

DEKALB COUNTY HIGHWAY DEPARTMENT

6-Ton Class Compact Excavator

Sealed proposals for the purchase of one (1) new 6-Ton Class Compact Excavator will be received by Highway Committee of the DeKalb County Board until 9:00 AM, Wednesday, May 31st, 2023 at the office of the County Engineer, 1826 Barber Greene Rd., DeKalb, Illinois, 60115 and at that time publicly opened and read.

The dealer may submit a bid for one or more models that are equal to or exceed the following specifications. The Compact Excavator to be furnished shall be new, current year manufacture, a used or demonstrator model will not be considered. A copy of the specifications or literature for each model should be included with each bid. Only bids from authorized dealers will be considered. Each bidder should state warranty coverage and estimated time of model availability. The dealer shall submit a total bid for furnishing an excavator per specifications.

The Board reserves the right to reject any and all bids and to waive any technicalities.

The bids shall not include taxes for which we are exempt.

Total bid for one (1) new 6-Ton Class Compact Excavator _____

Proposal submitted by:

Name _____

Address _____

Signature _____

Specifications for 6-Ton Class Compact Excavator

****** Engine Specifications******

- Turbocharged Tier 4 Diesel
- 53 hp minimum
- 2,200 Max Governed RPM

******Performance Specifications******

- Operating Weight not to exceed 12,750 lbs.
- Weight Class shall be 6 ton
- Arm Digging Force minimum of 7,100 lbs.
- Bucket Digging Force minimum of 10,000 lbs.
- Rated Lift Capacity minimum of 6,300 lbs.
- Lift Radius shall be approximately 118 inches
- Left Boom Swing of approximately 75 Degrees
- Right Boom swing of approximately 50 Degrees
- Maximum Dig Depth shall be approximately 14.8 ft (177.6 inches)
- Maximum Dump Height shall be approximately 15.2 ft (182.4 inches)
- Maximum Reach at ground level shall be approximately 22.1 ft (265.2 inches)

******Hydraulic System******

- Auxiliary Standard flow must be 20 gal/min or greater
- Auxiliary Pressure to be a minimum of 3,000 psi
- Secondary Auxiliary Hydraulics shall be included

******Capacities******

- Fuel Tank capacity shall be a minimum of 18 gallons

******Overall Dimensions******

- Overall Length not to exceed 220 inches
- Overall Length in travel position not to exceed 220 inches
- Overall width measured at widest point on tracks not to exceed 78 inches
- Overall height including operator cab not to exceed 102 inches

******Compact Excavator must include the following******

- Cab enclosure with Heat/Air combination system
- AM/FM Radio
- Joystick operator controls (ISO/SAE switch preferred)
- Extendable Arm Boom
- Engine Shutdown
- Auxiliary Hydraulics
- Secondary Auxiliary Hydraulics
- Quick Attach System for all attachments
- Excavator shall be on rubber tracks
- Machine shall include a dozer blade
- 18" Trenching Bucket w/ teeth (Duck Bill Style or equivalent)
- 36" Smooth Grading Bucket w/ bolt on cutting edge
- Hydraulic Clamp/ Thumb attachment

*****Please list the following as OPTIONAL Add-ons to Bid (Include Price)*****

All optional Add-ons MUST BE compatible with the machine that is bid

- Plate Compactor \$ _____
- 40 inch Flail Mower \$ _____
- 3-Tined Grapple \$ _____
- Angle Dozer Blade \$ _____

To all bidders:

Fill in the following information and submit with your bid:

Make _____

Model _____

Engine Model _____

Engine Horsepower _____

****Also to be included with submitted bid is any and all warranty information****

****Anticipated Date of Delivery **** _____

Please list any exceptions to the bid below: