

BID PRICING FORM - ATTACHMENT B

FOB POINT

The FOB Point, in terms of loss or damage, as well as where title to the goods is passed, shall be FOB - Destination.

| | Minimum Specification | Does Not Meet Spec | Meets Spec | Exceeds Spec | Comments |
|----------|--|--------------------|------------|--------------|----------|
| 1 | General | | | | |
| | The backhoe shall be a Caterpillar 430F2 IT, John Deere 410L or equivalent | | | | |
| | Tire size: Front 340/80R Rear 18/500/70R 24 RT | | | | |
| 2 | Engine | | | | |
| | Engine shall be EPA Tier 4 compliant | | | | |
| | Net engine output HP minimum 105 | | | | |
| | Emissions package shall be positioned to allow easy access for maintenance | | | | |
| | Engine electronic control modules and sensors shall be completely sealed against moisture and dust | | | | |
| | Connectors and electrical wire braiding shall ensure that electrical connections resist corrosion and premature wear | | | | |
| | Automatic engine regeneration allowing manual activation when required without affecting work ability | | | | |
| | Heavy duty electric starter shall be standard | | | | |
| | Machine shall have the cold weather package with 120V HRC | | | | |
| | Machine shall have the engine block heater and automatic ether starting aid for cold weather starting | | | | |
| | Back up alarm | | | | |
| | Engine shall be configured to provide constant net horsepower at full parasitic load | | | | |
| 3 | Power Train/Transmission | | | | |
| | Machine shall have an electronic autoshift transmission | | | | |
| | Machine shall have 4 wheel drive with front poly fenders | | | | |
| | Lock-up torque-converter to allow increased speeds when roading or when climbing ramps | | | | |
| | Standard differential locks for the front axle, actuated by a foot switch mounted, with automatic front/rear diff locks required | | | | |
| | Variable shift control that allows the transmission to upshift at lower engine RPM's | | | | |
| 4 | Hydraulic System | | | | |
| | Hydraulic tank capacity minimum 10 gallons | | | | |
| | Hydraulic pump shall be an axial-piston pump | | | | |
| | Machine shall feature pressure compensated load sensing hydraulics to automatically adjust to operating conditions and provide only hydraulic flow required by the implement | | | | |

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| | A ride control system with multiple accumulators shall be standard and required | | | | |
| | Control of raise/lower and rack back/dump shall be able to be operated simultaneously | | | | |
| | Single joy stick loader controls shall provide the operator with in-cab programmable kickouts to prevent material spillage | | | | |
| 5 | Outriggers | | | | |
| | Each outrigger shall be independently controllable | | | | |
| | Factory installed heavy duty guarding shall be available for each outrigger cylinder | | | | |
| | Add flip over stabilizer pads and guard for the stabilizer | | | | |
| 6 | Operators Station | | | | |
| | Fully enclosed deluxe cab with air conditioning | | | | |
| | Climate control system shall automatically adjust the air temperature and fan speed to maintain the operator's preferred climate setting | | | | |
| | Pilot controls | | | | |
| | Access from both right and left sides | | | | |
| | Fully adjustable fabric seat with air suspension | | | | |
| | Seat shall be adjustable fore and aft both together and separate from the control levers | | | | |
| | Seat shall have an adjustable back rest and lumbar support | | | | |
| | Vertical air suspension with heated seat and lumbar | | | | |
| | Front hinged cab door shall be able to be opened and closed by the operator while seated and shall feature sliding windows on both sides that can be opened incrementally with one hand operation | | | | |
| | Intermittent wipers shall be on front and back windows | | | | |
| | Machine shall have a system that checks the following fluid levels prior to machine start-up and warns the operator if the levels are not within acceptable ranges: engine coolant level and hydraulic oil level | | | | |
| | Cab monitor shall display warnings when oil and filter maintenance interval is due according to hours of usage | | | | |
| | ROPS Cab structure compliant with 2006/42/EC and tested according to ISO 12117-2:2008 | | | | |
| | Modular design ROPS/FOPS (level 2) canopy with molded roof to meet ISO3449 and ISO 3471/SAE J1040 | | | | |
| | 12 Vdc power outlets | | | | |
| | Adjustable armrests | | | | |
| | Front windshield wiper with intermittent speed | | | | |
| | Auxiliary pilot and electric controls for possibility of running a thumb attachment | | | | |
| | Cab shall have rubber shock dampening mounts | | | | |

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| | The rear window shall be easily removable, without tools, for escape in the event of emergency | | | | |
| | The control levers shall be mounted to the suspension seat so the relative positions between the operator and the control levers are maintained | | | | |
| | Bottle holder | | | | |
| | Fastened seat belt warning signal | | | | |
| | Factory installed AM/FM stereo radio with bluetooth | | | | |
| | Factory installed air conditioning, heater and defroster with automatic climate control | | | | |
| | Cab air conditioner shall have a primary filter than can be removed for inspection without any tools | | | | |
| | Operator sound level within cab with door closed shall be not greater than 72 dB(A) | | | | |
| | A tilting steering column shall be offered for easy cab entry and exit | | | | |
| | Power/heated adjustable mirrors on cab | | | | |
| | Impact resistant windshield | | | | |
| | Hydraulic shut off levers – all controls | | | | |
| | Cab roof shall have channels to direct rain off the corners of the cab to keep the windows clear | | | | |
| | Dual maintenance free batteries. | | | | |
| | Battery disconnect switch and jump posts | | | | |
| | Minimum of four rear and four front cab LED mounted lights shall illuminate the area behind the machine in low light conditions. | | | | |
| | One LED worklight mounted to boom | | | | |
| | The main control panels shall be located to keep everything in reach of the operator while maintaining visibility to the ground | | | | |
| | Interior front view and outside rear view mirrors | | | | |
| | Main control panels shall retain large switches which contain LED's to denote activation/mode and have a positive feel and "click" to signal activation | | | | |
| | A monitoring system shall be available for critical systems to alert the operator to potential need for services | | | | |
| | Three levels of warning shall allow the operator to assess the situation more accurately | | | | |
| | LED amber beacon mounted to top of cab | | | | |
| 7 | Booms and Sticks | | | | |
| | Maximum reach at ground level at swing pivot 23'9" | | | | |
| | Maximum digging depth shall not be less than 19'6" | | | | |
| | Maximum bucket force shall not be less than 15,932 lbs | | | | |
| | Maximum stick forces shall not be less than 7,287 lbs | | | | |

