

**MANISTEE COUNTY ROAD COMMISSION
2018 4X4 TRACTOR MOWER WITH ATTACHMENTS
SPECIFICATIONS AND BID REQUIREMENTS
May 15, 2018**

GENERAL

1. The following minimum specifications are for a 4x4 tractor mower with side and rear rotary mower decks and side fold boom with rotary cutting head attachments.
2. The tractor mower and attachments shall be the manufacturer's current model under standard production and shall be supplied with all necessary operating accessories customarily furnished whether specified herein or not.
3. Bidder shall note any exceptions (deviations) to the specifications.
4. Bids shall remain firm for 60 calendar days.

TRACTOR MOWER SECTION

MANUFACTURER

State manufacturer

MODEL

State model

ENGINE

1. Frame Mounted 4 cylinder engine with 120 to 130 rated horsepower (HP). State make & model and HP.
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Yes_____No_____Deviations_____

2. Locking Fuel tank. State capacity. Locking DEF Tank. State Capacity
_____Gallons

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TRANSMISSION

1. State make & model & speeds.

2. Four (4) clutch free shifts in each range (25 mph)

Yes_____No_____Deviations_____

3. Reverser. Left hand based.

Yes_____No_____Deviations_____

4. "On the go" shifting with forward/reverse constantly without clutching (shuttle shift)

Yes_____No_____Deviations_____

5. Clutch, wet

Yes_____No_____Deviations_____

6. Creeper

Yes_____No_____Deviations_____

POWER TAKE-OFF (P.T.O.)

1. Independent 1-3/8", 540/1000 reversible shaft with electrohydraulic actuation.

Yes_____No_____Deviations_____

HYDRAULICS

1. Two (2) hydraulic remotes on rear (for implements)

Yes_____No_____Deviations_____

2. 3-Point Hitch (Rear) with electrohydraulic sensing, 5,500 lbs minimum lift capacity

State capacity_____

Yes_____No_____Deviations_____

3. Standard draw Bar

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CONTROLS

1. Lever – Right hand side of cab
2. Remote control valve mounted behind cab up high above 3 point & remotes
3. Optional Joystick

Yes _____ No _____ Deviations _____

CAB

1. Cab to be an all steel construction rollover protective structure
2. Cab sound-proofing package
3. R.S. polycarbonate windows and all required safety equipment (for side fold boom with rotary cutting head)
4. Tinted glass
5. Swivel Air-Ride type driver seat with arm rest
6. Factory cup holder
7. Deluxe fresh air type heat, defrost, and air-conditioning
8. Windshield wipers and washers, front and rear, intermittent
9. Mirrors (two outside, one inside)
10. AM-FM Radio with Bluetooth capabilities for hands free communications
11. All standard gauges and lights, hour meter on engine, in-cab tachometer, and oil pressure gauge
12. Steering wheel, tilt and telescoping
13. Door locks separate from ignition key

Yes _____ No _____ Deviations _____

TIRES

1. Front tires 380/85R28 133A8 R1W Radial in.

Yes _____ No _____ Deviations _____

2. Rear tires 460/85R28 149A8 R1W Radial in.

Yes _____ No _____ Deviations _____

DIFFERENTIALS

1. Locking with warning lights

Yes _____ No _____ Deviations _____

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BATTERY & CHARGING

1. 12 volt heavy duty battery 100 amp alternator

Yes_____No_____Deviations_____

LIGHTS

1. Standard front halogen headlights with integral reflectors and marker lights.
2. Cab marker lights.
3. Stop and tail lights with turn signals and reflectors, four-way flashers, and back up lights.
4. One (1) Amber strobe light with mounting bracket mounted on the top of the left side of the cab
5. Two (2) forward and two (2) rear work lights
6. Slow Moving Vehicle sign

Yes_____No_____Deviations_____

TRACTOR WARRANTY

1. Provide standard warranty and detailed information (parts, labor, etc.)

2. Provide extended warranties that are available, with detailed information (parts, labor, etc.) and pricing.

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SIDE & REAR ROTARY MOWER DECK SECTION

To be delivered as a complete operating unit with a self-contained hydraulic system with dual pumps and operated off the engine crankshaft, pilot operated brake valve, and relief protection.

MANUFACTURER

State manufacturer

MODEL

State model

HYDRAULIC ROTARY REAR MOWER – 3 POINT MOUNTING

1. 60” dimension with replaceable skid shoes and safety chains or guards.

Yes _____ No _____ Deviations _____

HYDRAULIC ROTARY SIDE MOWER

1. 60” dimension with replaceable skid shoes and safety chains or guards.

Yes _____ No _____ Deviations _____

SIDE/REAR ROTARY MOWER DECK WARRANTY

1. Provide standard warranty and detailed information (parts, labor, etc.)

2. Provide extended warranties that are available, with detailed information (parts, labor, etc.) and pricing.

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SIDE FOLDING BOOM WITH ROTARY CUTTING HEAD SECTION

To be delivered as a complete operating unit with a self-contained hydraulic system with dual pumps and operated off the engine crankshaft and to include all counterweights and polycarbonate windows

MANUFACTURER

State manufacturer

MODEL

State model

SIDE FOLDING BOOM ARM – WITH SAME MOUNTING AS HYDRAULIC ROTARY SIDE MOWER

1. 21' to 22' reach length. State reach length_____.

Yes_____No_____Deviations_____

2. Transport lock mechanism. State type:_____

ROTARY BRUSH CUTTING HEAD

1. 50" dimension with replaceable skid shoes and safety chains or guards

Yes_____No_____Deviations_____

2. 5" diameter minimum brush and tree cutting capacity.

State cutting capacity _____.

Yes_____No_____Deviations_____

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SIDE FOLD BOOM WITH ROTARY CUTTING HEAD WARRANTY

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2. Provide extended warranties that are available, with detailed information (parts, labor, etc.) and pricing.

DELIVERY

1. The bids shall specify the delivery date as the number of calendar days from the date of award of the bids by the Manistee County Road Commission (MCRC) to delivery of the tractor mower and attachments to the MCRC yard in Bear Lake, Michigan.

The undersigned agrees that, if awarded this bid, he/she will deliver the proposed item(s) to the MCRC within _____ calendar days from the date of award of the bid(s).

COMPANY NAME: _____

COMPANY ADDRESS: _____

PHONE: _____ FAX: _____

EMAIL: _____

BIDDERS NAME AND TITLE: _____

BIDDERS SIGNATURE: _____

DATE: _____

The Board reserves the right to accept or reject any or all bids and to accept the bids it feels is in the best interest of the Manistee County Road Commission.