

NOTICE TO BIDDERS

Purchase of a New Tracked Hydraulic Excavator, 2017 model.

Sealed proposals will be received by the City of Hastings until 10:00 a.m. on October 24th, 2016 at which time they will be opened and read at the City Building, 220 North Hastings Avenue, Hastings, Nebraska for the furnishing and delivering F.O.B. Hastings of the following equipment:

One (1) – New Tracked Hydraulic Excavator.

Bid sureties shall meet the following requirements:

1. Bids for the sale of vehicles or equipment to the City of Hastings submitted by bidders located outside of Adams County, Nebraska must be accompanied by a 5% bid bond.
2. Bids for the sale of vehicles or equipment to the City of Hastings submitted by bidders located within Adams County, Nebraska need not be accompanied by a bid bond, but any apparent successful bidder must submit a 5% bid bond within 24 hours after the bid opening.
3. The 5% bid bond may be in the form of cash, cashier's check or certified check.
4. The bid bond of any successful bidder shall be retained by the City until the vehicle or equipment has been delivered and accepted by the City.

Specifications may be obtained at the Office of the City Engineer, 220 North Hastings, Avenue, Hastings, Nebraska, (402) 461-2330 or by emailing to dparker@cityofhastings.org.

The City of Hastings reserves the right to select the bid(s) which best suits its needs, whether the price is the lowest or not, and also reserves the right to reject all bids or waive informalities. A tax exemption certificate will be submitted to the successful bidder; therefore, all bids shall be on a net basis.

Dated this 6th day of October, 2016.

City of Hastings

Kimberly Jacobitz, City Clerk

Publish: October 11th, 2016
October 18th, 2016

Tracked Hydraulic Excavator Bid Specifications

Meets Specifications
YES NO

WEIGHT:

- 1) Approximate operating weight - 50,000 lbs. (minimum)

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ENGINE:

- 1) Six cylinder wet sleeve design manufactured by equipment manufacturer. Minimum displacement 6.8L. (615 CI)
- 2) EPA Emission Rating minimum Tier 4 Final.
- 3) Minimum 159 Horsepower at rated RPM, Turbo charged, and intercooled or after cooled.
- 4) Ether, intake air or glow plug, cold starting aid-120V engine block heater.
- 5) Severe duty fuel filter system.
- 6) Engine Oil Sampling Port.

HYDRAULIC SYSTEM:

- 1) Open center, load sensing w/variable displacement axial piston pumps.
- 2) 112 g.p.m. (minimum) main pump hydraulic flow. 224 g.p.m. (minimum) combined pump flow.
- 3) Axial piston swing motor w/Multiple wet disc automatic swing brake.
- 4) Hydraulic pilot controls, short stroke, low effort with safety shutoff.
- 5) Hand control pattern changer.
- 6) Auxiliary circuit w/two-way flow with intergrated joystick control for thumb.
- 7) Hydraulic oil sampling port.

UNDERCARRIAGE AND LOWER STRUCTURE:

- 1) Two speed travel.
- 2) Long undercarriage with (8) eight track rollers and (2) two carrier rollers and 31" wide (minimum) triple grouser track shoes.
- 3) Track rails with sealed and lubricated links. Factory recommended guides.
- 4) Planetary final drives with axial piston drive motors.
- 5) Spring applied and hydraulic released travel brake.

Meets Specifications

YES **NO**

ELECTRICAL:

- 1) 24 volt system.
- 2) (2) Two heavy duty (1400 CCA) batteries.
- 3) 100 amp alternator (minimum).
- 4) Frame and boom mounted halogen work lights.
- 5) 12V. 5 amp power outlet for cell phone.
- 6) 12V. 20 amp power convertor for two-way radio.

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OPERATOR STATION:

- 1) Cab with safety tinted glass, pressurized, heated and air conditioned with adjustable louvers to direct air flow. Windshield washer and wiper.
- 2) Full height windshield debris guard to protect operator. Cab Windows: Front/Top to have protection package installed.
- 3) Cab mounted LED beacon.
- 4) High back cloth suspension seat w/2" retractable seatbelt and adjustable control consoles independent of seat adjustment.
- 5) Multifunction, color monitor with systems monitoring and diagnostic capability. Full gauge display with optical and audible warning for low engine oil pressure, high coolant temperature and high hydraulic temperature.
- 6) AM / FM radio.
- 7) Left and right outside rear view mirrors and counterweight mirror.
- 8) Rear view camera.
- 9) Cab hatch emergency exit.
- 10) Straight travel pedal.
- 11) Thumbwheel auxiliary controls to be mounted on joystick.
- 12) Anti-Vandalism Kit, including lockable cab and access doors.

