

ADVERTISEMENT FOR BIDS

One (1) 2015 4 Wheel Drive Loader Backhoe with an Extendable Hoe
(Example size Backhoe – 410G or Equivalent)

for the

City of Colstrip

The City of Colstrip will receive sealed bids for furnishing and delivery of One (1) 2015 4-Wheel Drive Loader Backhoe with an Extendable Hoe. Bids will be received until **April 24, 2015 @ 3:00 p.m.** at City Hall, 12 Cherry Street Colstrip, Montana 59323, at which time and place the bids shall be publicly opened and read.

Proposal forms and specifications are on file and may be obtained at City Hall, 12 Cherry Street Colstrip, Montana 59323. The forms can also be downloaded from www.cityofcolstrip.com, under “Public Downloads”. Proposals must be made on the form as furnished, and shall be submitted to City Hall on or before the time stated above. **PROPOSALS MUST BE PLACED IN A SEALED ENVELOPE WITH THE FOLLOWING CLEARLY MARKED ON THE OUTSIDE:**

BID FOR ONE (1) 2015 4 WHEEL DRIVE LOADER BACKHOE WITH AN EXTENDABLE HOE

All bids must be accompanied by a bid security of at least ten percent (10%) of the bid price in the form of cashier’s check, certified check, bank money order or bank draft, or bid bond in any case drawn and issued by a national banking association located in the state of Montana or licensed to do business in the state of Montana

Any questions may be addressed to Bryan Swan at 748-2300 x2303 or Brad Purdon at 748-3163, Monday through Friday 8:00 a.m. to 5:00 p.m.

Michelle Richards
City Clerk/Treasurer

Please Publish: April 2, 2015 and April 9, 2015

SCOPE OF BID

ONE (1) 2015 4 WHEEL DRIVE LOADER BACKHOE WITH AN EXTENDABLE HOE

Unit bid shall be a 2015 currently advertised and produced model with all the latest standard features whether or not called for in these specifications. Standard equipment shall be defined in current manufactures literature.

Indicate compliance by checking either a yes or no answer.

A Yes answer indicates 100% compliance with the entire statement. Manufactures bid is allowed to meet, or exceed stated specifications, unless otherwise limited.

Explain all No answers in detail on a separate page, clearly referencing the relevant non-conforming item by section and item number.

INSTRUCTIONS TO BIDDERS

BIDDERS ARE REQUIRED TO SUBMIT THEIR BIDS IN ACCORDANCE WITH THE FOLLOWING CONDITIONS:

PROPOSALS

The bidder shall submit his proposal on forms as furnished in these specifications. Bidders must also submit complete detailed specifications of the unit with their proposals. Bidder prices shall include all dealer preparations and delivery of unit to FOB Colstrip MT. All proposals shall state net prices.

BASE BID

Base bid shall be for furnishing the unit as specified by the City of Colstrip.

TRADE-IN ALLOWANCE

The bidder shall state, as part of the proposal, an allowance for accepting the following described used equipment:

**2002 John Deere 410G 4WD
1621 Hours - New Transmission**

DELIVERY

Date of delivery may be a determining factor in making the award.

PAYMENT

Payment, in full, for unit received, shall be made by the City of Colstrip within thirty (30) days of the delivery to and acceptance by the City of Colstrip.

BID BOND

For bids totaling not more than \$10,000, no bid bond or security for performance will be required by the City. For bids \$10,000 or greater, a ten percent (10%) Certified Check, Bid Bond or the Pledging of a Certificate of Deposit in an amount equal to ten percent (10%) of the bid is required at the time of the bid opening. The City of Colstrip reserves the right to reject any and all bids, to waive technicalities, and to accept the proposal deemed to be in the best interest of the City of Colstrip.

MONTANA PREFERENCE LAW - Title 18, Part 1, MCA.

The City of Colstrip will comply with the Montana Preference Law if applicable.

