

MANISTEE COUNTY ROAD COMMISSION
WHEELED EXCAVATOR SPECIFICATIONS AND BID REQUIREMENTS
July 24, 2019

GENERAL

1. The following minimum specifications are for a 2019 Wheeled Excavator with a Helac Power Tilt QC80H coupler and 72" Ditching Bucket with a bolt on cutting edge which will also have a Rockland Hydraulic thumb which is compatible with bucket and coupler that is listed above, and can be used simultaneously. The machine shall have two sets of out riggers controlled from inside the cab. The boom shall be a 2 piece boom or Cat Variable Adjustable (VA) boom comparable. 9' 2" stick 9200 lbs. min counter weight.
2. The equipment shall be 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 or deviations to the specifications.
4. Bids shall remain firm for 60 calendar days.
5. Quotations / Bids can be regular Quotations bids and Government pricing quotations such as State of Michigan MiDeal Extended Purchasing Program, Sourcewell Cooperative Purchasing Programs (Formerly NJPA) or other Government Pricing Programs

SAE OPERATING WEIGHT

1. 40,000 LBS minimum
2. State Operating Weight _____

Yes_____No_____Deviations_____

ENGINE

1. 6 Cylinder Engine 7.0 L. Min.
2. State Peak Horse Power & Peak Torque at what RPM
3. Engine Block Heater
4. Current EPA Emissions

Yes_____No_____Deviations_____

ELECTRICAL

1. 24 Volt Starting and Charging System
2. Cold Weather Starting Aid, 120V
3. Minimum 115 Amp AH
4. 24v/12v Power Converter (10amp)
5. Two (2) Maintenance Free Batteries - 900 CCA
6. Backup Alarm
7. Master Power Disconnect Switch

Yes_____No_____Deviations_____

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TRANSMISSION

1. 2 speed transmission with creeper speed, mounted to rear axle.
2. Minimum Road Speed of 21 MPH
3. State Transmission _____

Yes _____ No _____ Deviations _____

UNDERCARRIAGE AND OUTRIGGERS

1. Front axle oscillating not less of 8.5 degrees and 34° steering angle
2. Front and Rear heavy duty axles
3. 2 sets of out riggers – controlled from inside of the cab

Yes _____ No _____ Deviations _____

STEERING

1. Tilt Steering Wheel and Joy Stick Steering

Yes _____ No _____ Deviations _____

RIDE CONTROL

1. Ride Control System with “On” and “Off” Switch.

Yes _____ No _____ Deviations _____

BRAKES

1. Hydraulically Actuated Wet Disc System
2. Self-Adjusting
3. Must Conform to ISO 3450

Yes _____ No _____ Deviations _____

HYDRAULIC SYSTEM

1. Piston Type Pumps – Hydraulic Quick coupler – remote hydraulics for thumb and Implements.
2. Joystick controls - with two sliders.
3. Designated swing pump.

Yes _____ No _____ Deviations _____

BOOM, BUCKET and ATTACHMENTS

1. The boom shall will be a two piece boom or Cat Variable Adjustable (VA) boom or comparable.
2. “Quick Tach 72” heavy duty ditching Bucket
3. State Capacity of Bucket (Leveled) _____
4. Helac Power Tilt QC80H coupler for bucket and other attachments
5. Rockland Stick mounted Hydraulic Thumb which is compatible with Bucket and can be used simultaneously with Power Tilt

Yes _____ No _____ Deviations _____

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CAB

1. Front wipers, 2 Speeds With Intermittent Control
2. Upgraded AM-FM Radio with Bluetooth capabilities for hands free communications
3. CB Radio Ready
4. Tinted Glass
5. Rear Sun Visor
6. Heated Air Suspension Seat
7. Seat Belt, 3" Wide with Indicator
8. Sound Suppressed Interior
9. Air Conditioning and Heat
10. Remote Door Opening System
11. 70/30 with openable front Windshield Cab and Wiper
12. Rearview and Side view camera (Heated)
13. Automatic swing lock
14. Automatic brake and axle lock
15. Rollover Protective Structure (Rops)
16. Disable levers in cab
17. Cruise control

Yes_____No_____Deviations_____

MIRRORS

1. External Mirrors Left and Right, Heated, Electric
2. Internal Rearview Mirror

Yes_____No_____Deviations_____

LIGHTS

1. Four Cab Mounted LED Work Lights (2 Front, 2 Rear)
2. 4-Way Flashers
3. Two LED Stop, Turn, Tail Lights
4. Two Halogen Rooding Lights with Signals
5. One (1) 360° viewable Green strobe light with mounting bracket mounted on the top of the left side of the cab with a switch on the interior of the cab

Yes_____No_____Deviations_____

FUEL TANK

1. State fuel tank capacity information _____
2. State Def tank capacity information _____

Yes_____No_____Deviations_____

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ACCESS STEPS

1. Left Side

Yes_____No_____Deviations_____

TIRES

1. 11.00 x 20 Duals Pneumatic
2. State Type _____

Yes_____No_____Deviations_____

MANUALS

1. Operators Manual
2. Parts and Service Manuals
3. Technical Manuals and CD'S

Yes_____No_____Deviations_____

START UP

1. Provide 2 Hour Minimum Operational and Maintenance Training at the MCRC
2. Provide first scheduled maintenance at the MCRC for all fluids and filters.

Yes_____No_____Deviations_____

MAINTENANCE

Provide the following maintenance schedules:

1. Oil life and filter use
2. Particulate filter hours
3. Engine valve adjustments hours
4. Hydraulics and oil filters hours
5. Transmission oil filters hours
6. Final drives – oil hours

Yes_____No_____Deviations_____

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WARRANTY

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

2. Provide extended warranties that are available, with detailed information (powertrain, hydraulics, parts, labor, etc.) and pricing for Premier 60 month 2500 hours and Premier 60 month 5000 hours.

3. Specify when travel expenses are incurred during warranty period.

4. What is the 5 Year 5,000 Hr. Buy Back?

OPTIONS: Please submit pricing for all options separately.

1. Greaseless Pins or Auto Lube Package

DELIVERY

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 Wheeled Excavator 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.