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DIMENSIONS AND PERFORMANCE:

- 1) Excavator Class: 21 Ton (minimum).
- 2) Stick Length: 9' 6" (minimum).
- 3) Reach at ground level: 32' (minimum).
- 4) Top Loading Height: 23' (minimum).
- 5) Digging Depth, 8' Flat Bottom: 21' 4" (minimum).
- 6) 360 degree swing, minimum speed 11.2 RPM (minimum) with automatic swing brake.

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Meets Specifications

YES **NO**

OTHER:

- 1) Bid Machine to be 2017, new unit. _____
- 2) Quick release coupler system for digging bucket and material sorting grapple attachments. Hydraulic quick coupler compatible with all attachments. _____
- 3) Heavy Duty Bucket with teeth. Approximately 1.2 c.y. capacity. Best suited for machine, digging bucket. _____
- 4) Material Sorting Grapple. _____
 - * 360° rotating unit. _____
 - * Width Opening: 78" minimum. _____
 - * Synchronized Jaws. _____
 - * Machine to be heavy duty for solid waste landfill use. _____
 - * Minimum Weight: 3,000 lbs. _____
 - * Grapple shall be Caterpillar G315B quick attach sorting grapple or equivalent. _____
- 5) Excavator shall have installed an additional rear counter weight in proportion to the Grapple Attachment per manufacturer specifications. _____

WARRANTY:

- 1) Bidder shall provide total machine warranty including parts, labor and mileage for five (5) years/7,500 hours with **NO DEDUCTIBLE**. _____

MANUALS/TRAINING/REPLACEMENT PARTS:

- 1) One (1) complete set of operator and maintenance manuals shall be included. _____
- 2) Two (2) downloadable and copy able DVDs with manuals, parts break-downs, hydraulic and electrical schematics and safety and setup procedures shall be included. _____
- 3) Minimum of one (1) day training shall be supplied at no extra charge by factory trained personnel at time of machine delivery. _____
- 4) Bid shall include two (2) additional complete sets of cutting edges for Grapple Attachment with all required hardware for installation. _____
- 5) Bid shall include two (2) complete sets of Hydraulic Hoses for Grapple Attachment. _____
- 6) Two (2) additional complete sets of full machine filters (air & fluids) will be provided with machine. _____
- 7) Bidder shall include DVD of proposed equipment as bid by vendor and any supporting material to aid in bid evaluation process. _____

*****Questions pertaining to bid specifications shall be directed to:**
 HASTINGS SOLID WASTE DEPARTMENT
 Jack E. Newlun, Solid Waste Superintendent / Environmental Officer
jnewlun@cityofhastings.org
 402-461-2308 Office / 402-984-0493 Cell

PROPOSAL

Tracked Hydraulic Excavator
CITY OF HASTINGS SOLID WASTE DEPARTMENT
Hastings, Nebraska

To furnish one (1) - 2017 New Tracked Hydraulic Excavator now in current production with equipment as specified, F.O.B. City of Hastings Solid Waste Department, 725 South Southern Hills Drive, Hastings, NE.

MODEL _____ MAKE _____
YEAR _____ DELIVERY DATE _____

BASE BID

BID TOTAL \$ _____

NET BID \$ _____

INSTALLMENT PLAN PROPOSAL

PAYMENT UPON DELIVERY \$ 75,000

PRINCIPAL TO BE FINANCED \$ _____

INTEREST RATE (%) _____

PERIOD (4 years) _____

ANNUAL INSTALLMENT IN ARREARS \$ _____

In submitting this proposal, it is understood that the right is reserved by the City of Hastings to reject any or all proposals, and it is further understood that this proposal may not be withdrawn for a period of thirty (30) days after the proposals are opened.

It is further agreed that this document consisting of "Notice to Bidder", "General Information", "Instructions to Bidders", "Minimum Bid Specifications", "Bidder's Offered Equipment", and "Proposal" will become a contract and be binding upon each party when accepted in part or its entirety by the City of Hastings, Nebraska.

Seller must sign this Proposal before submitting it to the Mayor and Council.

SELLER:

Firm: _____ BY: _____

Address: _____ Title: _____

City/State: _____ Date: _____

CITY OF HASTINGS

By: _____

Title: _____

Attest:

City of Hastings
Tracked Hydraulic Excavator

Purchasing:

Bidder shall attach cost-schedule, including base price, additional charges, and total accrued purchase cost for the following purchasing options:

- A. Balance to be financed by bidder over a FOUR (4) year period. Payment to be in annual payments in the arrears. Interest rate of financing shall be stated.