Specifications for 2015 4-Wheel Drive Loader Backhoe		
Compliance		
A		Engine
1	yes <input type="checkbox"/> no <input type="checkbox"/>	Four Cylinder, turbocharged, isolation mounted diesel engine and shall be designed and built by the manufacturer
2	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine shall be certified to EPA Tier III emissions
3	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine shall have a individually replaceable, wet-sleeve cylinder liner design to dissipate heat for reduced ring wear and oil breakdown.
4	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine displacement shall be no less than 4.5 liters (276 cu. In.)
5	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine rated net peak power (ISO9249) shall be no less than 98 hp (73 kW) @ 2000 rpm
6	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine shall develop at least a 47% torque rise and should have at least 306 lb-ft (416 Nm) net torque at 1300 rpm
7	yes <input type="checkbox"/> no <input type="checkbox"/>	Daily check points shall be accessible from the right side of the engine and shall be done from ground level
8	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine shall have a serpentine belt with automatic belt tensioner reducing required maintenance
9	yes <input type="checkbox"/> no <input type="checkbox"/>	Under-hood engine air cleaner shall be dry type, dual element with evacuator valve, restriction sensor and in-cab restriction warning light
10	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe shall have coolant heater and ether start.
11	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe shall have a tilt hood for easy engine access
12	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe shall have an under hood muffler with curved-end exhaust stack
13	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine shall have no more than 30-micron rated primary fuel filter with water separator
14	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine shall have no more than 2-micron rated secondary fuel filter
15	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine bore shall be a minimum 4.19 inches (106.5 mm)
16	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine stroke shall be a minimum 5 inches (127 mm)
17	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine will be equipped with a water-in-fuel sensor
B		Cooling
1	yes <input type="checkbox"/> no <input type="checkbox"/>	Engine coolant shall be rated to -34 degrees (-37C)
2	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe shall be equipped with an oil-to-water engine oil cooler
3	yes <input type="checkbox"/> no <input type="checkbox"/>	Unit shall have a coolant recovery tank provided
4	yes <input type="checkbox"/> no <input type="checkbox"/>	Unit shall have a suction-type fan with fan-guard
5	yes <input type="checkbox"/> no <input type="checkbox"/>	The AC condenser will be swing-out for efficient radiator clean-out. Remote mounted transmission and hydraulic coolers will offer better air exchange and fewer stacked cores.
6	yes <input type="checkbox"/> no <input type="checkbox"/>	The hydraulic and transmission circuits will be water cooled for fast winter warm-up for increased productivity
C		Power Train
1	yes <input type="checkbox"/> no <input type="checkbox"/>	The transmission shall be power shift with torque converter; clutch-free; fully synchronized four forward, three reverse speeds
2	yes <input type="checkbox"/> no <input type="checkbox"/>	Front axle will be mechanical -front-wheel-drive with traction control limited-slip differential with electric on/off control
3	yes <input type="checkbox"/> no <input type="checkbox"/>	The axle will be sealed to protect against contamination
4	yes <input type="checkbox"/> no <input type="checkbox"/>	The clutch engaged MFWD can be engaged on the fly during operation.
5	yes <input type="checkbox"/> no <input type="checkbox"/>	4WD will automatically shut off in 4th gear to protect tires, powertrain components and reduce fuel consumption
6	yes <input type="checkbox"/> no <input type="checkbox"/>	The transmission shall be isolation mounted to the mainframe to minimize shock load stress
7	yes <input type="checkbox"/> no <input type="checkbox"/>	The rear axle shall have a differential lock, electric foot-actuated as standard equipment
8	yes <input type="checkbox"/> no <input type="checkbox"/>	The single electric FNR lever will have gear selection fully integrated in the lever

