

**BID PRICING SUBMITTAL FORM**  
**WHEELED ENDLOADER, RFB #PUR0316-164**  
**ATTACHMENT B**

**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.

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
<b>1</b>	<b>General</b>				
	2015-2016 model year wheeled endloader				
	Must comply with current EPA, ANSI, SAE requirements for this equipment type				
	Paint color to be construction yellow				
<b>2</b>	<b>Engine</b>				
	6 cylinder EPA Tier III or IV diesel				
	175-185 Net SAE rated horsepower at 1800-2000 RPM				
	6.8 liter				
	Conventional steering				
	Fully opening engine to allow for easy access to engine compartment				
	120-130 amp alternator				
	24V electrical system with master disconnect				
	Serpentine accessory drive belt with automatic belt tensioner				
	Air intake with precleaner				
	Reverse fan drive				
	Spin on oil filter				
	Engine block heater				
	Environmental drain				
	Wheel spin control system				
	Fuel capacity 80-90 gallon				
<b>3</b>	<b>Transmission</b>				
	Powershift transmission				
	Electronically controlled transmission				
	Minimum travel speed 23-27 MPH				
	Steering column or joystick mounted F-N-R and gear-select lever				
	Auto-shift transmission				
<b>4</b>	<b>Tires</b>				
	20.5 - 25				
	Standard rear fender package				
	Full coverage front and rear fenders				
<b>5</b>	<b>Operator's Compartment</b>				
	Standard operator controls				
	Left side steps				
	Full cab enclosure to include full window package				
	Suspension type cloth seat with air suspension and seat belt				
	Cab heater and air conditioning system, including appropriate insulation package (cold weather package)				
	Dome light				
	AM/FM radio with weather band and antenna mounted to cab				
	Dual outside telescopic mirrors, inside rear view mirrors; heated outside mirrors				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Windshield wiper/washer, activation switch mounted on dash in operator station				
	Sun visor				
	Floor mounted accelerator				
	Transmission select lever in appropriate reach of operator				
	Two rear work lights mounted on cab facing rearward to illuminate rear of unit during nighttime operations				
	Side windows that open fully and secure to rear of cab				
	Side windows that can be opened at various openings and secured at those opening levels				
	Front and rear wiper washer system				
	Maximum sound level in operator cab area of 72.5 dBA IAW SAE J919				
	All instrumentation and controls within natural view and reach of operator				
	Standard gauge package - hour meter, fuel gauge and engine coolant temperature gauge				
	Air cleaner restriction indicator				
	Park brake applied indicator				
	Ride control system automatically deactivates at speeds below 3.0 MPH				
	Rollover protection as required by regulation for this type of machine				
<b>6</b>	<b>Serviceability</b>				
	All filters vertically mounted				
	Remote battery jump posts to aid in jump starting				
	Ground level lubrication manifold for lubrication points not easily accessible				
	Sight gauge for hydraulic and transmission oil level				
	Ground level oil drain points				
<b>7</b>	<b>Electrical System</b>				
	Horn				
	Backup alarm				
	Required lighting - two (2) headlights with high/lo beam, standard lighting package to include stop, turn and tail lights				
	Amber LED warning light mounted on top of unit to ensure 360 degree visibility with factory standard protective cage				
	Switch mounted in operator control area				
	Front work light mounted RH side, to illuminate wing plow				
	24V power inverter				
	Main wiring harness must contain a grounded/groundable configuration for 12V power supply				
<b>8</b>	<b>Hydraulic System</b>				
	55-60 GPM flow pump minimum - must be appropriate for all hydraulic operations, to include standard loader operations, wing plow operation and quick connect snow blower attachment				

