

**OCONTO COUNTY HIGHWAY DEPARTMENT
OCONTO, WI 54153**

**FOR BID AND MINIMUM SPECIFICATIONS FOR ONE (1) NEW RUBBER TIRE,
FOUR-WHEEL DRIVE WITH NO SPIN AXLES - EXCAVATOR**

Only bids on bid forms furnished by Oconto County Highway Department will be accepted for award purposes. All bids must be sealed and shall be so indicated on the face of the envelope. Bids will be accepted at the Highway Office, Oconto, WI until 11:30 a.m. on Wednesday, January 21st, 2015. Bid opening will be in the Highway Office Conference Room, at 11:30 a.m. on January 21st, 2015. The office is located on 202 VanDyke Street in Oconto, WI. Telephone (920) 834-6886.

These specifications are a part of the bid and must remain attached to the bid. Manufacturer's full and detailed cuts and specifications for the equipment proposed must be attached. All supplies or equipment sold to Oconto County shall be sold at the risk of the contractor or seller until accepted by Oconto County. Terms of agreement: No payment will be made until after inspection and acceptance by Oconto County or its agent.

Oconto County reserves and has the right to reject any or all bids submitted or to accept any part or combination thereof, to waive any technicalities, and to accept bid deemed most advantageous to Oconto County.

Bids shall be submitted for a current production model rubber tire four wheel drive with no spin axles-excavator. *Bids shall include manufacturers and dealers full specification sheets*, and any other literature which will aid or benefit the Highway Committee in determining the construction, performance or comparative value of the excavator being bid.

All transportation expenses for delivery, and warranty, etc. are the responsibility of the bidder. Prices quoted shall be F.O.B. to Oconto, and shall exclude Federal and State tax. A tax exemption certificate shall be provided if requested.

It is specifically understood to be a condition of the acceptance of a bid and the placing of an order that the delivery date specified in such bid is a prime importance, and will be considered in the acceptance of the particular bid.

All supplies or equipment sold to the Oconto County Highway Department shall be sold at the risk of the contractor or seller until accepted by the Oconto County Highway Department. No payment will be made until after inspection and acceptance by the Oconto County Highway Committee or their agent.

An authorized representative of Oconto County will publicly open all bids by order of the Oconto County Highway Committee.

Patrick J. Scanlan,
Highway Commissioner

SPECS FOR RUBBER TIRED EXCAVATOR

MINIMUM SPECIFICATIONS:

MODEL: Unit described below shall be a new, current year manufacture, Wheeled Excavator that is manufacturersølatest design and production, complete, serviced, ready for work, and includes all standard equipment.

SIZE: Equipped per following specs, unit shall have a minimum digging depth of at least 20 feet.

OPERATING WEIGHT: Minimum operating weight of 40,000 pounds exclusive of tire ballast and equipped per the following specs.

ENGINE: Minimum engine size shall be at least six cyl. Turbocharged diesel. Minimum horsepower shall be SAE 150 net H.P. If different state H.P. An automatic engine speed control shall be provided that reduces engine speed to a minimum during periods of inactivity to reduce noise and fuel consumption. (To include: engine block heater and engine to be Tier 4 compliant).

TRANSMISSION: Transmission shall be hydrostatic drive or 2-speed power shift. Top Road speed of 20 MPH. A creeper gear is required for running attachments.

STEERING: Full power steering. Steering system to provide normal steering in both transport and work positions. Optional joystick steering to be operated while working.

FRONT AXLE: Oscillating front axle shall be equipped with positive locking cylinders.

BRAKES: Service brakes shall be effective on all four wheels and actuated by a foot pedal. The service brake air system shall have a low brake pressure audible warning alarm. The parking secondary brake system shall be independent of service brakes and be of sufficient design to hold weight of machine on slopes. The parking secondary brake system shall be equipped with a warning light or buzzer.

UNDERCARRIAGE: Unit shall have a two-axle wheel type undercarriage. The wheelbase shall have a minimum of 8' 4" for optimum stability on and off road.

PAGE 2

TIRES: Tires shall be 18-R19.5 x F (single) pneumatic, if different state size. Or option 11:00 20 dual pneumatic. State Price: _____

HYDRAULICS: System shall have a minimum flow of 65 GPM to the excavator digging functions and provide adequate cooling for hydraulic tools and attachments. Auxiliary hydraulic lines shall be in place and operational for any optional attachments. P.S.I. shall be a minimum of 4,620 lbs with a variable displacement closed center load-sensing hydraulic system. Case drain for mower ó Denis Cimaf DAH-125D.

BOOM, STICK, BUCKET: Boom shall be of excavator type with stick for capabilities of a minimum 20' digging depth at ground level, minimum reach of 31ø at ground level. Excavator shall have a minimum lift capacity of at least 13,400 Lbs. at 20' radius at 5' height over rear of machine. Hydraulically activated Helac bucket tilting attachment device that provides side-to-side bucket tilt ability. Excavator must have tilting device (Helac) for all attachments to attach to hydraulically, including the brush cutter. Excavator shall be equipped with ditch cleaning bucket minimum bite width 71" with leveling blade added to back of bucket. Optional- 2 piece / VA boom (variable adjustment). Price: _____

COOLING: Pressurized liquid cooling system with thermostat.