Specifications for 2015 4-Wheel Drive Loader Backhoe			
Compliance			
9	yes <input type="checkbox"/>	no <input type="checkbox"/>	Transmission oil cooler shall be provided as standard equipment
10	yes <input type="checkbox"/>	no <input type="checkbox"/>	The backhoe shall have hydrostatic power steering with emergency manual mode
11	yes <input type="checkbox"/>	no <input type="checkbox"/>	The machine will have a dial throttle that will allow the operator to road the machine on cruise control. Upon engagement of the brake pedal, the engine RPMs return to idle
12	yes <input type="checkbox"/>	no <input type="checkbox"/>	The final drives shall be heavy-duty outboard planetary distributing loads over four gears sealed in cooling oil bath for long-life and trouble free service.
13	yes <input type="checkbox"/>	no <input type="checkbox"/>	The front axle shall have remote grease bank for front axle for easy access.
14	yes <input type="checkbox"/>	no <input type="checkbox"/>	The rear axle bearings shall be self-lubricating and shall not need to be greased
15	yes <input type="checkbox"/>	no <input type="checkbox"/>	The service brakes shall be inboard, wet-multiple disk, self-adjusting and self equalizing and hydraulically actuated for a long and trouble-free life, sealed from water, mud and dust contamination
16	yes <input type="checkbox"/>	no <input type="checkbox"/>	The parking brake shall be independent of service brakes, spring applied, hydraulically released, wet multi-disk, and sealed from water, mud and dust contamination.
17	yes <input type="checkbox"/>	no <input type="checkbox"/>	Park brake will automatically apply when engine is shut off
D	Hydraulic System		
1	yes <input type="checkbox"/>	no <input type="checkbox"/>	The hydraulic fittings shall have "O"-ring face seal connectors to secure a tight, leak-free seal
2	yes <input type="checkbox"/>	no <input type="checkbox"/>	The hydraulic filter shall be no more than 6 micron and will be vertically mounted, spin on design for ease of installation and leak-free replacement.
3	yes <input type="checkbox"/>	no <input type="checkbox"/>	An automatic bucket return-to-dig control will be standard
4	yes <input type="checkbox"/>	no <input type="checkbox"/>	Hydraulic pump shall be 42 gpm (159L/min.) at 2,200 rpm at 3,625 psi (24 993 kPa) axial piston pump, pressure compensating, load sensing
5	yes <input type="checkbox"/>	no <input type="checkbox"/>	The unit shall have 6th function auxiliary hydraulics (adjustable 1000-3000 PSI) with plumbing to extendable arm with one way hydraulics and a valve with selectable flow control for a hammer and a compactor. Selectable control valve shall control flow from 9 to 34 GPM.
E	Electrical		
1	yes <input type="checkbox"/>	no <input type="checkbox"/>	The backhoe shall have a 12 volt system with 90 amp alternator
2	yes <input type="checkbox"/>	no <input type="checkbox"/>	Dual batteries shall be included, 12 volt, 1900 CCA, 300-min. rated reserve.
3	yes <input type="checkbox"/>	no <input type="checkbox"/>	The machine shall have blade type, multi-fused circuits and dual battery disconnect.
4	yes <input type="checkbox"/>	no <input type="checkbox"/>	The starter shall have a bypass start safety cover
5	yes <input type="checkbox"/>	no <input type="checkbox"/>	Cab will include rotating beacon and AM/FM/WB radio w/CD
6	yes <input type="checkbox"/>	no <input type="checkbox"/>	Unit shall be equipped with 10 halogen driving/working lights, (4) front driving/working; (4) rear; (2) side docking lights The front lights shall be adjustable and the bulbs shall be no less than 32,500 candlepower each.
7	yes <input type="checkbox"/>	no <input type="checkbox"/>	Unit shall be equipped with two front and two rear turn signal/flashing and two rear stop and tail lights and two rear reflectors
8	yes <input type="checkbox"/>	no <input type="checkbox"/>	Unit shall have system to remotely monitor hours, fuel consumption, alerts and diagnostic trouble codes. Subscription services, if any, shall be paid up for a minimum of 36 months.
F	Operator Station		
1	yes <input type="checkbox"/>	no <input type="checkbox"/>	Unit shall be equipped with isolation mounted modular design ROPS/FOPS cab with 2 doors (conforms to SAE J 1040).
2	yes <input type="checkbox"/>	no <input type="checkbox"/>	Access to the cab shall be from the right and left side with protected, wide, rigid, self-cleaning steps and ergonomically located hand-holds

