INVITATION TO BID
2020-0507-001 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, May 7, 2020 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. Vendors and or Public will be able to view bid opening via Zoom Meeting. Details will be posted on the county website: https://morgan county.colorado.gov/bids-and-proposals.

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.

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 “2020-0507-001 AWD Motor Grader” and submitted in a sealed envelope to:

Morgan County
Attn: Karla Powell
Administrative Services Manager
218 W Kiowa Ave, P.O. Box 596
Fort Morgan, CO 80701

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

__________________________________________
Karla Powell
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. Karla Powell 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 per-
fom 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, May 7, 2020 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. Vendors and or Public will be able to view bid opening via Zoom Meeting. Details will be posted on the county website: https://morgan county.colorado.gov/bids-and-proposals.

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:
   
   2013 Cat 140M2 Motor Grader with Rear Ripper/Scarifier, VIN#M9D01562, 10,225 Current Hours.
   2014 Cat 140M2 Motor Grader with Rear Ripper/Scarifier, VIN#R9M00528, 9,296 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 “2020-0507-001 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 150 AWD

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, reversing, 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 a 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, 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
In cab monitor with backup/reverse camera.
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.
INVITATION TO BID
2020-0507-001 AWD MOTOR GRADER
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#M9D01562
Bid for Trade-In Machine VIN#R9M00528
Estimated Delivery Time Frame
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.
## Maintenance Parts, Oils & Supplies

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<th>Price Each</th>
<th>Total Cost</th>
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<td>Coolant</td>
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### Oil Additives
*(List Only Those Required)*

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<td>Circle Drive Oil Additive</td>
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### 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)**: __________