

**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.

**FREIGHT CHARGES**

Freight charges are to be included in the quoted price of the goods, rather than as a separate item unless otherwise noted.

**BRAND NAMES**

Unless otherwise indicated, the name of a certain brand, make or manufacturer does not restrict bidders to the specific brand, make or manufacturer named. It conveys the general style, type, character and quality of the article desired, and any article which the City in its sole discretion determines to be the equal of that specified, considering quality, workmanship, economy of operation and suitability for the purpose intended shall be accepted. Any brand name or manufacturer's reference used in this bid is descriptive NOT restrictive. It is used to indicate type and quality desired.

**EQUIVALENTS**

The name of any manufacturer mentioned in the specifications is for the purpose of establishing a minimum acceptable standard of quality desired by the City. On all items bid, the bidder shall indicate clearly the product being bid and, where applicable, shall supply catalog cuts and descriptive literature with the original copy of the bid. Equivalent products will be considered for all products unless it is specifically indicated for a particular product that no substitutions are allowed. It is the sole discretion of the City to make the determination if a product will be acceptable as an equivalent.

**SPECIFICATION COMPLIANCE**

Any supplier who willfully falsifies responses indicating compliance or non-compliance with the minimum requirements listed below will be subject to suspension and/or debarment from bidding. Vendors shall complete every line on the bid submittal forms (Does not meet Spec, Meets Spec or Exceeds Spec) and indicate the exact item being bid to meet the minimum specified item. An X, check mark, or yes will indicate the item specified is being provided. All bullet points must be acknowledged with the aforementioned. All exceptions shall be stated no matter how seemingly minor.

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
<b>1</b>	<b>General</b>				
	The backhoe shall be a John Deere 710L or equivalent				
	Tire size: Front 15-19.5 16 Ply Rear 20.4-25 18 Ply				
<b>2</b>	<b>Engine</b>				
	Engine shall be EPA Tier 4 compliant				
	Engine displacement 4.5 liters				
	Net engine output HP minimum 148				
	Serpentine belt with automatic belt tensioner				
	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 block heater and glow plugs				
	Back up alarm				
	12Vdc charging system				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	120Amp Alternator				
	Engine shall be configured to provide constant net horsepower at full parasitic load				
	Oil sampling ports				
	Chrome exhaust extension				
<b>3</b>	<b>Power Train/Transmission</b>				
	Machine shall have an electronic autoshift transmission				
	Machine shall have mechanical front wheel drive with front poly fenders				
	Lock-up torque-converter to allow increased speeds when roading or when climbing ramps				
	Standard differential locks for rear axle, actuated by a foot switch mounted, with limited slip front axle				
	Variable shift control that allows the transmission to upshift at lower engine RPM's				
<b>4</b>	<b>Hydraulic System</b>				
	Hydraulic tank capacity minimum 13 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				
	A ride control system 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				
	Single joy stick will also control the functions of the 4 in 1 multi-purpose front bucket				
<b>5</b>	<b>Outriggers</b>				
	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				
<b>6</b>	<b>Operators Station</b>				
	Fully enclosed deluxe cab with air conditioning				
	Climate control system shall be capable of adjusting the air temperature and fan speed to maintain the operator's preferred climate setting				
	Pilot controls				
	Fire extinguisher				
	Cab 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				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Seat shall have an adjustable back rest and lumbar support				
	Vertical air suspension with heated seat and lumbar				
	Intermittent wipers shall be on front and back windows				
	Modular design ROPS/FOPS (level 2) canopy with molded roof to meet ISO3449 and ISO 3471/SAE J1040				
	12 Vdc power outlets				
	Adjustable armrests				
	Auxiliary pilot and electric controls for possibility of running a thumb attachment				
	Rear window shall be easily removable, without tools, for escape in the event of emergency				
	Bottle Holder				
	Cab shall have rubber shock dampening mounts				
	Factory installed AM/FM stereo radio with bluetooth				
	Factory installed air conditioning, heater and defroster with 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				
	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 and 2 side docking LED mounted lights shall illuminate the area in front, behind, and side of 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				
	Sun visor				
	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				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Whelen L41AP LED amber beacon mounted to top of cab				
<b>7</b>	<b>Booms and Sticks</b>				
	Maximum reach at ground level at swing pivot 26'9"				
	Maximum digging depth shall not be less than 21'9"				
	Maximum bucket force shall not be less than 17,622 lbs				
	Maximum stick forces shall not be less than 11,999 lbs				
	Maximum dump height shall not be less than 17'6"				
	Add protective plate for extendable stick to prevent wear to the extendable boom				
	Additional counterweight, 1,500 lbs				
	Swing casting shall have a dual yoke design				
	Operating weight shall be no less than 25,588 lbs				
<b>8</b>	<b>Work Tool Options</b>				
	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 24" digging bucket with replaceable teeth- with quick connect				
	1.3 cubic yard multi-purpose 4 in 1 bucket with bolt on cutting edge, skid plate and two lifting eyes. Bucket will be a pin on style				
	Extendable boom				
<b>9</b>	<b>Serviceability</b>				
	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				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	When the air cleaner plugs, a warning shall display on the monitor screen in the cab				
	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				
	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. Must have 3 points of contact				
<b>10</b>	<b>Minimum Service Fill Capacities</b>				
	Fuel tank, fully enclosed, minimum 49 gallons				
	Cooling system capacity shall be at least 8 gal				
<b>11</b>	<b>Owning and Operating Costs</b>				
	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 2,000 hours				
	Axle oil shall have recommended oil change interval of 2,000 hours				
	Extended warranty				
<b>12</b>	<b>Additional Features</b>				
	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 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				

Description	Firm fixed price
Price for one (1) backhoe loader per the specifications in the bid documents	\$

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 <sup>th</sup> Ave SW Cedar Rapids, IA 52404	Finance Department – Accounts Payable City of Cedar Rapids 101 1 <sup>st</sup> St SE PO Box 2148 Cedar Rapids, IA 52406-2148