Specifications for 2015 4-Wheel Drive Loader Backhoe			
Compliance			
3	yes ___ no ___		Operator station shall have tinted safety glass, molded floor mats, 26,000 BTU air conditioning, 40,000 BTU heater/defroster/pressurizer (3-speed), sun visor, tilt steering wheel, front 2-speed wiper and rear 1-speed wiper and washers, rear view mirror.
4	yes ___ no ___		3" retractable seat belt shall be included.
5	yes ___ no ___		Coat hook, built-in beverage holder, operator manual storage compartment, interior rearview mirror and two 12 volt outlets shall be provided
6	yes ___ no ___		Unit shall be equipped with illuminated electronic gauges with audible warning for: engine coolant temperature, oil temperature and fuel level.
7	yes ___ no ___		The monitor system shall have audible and visual warnings: engine air restriction, low alternator voltage, engine oil pressure and temperature, hydraulic filter restriction, parking brake on/off, and low brake pressure. The seat belt will have a visual warning.
8	yes ___ no ___		The key start switch will have an electric fuel shut-off
9	yes ___ no ___		The unit will have a digital monitor for diagnostics (including diagnostic messages and fault code readings), calibrations and machine information.
10	yes ___ no ___		Unit shall have digital display for: engine rpm, engine hours, system voltage, and hydraulic oil temperature
11	yes ___ no ___		The foot throttle shall be suspended
12	yes ___ no ___		The machine will have a cab and air conditioner installed at the factory.
13	yes ___ no ___		The seat shall be air suspension cloth swivel, with fully adjustable armrests and lumbar support.
14	yes ___ no ___		The machine will have factory installed 2 lever-Pilot Controls for the backhoe with pattern selector and adjustable wrist rests.
15	yes ___ no ___		1 Kenwood High Band Radio installed and operational. Model TK 7160 HK. The City uses Bridger Communications in Belgrade MT. Phone 388-8818. They have the program sequence for our radios.
G	General Specifications		
1	yes ___ no ___		Engine hood, toolbox, hydraulic reservoir, and fuel filler shall be lockable.
2	yes ___ no ___		The tilt hood shall have two service positions for easy operation
3	yes ___ no ___		An easy to read periodic maintenance and grease chart shall be posted at eye level prominently displayed on the frame.
4	yes ___ no ___		Fuel tank capacity shall be no less than 41 gallons (155 L) and shall be accessible from the ground.
5	yes ___ no ___		Operating weight with cab, mechanical front wheel drive, extendable dipperstick and 1,450 lb counterweight with 1.50 cu yd loader bucket and 24-in x 7.5 cu ft backhoe bucket shall be at least 19,000 lbs.
6	yes ___ no ___		Fluid levels should be easily checked by sight gauges, dipsticks or overflow tank
7	yes ___ no ___		Tires shall be Goodyear 21L - 24 in. 10 PR (R4) Tubless Rear & 12.5/80 -18 In. 14 PR Traction Front Sure Grip Lug Tires.
8	yes ___ no ___		Backhoe quick coupler must work with the City's existing tools; a jack hammer and plate tamper. Any changes to the tool will be at bidder's expense.
H	Overall Vehicle		
1	yes ___ no ___		The mainframe shall be a one-piece unitized construction for maximum strength
2	yes ___ no ___		Unit shall have four built-in vehicle tiedowns, two in front and two in rear for safe transport between jobs
3	yes ___ no ___		The side plate thickness on the loader boom, backhoe boom and mainframe shall be 4.5 mil or greater
4	yes ___ no ___		Machine shall be equipped with an exterior mounted, ground level accessed and lockable storage compartment

