

## **SPECIFICATIONS FOR A 100" CUT REEL MOWER WITH 1850 HOURS OF USE OF LESS**

**1 BIDS ARE DUE ON MONDAY, JANUARY 6 AT 10:00AM. THEY MUST BE SEALED WITH BID COMPANY NAME, ADDRESS, AND PHONE NUMBER ON THE OUTSIDE. IF MAILED OR DELIVERED THEY MUST BE RECEIVED BEFORE THE BID DEADLINE. THEY CAN BE MAILED OR DELIVERED TO BRIDGET ANDERSON, FINANCE DIRECTOR CITY OF MANCHESTER, 200 WEST FORT STREET MANCHESTER TENNESSEE. ALL QUESTIONS REGARDING THE BID MAY BE ADDRESSED TO BONNIE GAMBLE, DIRECTOR PARKS AND RECREATION, [BGAMBLE@CITYOFMANCHESTERTN.COM](mailto:BGAMBLE@CITYOFMANCHESTERTN.COM) OR 931-728-0273**

2. Owner reserves right to accept or reject any or all Bids., reject a Bid not accompanied by a required Bid Security or by other data required by Bidding Documents, reject a Bid which is in any way incomplete, illegible, unsigned, improperly signed or sealed, obscure, or reject a Bid which contains arithmetical errors, erasures, alterations, or irregularities of any kind.

Bids received after scheduled opening time will be returned to Bidder unopened.

3. Bidders provide documentation demonstrating they have been in the business for at least 5 years.

### **BID**

#### GENERAL

- 1 . 4 CYLINDER LIQUID COOLED DIESEL ENGINE
- 2 . PRESSURIZED LUBRICATION SYSTEM WITH 5 QUART CAPACITY
- 3 . REPLACEABLE SPIN ON FILER/WATER SEPARATOR
- 4 . HEAVY DUTY THREE STAGE, RADIAL SEAL AIR CLEANER
- 5 . FUEL TANK CAPACITY 14 GALLON
- 6 . 9 GALLON HYDRRAULIC OIL CAPACITY
- 7 . FRONT DRIVE WHEELS POWERED BY A HYDROSTATIC PUMP WITH INDIVIDUAL WHEEL MOTORS. ALL WHEEL DRIVE SYSTEM WHICH TRANSFERS POWER FROM FRONT WHEELS TO THE OPPOSITE REAR WHEELSVIA INDEPENDENT REAR WHEEL MOTORS
- 8 . GROUND SPEED IS 8-10 MPH
- 9 . TIRES ARE FRONT TRACTION SIZE 26.5X14-12 TURF TIRES. REAR STEER TIRES 20X 12-10
- 10 . MAIN FRAME IS HIGH STRENGTH STEEL WITH WELDED CONSTRUCTION
- 11 . BRAKES HAVE LEFT AND RIGHT DRUM TYPE FRONT WHEEL BRAKES. BRAKES MAY BE ACTUATED FOR SERVICE BRAKING VIA LEFT FRONT PEDAL. INTEGRATED FOOT PEDAL LOCK PROVIDES PARKING BRAKE. DYNAMIC BRAKING THOROUGH HYDROSTATIC TRACTION DRIVE SYSTEM.
- 12 . STEERING IS REAR WHEEL POWER STEERING WITH AN INDEPENDENT HYDRAULIC PUMP AND CIRCUIT.
- 13 . GAUGES ARE LED DISPLAY.
- 14 . CONTROLS: SINGLE FOOT OPREATED TRACTION PEDAL, FOOT ACTUATED MOW SPEED LIMITER, FOOT ACTUATED SERVICE AND PARKING BRAKE. HAND OPERATED KEY IGNITION SWITCH, THROTTLE, ISOCHRONOUS ENGINE SPEED CONTROL, CUTTING UNIT RAISED JOYSTICK, CUTTING UNIT ENGAGE SWITCH, AND HEADLIGHT SWITCH ALL POSITIONE ON RIGH HAND PIVOTING CONTROL CONSOLE.

## 15 . ELECTRICAL: HEAVY DUTY 12 VOLT

### LAYOUT

The project will be composed of three areas.

1. Dog Pad Area is 15 ft x 15ft with 3 walk gates
2. Small Dog area with a 10ft double drive gate
3. Large Dog area with a 10ft double drive gate