



**INVITATION TO BID
2017-0323-001 AWD MOTOR GRADER**

The Board of County Commissioners will receive sealed bids for Two, All Wheel Drive Motor Graders with Rear Ripper-Scarifier, until 9:00 a.m. MST, Thursday, March 23, 2017 at the office of the County Commissioners, 218 West Kiowa Ave, Fort Morgan, Colorado, at which time all bids will be publicly opened and read aloud. Location of bid opening will be at 231 Ensign, Fort Morgan, Colorado, assembly room, basement of the Administration Building.

The bid documents are on file in the office of Administrative Services Department at 218 West Kiowa Avenue, Fort Morgan, CO and also on the Morgan County Website at www.co.morgan.co.us

All bids shall be submitted in writing and signed by the bidder or an authorized agent, and must include the bidders address and phone number. All bids must be clearly marked “**2017-0323-001 AWD Motor Grader**” and submitted in a sealed envelope to:

Morgan County
Attn: Kristi Waite
Administrative Services Manager
218 W Kiowa Ave
Fort Morgan, CO 80701

The Board of County Commissioners reserves the right to reject any or all bids and waive any formalities.

Kristi Waite
Administrative Services Manager
Morgan County, Colorado

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Complete bid packet has 13 pages of documents

GENERAL INSTRUCTIONS TO BIDDERS

1. A "Bid" is a responsive, conforming, unconditional, complete, legible, and properly executed offer by a Bidder to provide the work specified in the Request for Bids for the compensation specified.
2. Bids shall be clearly marked with the work name, contact person, mailing address, and telephone number of the Bidder.
3. It shall be the responsibility of the Bidder to ensure that the Bid is in proper form and in the County's possession by or before the time and date designated in the Request for Bids. Bids will not be accepted after the designated time and date. Any Bid received late will be returned to the Bidder unopened, if possible.
4. All participating firms, by their signature hereunder, shall agree to comply with all conditions, requirements, and instructions of this bid as stated or implied herein. Should the County omit anything from this bid package which is necessary to a clear understanding of the items required, or should it appear that various instructions are in conflict, and then the companies shall secure instructions from Ms. Kristi Waite in the Morgan County Administrative Services Department.
5. Participating firms are expected to examine all documents contained herein. Failure to do so shall in no way relieve a participating firm from obligations with respect to his or her offer or to the resultant award. Non responsive and incomplete submittal may be deemed cause for rejection.
6. Any item which does not meet all of the terms, conditions, or specifications of this package must be clearly indicated on the exceptions to the bid section of this document or on a separate sheet of paper and returned with your bid.
7. Withdrawal of inadvertently erroneous bids before the award may be permitted if the Bidder submits proof which clearly and convincingly demonstrates, as determined by the County, that an error was made. **BIDS MAY NOT BE RE-SUBMITTED.**
8. The County shall not reimburse any Bidder for any cost incurred in preparing a Bid or attending equipment demonstrations, inspections, pre-bid conferences, or interviews.
9. Substitutions or modifications to any of the terms, conditions, or specifications of this bid which are made by Morgan County after the packages have been distributed to prospective firms, and prior to the due date and time, will be made in writing, and signed by the Administrative Services Manager. No employee of Morgan County is authorized to, in any way, modify any of the terms, conditions, or specifications of this package, without written approval of the Administrative Services Manager. This is not to imply that offers will not be accepted or considered on specifications which are different than those herein.
10. The County reserves the right to determine, in its sole reasonable discretion, whether any Bid meets the needs or purposes intended and is within the approved budget. The County does not base its award on prices alone. Also to be considered are: quality of product; past experience

with the Bidder or any subcontractors, consultants, products or suppliers; qualifications of the Bidder and/or subcontractors or suppliers; services offered; warranties; maintenance considerations; long-range costs; delivery; and similar conditions