	Minimum Specification	Does Not Meet Spec	Meets Spec	Exceeds Spec	Comments
	Pilot operator controls				
	Quick connect hook-ups for attachments to be ACS type				
	Load sensing steering system				
<b>9</b>	<b>Axles</b>				
	Hydraulic front				
	Conventional rear				
	Axle auto differential lock				
	Rear axle oscillation, stop to stop, 24 degrees				
<b>10</b>	<b>Brakes</b>				
	Fully hydraulic wet disc type service brakes				
	Independent front and rear brake lines				
	Parking brake - automatic spring applied, hydraulically released, drive-line mounted and oil cooled				
<b>11</b>	<b>Manuals</b>				
	One (1) complete set of manuals - operator, service and parts				
<b>12</b>	<b>Training</b>				
	Operation and maintenance training by qualified Vendor representative - 1 day				
<b>13</b>	<b>Warranty</b>				
	Submit detailed written warranty information - parts and labor				
	Include both dealer and factory warranty information				
	All models must include full manufacturer's warranty to be considered responsive				
<b>14</b>	<b>Loader Bucket</b>				
	2.7-3.0 cubic yard bucket with cutting edge				
	Predrilled for bolt on cutting edge and bolt on cutting teeth				
	Bucket level indicator				
	Bolt on replaceable heel plates				
	Z bar coupler				
	Bolt on reversible cutting edge				
<b>15</b>	<b>Loader Performance With 3.0 CY Bucket</b>				
	Minimum breakout force of 28,000-32,000 pounds force				
	Minimum straight tipping load of 26,000 lbs				
	Full turn tipping load of 23,000 lbs				
	Operating load of 11,000 lbs				
	Minimum dump clearance 45 degrees with a dump angle of 42"				
	State hinge pin height _____				
	State empty lowering time _____				
	State floating lowering time _____				
	State dumping time, loaded _____				
	State bucket raising time, loaded _____				
<b>16</b>	<b>Dimensions</b>				
	Wheel base of 120-130"				
	Overall length 295-308"				
	Height to top of cab 132-135"				
	Minimum articulation of 40 degrees				
<b>17</b>	<b>Wing Plow</b>				
	10' wide mid-mount wing plow				

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	28" deep excluding cutting edge				
	7-8" bolt on cutting edge				
	Wing plow controls must be run through a factory standard lever type control				
	Toggle or Rocker switches are NOT acceptable				
<b>18</b>	<b>Electrical Connections (all connections must meet this standard minimum)</b>				
	All lighting used shall be, at a minimum, a two (2) wire light grounded through a wired connection to the battery system				
	Wiring shall be run in loom where exposed, and have grommets or other edge protection where wires pass through metal				
	Exterior exposed wire connectors shall be positive locking, and environmentally sealed to withstand elements such as temperature extremes, moisture and automotive fluids				
	All wire ends not placed into connectors shall be sealed with a heat shrink end cap				
	Wires without a terminating connector or sealed end cap shall not be allowed				
	All holes made in the roof shall be caulked with silicon (no exception)				
	Corrosion preventative compound shall be applied to non-waterproof electrical connectors located outside of the cab or body				
	All non-waterproof connections shall require this compound in the plug to prevent corrosion and for easy separation of the plug				
	Any lights containing non-waterproof sockets in a weather-exposed area shall have corrosion preventative compound added to the socket terminal area				
	Rubber coated metal clamps shall be used to support wire harnessing and battery cables routed along the chassis frame rails				
	Heat shields shall be used to protect harnessing in areas where high temperatures exist				
	Harnessing passing near the engine exhaust shall be protected by a heat shield				
	For ease of identification, battery cables shall be color coded				
	All positive battery cables shall be red in color or wrapped in red loom the entire length of the cable				
	All negative battery cables shall be black in color				
	Wire connections shall be made using crimp style heat shrink butt splice connectors or soldered connection covered with heat shrink				
	If crimp style connector is used, crimping tool Westward 13H876 or equivalent must be used to prevent piercing heat shrink				
	Solder sleeve butt splice type connectors shall not be allowed				

Description	Price
Price for one (1) wheeled endloader per the specifications in the bid documents	\$

Endloader Manufacturer \_\_\_\_\_

Endloader Model Number \_\_\_\_\_ Model Year \_\_\_\_\_

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

Estimated Delivery Time Upon Receipt of Purchase Order \_\_\_\_\_ Calendar Days

Vendor Name \_\_\_\_\_

Vendor 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