SYSTEM: Radiator shall be filled with manufacturerø approved anti-freeze solution that provides protection to at least -30 degrees f.

ELECTRICAL: Starting system shall be 24V. Alternator shall be a minimum 55 amps. Unit shall have a minimum of one boom mounted and two frame mounted work lights, two rear combination stop/turn/hazard warning lights. One cab mounted AStar 250 ADH warning light or two lights to be seen in all directions at all times. Power capable to operate company radios on 12 volts and not off only 1 battery. Rear and side mounted work cameras.

STANDARD

INSTRUMENTATION: Unit shall have gauges and/or monitoring system that will include: engine coolant temperature, engine oil pressure, air cleaner restriction and alternator charge, fuel, air pressure gauge and electric hour meter. Engine coolant temperature, and engine oil pressure system shall include audio and visual warning.

PAGE 3

CAB: Cab shall be all-weather steel, lockable, and isolation mounted. Unit shall be equipped with a weight adjustable deep cushioned, cloth covered, full reclining air seat with headrest that is adjustable both horizontally and vertically. Padded armrests will fold up for easier entry. Seat must be adjustable to the operator's weight. Right and left control levers should be adjustable fore and aft to better match operator's reach. For optimum ventilation the left door window, right window and roof hatch shall be of the type that can be locked open. The front window must be storable. The cab must be heated and air conditioned and include an interior light and be equipped with front windshield wiper and washer. AM-FM radio. Electronic machine monitoring system. A tilt steering column and a joystick pattern changer for hydraulic controls. Lower windshield wiper and washer.

ADDITIONAL EQUIPMENT:

Unit shall be equipped with all standard equipment and shall include. Key ignition w/safety switch, hand throttle, horn, cold weather starting aid, dry type air cleaner and restriction indicator, muffler, lockable engine side shields, engine fuel filter, mounting steps and safety hand holds. Storage compartment on right, left of machine (to store chains) and all to lock.

TRAINING: Successful bidder shall provide 4 hours of on-site operator and/or preventive maintenance training.

DEMONSTRATION: The vendor of the excavator, which is seriously considered for award, shall, at the request of Oconto Co. shall demonstrate his excavator at a location chosen by Oconto Co. Representative to prove out any features, which may be in question. Failure of the demonstration machine to meet Oconto Co. requirements may be adjusted as nonconformance to these specifications.

DELIVERY: Time of delivery may be an important factor in determining successful bidder. And must be stated.

EQUIPMENT: 2 (Two) outriggers and Front Hydraulic Blade. 2 Tool boxes left and right undercarriage mount. Travel speed lock.

Trade in unit: Model year 2000 ó TS14G Terex Scraper

Page 4
SPECIFICATION SHEET

MAKE _____ MODEL _____

ENGINE

MAKE _____ MODEL _____

CUBIC IN. DISPLACEMENT _____ NO. CYLINDERS: _____

TRANSMISSION

MAKE _____ TYPE _____

RANGE FORWARD _____ RANGE REVERSE _____

HYDRAULICS

PUMP MAKE _____ TYPE _____

CAPACITY _____ GPM OPERATING PRESSURE _____

ELECTRICAL

ALTERNATOR _____ AMPS BATTERY _____ CCA

HEATER _____ BTU

TIRES

SIZE AND TYPE _____

BRAKES

TYPE _____ SURFACE AREA _____ SQ. IN.

MAIN FRAME

TURNING RADIUS TO OUTSIDE FRONT TIRE _____ FT.

WEIGHT AS SPECIFIED _____ LBS

DELIVERY

STATE DELIVERY DATE F.O.B. OCONTO: _____

OPTIONS: (State any options which may be of interest)

SERVICE MANUALS AND PARTS BOOKS: The manufacturer shall furnish **two** parts manuals and binders, two service manual and binder and an operator's manual. Bid payment will be withheld until the current model books and manuals are received by Oconto County. Provide available electronic software for trouble shooting of machine to include cables and connections.

WARRANTY: The bidder shall include manufacturer's and dealer's warranty for the excavator. This shall be submitted typewritten on a separate sheet or signed in printed form as furnished by the manufacturer. Warranty work transit will be the vendor's responsibility. This information is imperative for bid consideration. Describe location and ability to provide warranty parts and labor. Hours: _____ Years: _____

The following equipment is offered in trade. For a visual inspection, arrangements are to be made with Shop Foreman Kurt Niemann, phone: (920) 842- 2280.

2000 Model – Terex TS14G Scraper

(1) One Rubber Tire, Four-Wheel Drive with no Spin Axles-Excavator

Make: _____ Tire Net Option: Increase/Decrease: \$ _____
Model: _____ Boom Net Option Increase/Decrease: \$ _____
Year: _____

Net Price (1) One Excavator with Trade: \$ _____

Net Price (1) One Excavator without Trade: \$ _____

Is buy back option available? Yes _____ No _____

(If yes please list amount and terms):

CERTIFIED CHECK, CASHIER'S CHECK OR PERFORMANCE BOND payable to the Oconto County Highway Department, in the amount of not less than five (5%) percent of the quotation, shall accompany each quotation as a guarantee that if the quotation is accepted, the proposer will carry out the provisions of the proposal.

DEVIATIONS:

Company Name: _____

Address: _____

Company Representative: _____

(Please Print)

Signature: _____

Date: _____