11. The final award shall be made by the Board of County Commissioners in the best interests of Morgan County. Morgan County may grant a 5% preference to local businesses. A local business shall be a business which maintains a physical place of business in Morgan County.
12. The County reserves the right to conduct such investigations as it deems necessary to assist in the evaluation of any Bid to establish the experience, responsibility, reliability, references, reputation, qualifications, or financial ability of any Bidder, manufacturer or supplier. The purpose of such investigation is to satisfy the County that the Bidder has the experience, resources, and commercial reputation necessary to supply the specified product and to perform the necessary warranty and product support in accordance with the Bid Documents in the prescribed manner and time.
13. The County reserves the right, if it deems such action to be in its best interests, to reject any and all Bids or to waive any irregularities or informalities therein. Any incomplete, false, or misleading information provided by any Bidder shall be grounds for rejection of the Bid. If Bids are rejected, the County further reserves the right to investigate and accept the next best Bid in order of ranking, or to reject all Bids and re-solicit for additional Bids.
14. No Bid shall include federal excise taxes or state or local sales or use taxes.
15. All parts not specifically mentioned which are necessary in order to provide a complete unit, shall be included in the Bid. Any item listed as "Standard" in the manufacturer's published specification, furnished by the Bidder, is assumed to be included in the Bid. Any variations shall be outlined in writing, noting cost factors where applicable.
16. Each Bid shall include a statement of standard warranty of the manufacturer.
17. Any Bid received as a result of this request is prepared at the Bidder's expense and becomes County property and is therefore a public record upon opening by the County.
18. If you consider any of the information being submitted to be trade secrets, privileged information, or confidential commercial, financial, geological, or geophysical data, it is your responsibility to label the information as such. Otherwise, all information submitted shall be available as a public record for public inspection.
19. By submitting a bid, the offerer acknowledges that (a) the preparation of the bid, and other quotations herein contained, does not obligate the County in any way; (b) the County assumes no obligation to enter into an agreement for the Work; (c) all bid documents are understood; and (d) the offerer has the equipment, technical ability, personnel and facilities to complete the work as specified herein in accordance with the bid documents.
20. No Bid may be withdrawn for a period of sixty (60) days after the deadline for Bid.

BID REQUIREMENTS

1. The Board of County Commissioners will receive sealed bids for Two, All Wheel Drive Motor Graders with Rear Ripper-Scarifier, until 9:00 a.m. MST, Thursday, March 23, 2017 at the office of the County Commissioners, 218 West Kiowa Ave, Fort Morgan, Colorado, at which time all bids will be publicly opened and read aloud. Location of bid opening will be at 231 Ensign, Fort Morgan, Colorado, assembly room, basement of the Administration Building.
2. The equipment shall be brand new, of the latest design in current production, be equipped with all standard equipment and include all required equipment necessary to provide a complete functional unit whether specified or not. All equipment and options listed in the specification section of this document must be included in the bid.
3. Any variations to the specifications or options listed below must be noted on the Exceptions to Bid Section.
4. Vendor may supply a price sheet outlining additional options recommended for this equipment type. Additional options will not be considered as part of the bid award. Once an award has been made Morgan County may consider these additional options at the outlined price to add to the final build specifications.
5. Pricing for the machines shall include delivery to Morgan County Shop, 17303 County Road S, Fort Morgan, Colorado 80701
6. All bids must be submitted on the "Bidder Reply Form"
7. Bidder must include a complete list of specifications and options for the equipment they intend to provide. (As built list)
8. Bidder must include manufactures printed standard specifications for the equipment they intend to provide.
9. All responding companies shall make available to Morgan County a motor grader of the same model proposed with similar equipment for field testing purposes at the request of Morgan County. If field testing is required, Morgan County would request (3) full working days to evaluate the machine.
10. Vendor must complete and return Attachment A with vendor's proposal. Attachment A is vendor warranty, field services and machine preventative maintenance information.

11. Vendor must provide a Guaranteed 7 Year / 10500 Hour Buy Back. Buy back pricing shall be provided by year according to the following matrix.
 - 1 Year / 1500 Hour
 - 2 Year / 3000 Hour
 - 3 Year / 4500 Hour
 - 4 Year / 6000 Hour
 - 5 Year / 7500 Hour
 - 6 Year / 9000 Hour
 - 7 Year / 10500 Hour
12. Machine shall have a Five Year / 7500 Hour Total Machine Extended Warranty
13. An Operators Manual shall be supplied for each machine purchased
14. A Parts Book shall be supplied for each machine purchased.
15. A complete set of Service & Repair Technical Manuals for the complete machine shall be supplied for each machine purchased. Either a hard copy or an electronic format is acceptable.
16. Bid shall include Trade in Values for the following equipment:
 - 2008 Cat 140M Motor Grader with Rear Ripper/Scarifier, VIN#B9M00596, 11,912 Current Hours.
 - 2008 Cat 140M Motor Grader with Rear Ripper/Scarifier, VIN#B9M00597, 13,123 Current Hours.
17. All Bids submitted must include Two (2) copies of the submitted documents. Please return the two copies in one envelope/package, clearly marked "2017-0323-001 AWD Motor Grader"

SPECIFICATIONS AND OPTIONS

All specifications and options listed below are the minimum requirements needed to meet the needs of Morgan County Government

INTENDED MACHINE MODEL EXAMPLES;

Deere 772GP, Cat 140M3AWD

SIZE

Base operating weight shall be no less 38,000 pounds

ENGINE & RELATED

Engine shall develop a rated net power of at least 200 hp

Engine shall have a variable horsepower arrangement to increase net power (200 hp to 265 hp)

