

## **HITCHCOCK COUNTY MOTOR GRADER BID SPECIFICATIONS DISTRICT #2**

The Hitchcock County Board of Commissioners will accept sealed bids for a new 2020 or newer production model, all wheel drive motor grader, until Monday, October 19<sup>th</sup>, 2020 at 11:00 a.m. C.T. Said bid will be publicly opened, read and compared in the Commissioner's Room, Hitchcock County Courthouse, 229 East D Street, Trenton, Nebraska at 11:15 a.m. C.T. on Monday, October 19<sup>th</sup>, 2020. All bids shall be sent or delivered to the Hitchcock County Clerk, 229 East D Street, P.O. Box 248, Trenton, Nebraska 69044-0248 and be clearly marked MOTOR GRADER BIDS. Late, faxed, or emailed bids will not be accepted.

Hitchcock County will offer in trade, one (1) 2004 Caterpillar 140H motor grader, S/N CAT140HAPM01717. Trade shall be incorporated within the bid proposal. Trade equipment may be inspected at the District #2 County Shop, 201 East G Street, Trenton, Nebraska. Contact Hitchcock County Commissioner Ron Wertz at 308/340-1078.

New motor grader shall be delivered F.O.B. to the District #2 County Shop, 201 East G Street, Trenton, Nebraska. Forty-eight hours is required before delivery to facilitate readiness of trade in. Approximate delivery date shall be listed on bid form.  
**HITCHCOCK COUNTY RESERVES THE RIGHT TO ACCEPT, REFUSE OR REJECT ANY OR ALL BIDS.**

Specifications for an articulated motor grader, ready to operate with all standard equipment and the following options:

- Articulating frame with articulation behind the cab.
- Moldboard 14' x 27" x 1", hydraulic side shift and blade tip.
- Operating weight of 37,000 lbs. without snowplow and lift group.
- Engine shall be produced by the same manufacturer as motor grader manufacturer and shall be variable horse-power of 231 hp in high gears. Engine to be equipped with ether start aid and engine coolant heater.
- Shall be equipped with 24-volt starting system, extreme duty 1,400 CCA batteries and 100 amp heavy duty alternator.
- Direct drive power-shift transmission with auto-shift and 8 forward speeds.
- Closed center pressure compensated load sensing, with variable-displacement piston hydraulic pump. Lock valve on each hydraulic circuit and blade float valves. Electro-hydraulic controls.
- Oil cooled, adjustment free, multi-disc brake system designed to stop all four wheels. Park brake to be (maintenance free) spring applied and hydraulic release.
- 14.00 x 24 radial tires on three (3) piece rims.
- Deluxe cloth air suspension seat, adjustable console, foot operated accelerator-decelerator and electronic throttle control.
- Low profile, sound suppressed cab, lights, heater, air conditioner, three front intermittent wiper-washers, one (1) rear wiper-washer, electric rear window defogger, hour meter, speedometer-tachometer, tinted safety class windows,

center mounted inside mirror, right and left heated outside mirrors, defroster fans (if needed), AM-FM-WB radio, min 25 amp converter with 12 volt accessory plug in.

- Lights to include: headlights, four (4) front and rear work lights, four (4) elevated front mounted bar lights for snow plowing, two (2) blade lights, directional signals, tail lights and stop lights. Strobe or beacon light mounted on cab.
- Dry type engine air cleaner with primary and secondary air filter. Automatic dust ejector pre-cleaner.
- Rear hitch and pin. Rear transmission guard if needed.
- Hydraulic controls for snowplow with float and lines to front and rear ripper valve with lines to the rear. New Balderson style front parallel lift group.
- Unit to meet all OSHA and EPA requirements.
- Parts book and operators manual shall be furnished.
- Any exceptions to these specifications must be stated in the exceptions section of the bid form.
- **WARRANTY – 5 Year, 5,000 hour full machine, no service calls, no deductible**

**HITCHCOCK COUNTY MOTOR GRADER BID FORM**

**DISTRICT #2**

**Bid must be submitted on this form only.**

**6-Wheel Drive (AWD) Machine**

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

Outright Bid Price.....\$ \_\_\_\_\_

Trade allowance  
2004 Caterpillar 140H motor grader, S/N CAT140HAPM01717      \$ \_\_\_\_\_

Trade difference F.O.B. Trenton, Nebraska .....\$ \_\_\_\_\_

Approximately date of delivery \_\_\_\_\_, 20\_\_.

Exceptions to specifications:  
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