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| | Maximum dump height shall not be less than 14'10" | | | | |
| | Add protective plate for extendable stick to prevent wear to the extendable boom | | | | |
| | Additional counterweight, 1,000 lbs | | | | |
| 8 | Work Tool Options | | | | |
| | A quick coupler shall be available and shall enable the operator to simply release one work tool and pick up another, hydraulic controlled | | | | |
| | Heavy duty 36" digging bucket with replaceable teeth- with quick connect | | | | |
| | 1.5 cubic yard bucket with bolt on cutting edge and skid plates, pin on | | | | |
| | Extendable boom | | | | |
| | Blunt breaker tip | | | | |
| 9 | Serviceability | | | | |
| | Oil and fuel filters shall be of the spin-on type and shall be vertically mounted and accessible from ground level for easy and rapid service | | | | |
| | Daily maintenance points shall be accessible from the ground level | | | | |
| | Machines shall be equipped with sight gages for clear visibility of fluid levels during daily check | | | | |
| | Cab air filters shall be easily accessible | | | | |
| | Air conditioning condenser and oil cooler cores shall allow easy cleaning of the radiator face | | | | |
| | A perforated and corrugated grill shall minimize debris buildup and shall swing out for easy cleaning and access to the cooling cores | | | | |
| | The hood shall provide access to the front and rear faces of the radiator and ATAAC cores for easy cleaning | | | | |
| | Machine shall have well protected, easily visible sight gauges for transmission oil, hydraulic oil and radiator coolant | | | | |
| | Flat fins on all coolers shall reduce clogging and make debris removal easier | | | | |
| | Air filter shall not need service tools for replacement and shall feature double element construction and build-in precleaner | | | | |
| | When the air cleaner plugs, a warning shall display on the monitor screen in the cab | | | | |
| | The hydraulic return filter shall be situated inside the hydraulic tank to prevent contaminants from entering the system when the hydraulic oil is changed | | | | |
| | The water separator shall remove water from fuel even when under pressure and shall be in the engine compartment | | | | |
| | Fuel tank drain shall be located at the bottom of the upper frame and drain with hose connection to allow simple, spill free fluid draining | | | | |

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| | Hydraulic tank drain shall be located in the engine compartment and shall drain with hose connection to allow simple, spill free fluid changes | | | | |
| | Large handrails and steps shall assist the operator in climbing on and off the machine | | | | |
| 10 | Minimum Service Fill Capacities | | | | |
| | Fuel tank, fully enclosed, minimum 35 gallons | | | | |
| | Cooling system capacity shall be at least 5.9 gal | | | | |
| 11 | Owning and Operating Costs | | | | |
| | Machine shall be equipped with an extended life coolant, which extends the service to 12,000 hours or 3 years | | | | |
| | Recommended engine oil change interval shall be 500 hours | | | | |
| | Provided certain requirements are met, recommended hydraulic oil change interval shall be 4,000 hours | | | | |
| | Axle oil shall have recommended oil change interval of 2,000 hours | | | | |
| | Extended warranty | | | | |
| 12 | Additional Features | | | | |
| | Color to be construction yellow | | | | |
| | LED light package | | | | |
| | Filter list | | | | |
| | Build sheets | | | | |
| | Parts and service manuals | | | | |
| | A central diagnostic function to record system parameters and faults shall be provided to facilitate quick analysis and troubleshooting | | | | |
| | Machine shall have a key-operated master electrical disconnect switch that cuts all electrical power to all circuits | | | | |
| | All wire harnesses shall be encased in nylon mesh bindings | | | | |
| | Hammer circuit shall be available, high flow hydraulics | | | | |

Optional Equipment

| | |
|----|---|
| 1. | Hydraulic hammer with quick connect, 800 lb impact class, must be rebuildable |
|----|---|

| Description | Firm fixed price |
|--|------------------|
| Price for one (1) backhoe loader per the specifications in the bid documents | \$ |
| Price for optional hydraulic hammer with quick connect | \$ |

Loader Manufacturer, Model and Model Year _____

Is bidder authorized by the manufacturer to sell, warrant and service equipment as bid Yes No

Descriptive literature included with the bid submittal Yes No

Warranty information included with the bid submittal Yes No

Estimated Delivery Time Upon Receipt of Purchase Order _____ Calendar Days

Dealer Name _____

Dealer Representative Signature _____ Date _____

| DELIVERY ADDRESS | BILLING ADDRESS |
|---|--|
| Joy Huber Fleet Services Division 500 15 th Ave SW Cedar Rapids, IA 52404 | Finance Department – Accounts Payable City of Cedar Rapids 101 1 st St SE PO Box 2148 Cedar Rapids, IA 52406-2148 |