Engine shall be at least 9.0L with electronically controlled fuel injection

Engine shall be a turbo-charged, direct injection, four stroke, 6-cylinder diesel engine

Engine cooling fan shall be a hydraulic driven, automatic, variable speed to reduce engine demand

Dual element air cleaner with service indicator

Engine shall be equipped with an injector type air pre-cleaner

Heavy-duty cooling system

Automatic metered ether cold weather starting aid

110 volt engine coolant heater

Lockable engine compartment doors

ELECTRICAL & LIGHTING

24 volt electric start

Dual maintenance free, heavy duty batteries, minimum 1125 CCA capacity each

Machine shall have an 100 amp alternator

Electric master disconnect switch

24 to 12 volt convertor, 25 amp continuous minimum (radio communications)

Two (2) High beam headlights mounted at front of machine

Two (2) Low beam headlights mounted at front of machine

Two (2) LED front turn signal lights mounted at front of machine

Two (2) 3x3 inch halogen tow work lights mounted mid frame

Two (2) 3x3 inch halogen heel work lights mounted on lower cab

Two (2) 5x5 inch and two (2) 3x3 inch halogen work lights mounted top front of cab

Two (2) 3x3 inch halogen work lights mounted top rear of cab

Two (2) LED turn signal lights mounted at rear of machine

Two (2) LED stop lights mounted at rear of machine

Two (2) Reversing lamps mounted at rear of machine

Cab mounted amber strobe light

Reverse warning alarm

POWERTRAIN/TRANSMISSION

Machine shall have a direct drive, powershift transmission
Transmission shall have a load compensating system to ensure consistent shift quality in all applications
Machine shall have a minimum of (8) forward and (4) reverse speeds
Operator controlled differential Lock/Unlock
Machine shall be equipped with an inching pedal
Machine shall be equipped with over-speed protection
Machine shall not allow starting when the transmission is in gear
Transmission shall be guarded to protect it from impact damage
Electronic Throttle Control (cruise control)

BRAKES

Service brakes shall be multi-disc, oil-cooled and completely sealed
Service brakes shall be hydraulically actuated
Hydraulic brake accumulators
Engaged parking brake shall neutralize the transmission

HYDRAULIC SYSTEM

Hydraulics system shall be a closed center, load sensing type, with a variable displacement pump
Lock valves shall be integrated into the system to prevent cylinder drift
Blade lift cylinders shall have independent float capability
Valve & control group for front lift attachment (Snow Plow)
Hydraulics lines group for front attachment (Snow Plow)
Valve & control group for rear lift attachment (Ripper/scarifier)
Hydraulics lines group for rear attachment (Ripper/scarifier)

TIRES & WHEELS

Rims shall be interchangeable, 10 inch x 24 inch 3-piece design
Michelin X Snow Plus or equal design
Standard tire size shall be 14:00R24

STEERING AXLE

Front axle base lean shall be set to zero degree wheel lean and the toe adjustment corrected for this base lean setting
Hydraulic driven front wheels for 6 wheel drive and front wheel drive only applications
Machine shall be supplied with steerable front fenders

CIRCLE & MOLDBOARD

Circle shall have a circle drive slip clutch to reduce impact damage
Circle shall have replaceable wear items at all wear surface areas
Moldboard shall be minimum 14 ft x 24 in x 7/8 in
Moldboard cutting edge retention bolts shall be 5/8"
Moldboard rails shall be hardened and have replaceable wear inserts top and bottom
Blades-(2) 5/8" x 6" x 84" heat treated/punched for 5/8" plow bolts
Replaceable end bits on moldboard
Blade lift and center shift cylinders shall have replaceable wear inserts in the ball sockets

WORK TOOLS

Machine shall have a front mounted lift assembly for snow plow attachment (Balderson Style)

Machine shall have a rear ripper/scarifier

Machine shall have three (3) ripper teeth and shanks

Machine shall have nine (9) scarifier bits and shanks

MISCELLANEOUS EQUIPMENT

Machine shall have pressurized oil sample ports on engine, transmission/differential, hydraulics and coolant

Machine shall have a tool box

Machine shall have a slow moving emblem

Locks on all compartment doors and unsecured fluid compartments

OPERATORS STATION

Machine shall have a full enclosed operators cab with roll over protection

Cab shall be insulated for sound suppression

Cab shall have left and right side entrance doors and ladders

Cab shall be pressurized, fresh air filtered and include air conditioning, heater and defrosters

Four-speed fan for air conditioner, heater and defroster

Machine shall have rear window defroster

Windshield wipers with washer

Rear wipers with washer

Lower front windshield wipers with washer-right & left side

Joystick controls for steering, hydraulic functions, articulation and transmission

Auxiliary controls for attachment implements and/or work tools with float capability

Instrument cluster that includes a speedometer, tachometer, coolant temperature, fuel and articulation angle gauge.

