INITIALED ALL PAGES.

BIDDER TO FILL IN

Manufacturer: _____
Model Number: _____ Year: _____ Delivery Date: _____
Dealer: _____ Signed: _____
Address: _____ Title: _____

ACCEPTED this _____ day of _____ 2015.

BOARD OF COUNTY COMMISSIONERS
WHITMAN COUNTY, WASHINGTON

Chair

Commissioner

Commissioner

Maribeth Becker, CMC
Clerk of the Board