Machine hour meter shall be provided.

Entertainment package, including AM/FM CD player with speakers

Premium deluxe cloth covered air suspension type seat with armrest and adjustments for height, weight, back, suspension dampening and seat belt

Heated exterior mounted rear view mirrors, left & right side

Interior mounted rear view mirror

12 volt power supply mounted in cab

Cab interior light

MACHINE MONITORING

Machine shall have a condition and location monitoring system able to report by both satellite and cellular systems.

Condition monitoring shall include the basic software plan for viewing the information free for the first three years.



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Bidder Reply Form**

Name and Address of Bidder:

Name of Company _____

Address of Company _____

Representative _____ Title _____

Signature _____

Phone Number _____ Fax Number _____

Email: _____

Bid

Equipment Make _____

Equipment Model _____

Total Bid Price per Machine _____

Bid for Trade-In Machine VIN#B9M00596 _____

Bid for Trade-In Machine VIN#B9M00597 _____

Estimated Delivery Time Frame _____



**INVITATION TO BID
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Bidder Reply Form
Page 2**

Guaranteed Buy Back Price

1 Year / 1500 Hour	_____
2 Year / 3000 Hour	_____
3 Year / 4500 Hour	_____
4 Year / 6000 Hour	_____
5 Year / 7500 Hour	_____
6 Year / 9000 Hour	_____
7 Year / 10500 Hour	_____

Signature _____ Date: _____

Additional Warranty

Does your Company offer additional total machine warranty coverage for up to 7 years/10,000 Hours? **Y / N**

If so please provide coverage information and pricing to be added to bid price per machine if Morgan County chooses extended warranty coverage of 7 year 10,000 hour.

Price to add additional coverage per machine \$ _____

Exceptions to Bid

If additional space is needed attach additional sheet.

Attachment A

Maintenance Parts, Oils & Supplies

	Part Number	Qty	Price Each	Total Cost
Engine Oil Filter(s)				
Primary Oil Filter(s)	_____	_____	_____	_____
Secondary Oil Filter(s)	_____	_____	_____	_____
Other Oil Filter(s)	_____	_____	_____	_____
Engine Air Filter(s)				
Outer Air Filter	_____	_____	_____	_____
Inner Air Filter	_____	_____	_____	_____
Fuel Filter(s)				
Primary Fuel Filter(s)	_____	_____	_____	_____
Secondary Fuel Filter(s)	_____	_____	_____	_____
Fuel / Water Separator	_____	_____	_____	_____
Strainer Fuel Filter(s)	_____	_____	_____	_____
Other Fuel Filter(s)	_____	_____	_____	_____
Transmission Oil Filter(s)				
Primary Oil Filter(s)	_____	_____	_____	_____
Secondary Oil Filter(s)	_____	_____	_____	_____
Other Oil Filter(s)	_____	_____	_____	_____
Hydraulic Oil Filter(s)				
Primary Oil Filter(s)	_____	_____	_____	_____
Secondary Oil Filter(s)	_____	_____	_____	_____
Other Oil Filter(s)	_____	_____	_____	_____
Fluid Sample Kits				
Engine Oil Kit	_____	_____	_____	_____
Transmission Oil Kit	_____	_____	_____	_____
Differential Oil Kit	_____	_____	_____	_____
Hydraulic Oil Kit	_____	_____	_____	_____
Tandem Oil Kit(s)	_____	_____	_____	_____
Circle Drive Oil Kit	_____	_____	_____	_____
Coolant Kit	_____	_____	_____	_____
Lubricants & Coolant				
<i>(List Quantities in Gallons, i.e. 7.2)</i>				
Engine Oil	_____	_____	_____	_____
Transmission Oil	_____	_____	_____	_____
Differential Oil	_____	_____	_____	_____
Tandem Drive Oil	_____	_____	_____	_____
Hydraulic Oil	_____	_____	_____	_____
Circle Drive Oil	_____	_____	_____	_____
Coolant	_____	_____	_____	_____

Oil Additives

(List Only Those Required)

Transmission Additive	_____	_____	_____	_____
Differential Additive	_____	_____	_____	_____
Tandem Drive Additive	_____	_____	_____	_____
Circle Drive Oil Additive	_____	_____	_____	_____

Vendor Field Service & Warranty Rates

Length of Initial Period of No Charge Warranty Service _____ **months**

Field Service & Warranty Base Rate Charges (if any) _____

Labor Travel Time Charges (if any) _____

Per Mile Travel Charges _____

Estimate Billing Travel Miles to Morgan County _____

Warranty Deductible (if any) _____