Specifications for 2015 4-Wheel Drive Loader Backhoe		
Compliance		
5	yes <input type="checkbox"/> no <input type="checkbox"/>	Machine shall have ride control, stabilizer cylinder guards, front wheel drive guard, and a low noise package to comply with ISO 6393 & 6395.
I Backhoe		
1	yes <input type="checkbox"/> no <input type="checkbox"/>	The unit shall have 6th function auxiliary hydraulics (adjustable 1000-3000 PSI) with plumbing to extendable arm with one way hydraulics and with selectable flow control for a hammer and a compactor. Selectable control valve shall control flow from 9 to 34 GPM.
2	yes <input type="checkbox"/> no <input type="checkbox"/>	Lift capacity at ground level with extendable dipper stick shall be no less than 2,680 lbs.
3	yes <input type="checkbox"/> no <input type="checkbox"/>	The lift capacity at full height with extendable dipper stick shall be no less than 2,962 lbs.
4	yes <input type="checkbox"/> no <input type="checkbox"/>	Extendible dipper stick shall extend no less than 4 ft.
5	yes <input type="checkbox"/> no <input type="checkbox"/>	Maximum SAE dig depth with extendable dipper stick extended shall be no less than 20 ft.
6	yes <input type="checkbox"/> no <input type="checkbox"/>	The swing lock pin storage location shall be in the operator's station
7	yes <input type="checkbox"/> no <input type="checkbox"/>	The stabilizers will be equipped with anti-drift in both directions and have reversible pads.
8	yes <input type="checkbox"/> no <input type="checkbox"/>	The unit shall be equipped with a backhoe bucket quick coupler.
9	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe bucket shall be 1 Extra Severe Duty 36" /12 cu ft. backhoe bucket with viper frost teeth.
10	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe boom design shall be a power curve for loading into the center of the truck bed.
11	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe boom shall be an hourglass shape for maximum strength and optimized visibility to the work tool.
12	yes <input type="checkbox"/> no <input type="checkbox"/>	Digging force with bucket cylinder shall be at least 14,801 lb with 24" bucket.
13	yes <input type="checkbox"/> no <input type="checkbox"/>	The backhoe shall be equipped with a rubber bumper/linkage style boom locks to keep the backhoe from vibrating on the swing frame when in the travel position.
14	yes <input type="checkbox"/> no <input type="checkbox"/>	Unit shall be equipped with two lever pilot control for the backhoe with pattern selector and adjustable wrist rests.
15	yes <input type="checkbox"/> no <input type="checkbox"/>	The swing casting shall have dual yokes: on top and on the bottom
J Loader		
1	yes <input type="checkbox"/> no <input type="checkbox"/>	Loader bucket shall be 1.50 cu yd with reversible bolt-on cutting edge, skid plates and (2) lift holes.
2	yes <input type="checkbox"/> no <input type="checkbox"/>	Lift Capacity with 1.50 cu yd bucket at full height shall be at least 7,070 lbs.
3	yes <input type="checkbox"/> no <input type="checkbox"/>	Dump Clearance with bucket at 45 deg. shall be no less than 8 ft 9 in.
4	yes <input type="checkbox"/> no <input type="checkbox"/>	Digging depth below ground with 1.50 cu yd bucket level shall be no less than 6.2 in.
5	yes <input type="checkbox"/> no <input type="checkbox"/>	Bucket breakout force shall be no less than 10,170 lb.
6	yes <input type="checkbox"/> no <input type="checkbox"/>	The loader shall have hydraulic self-leveling and bucket-level indicator.
7	yes <input type="checkbox"/> no <input type="checkbox"/>	The loader shall have divergent loader arms for excellent visibility to the bucket
8	yes <input type="checkbox"/> no <input type="checkbox"/>	For truck loading, the loader arms will have a curved-knee design for loading into the center of the truck bed
9	yes <input type="checkbox"/> no <input type="checkbox"/>	The loader shall have a non-removable, hinged loader boom service lock.
K Warranty		
1	yes <input type="checkbox"/> no <input type="checkbox"/>	Warranty will include 12 month full machine warranty that includes parts, labor, travel time, and mileage. Warranty does not include periodic maintenance. Warranty repairs will be provided during regular working hours. If the city requests work done on an over time basis, they will pay the differential to regular time.

Specifications for 2015 4-Wheel Drive Loader Backhoe		
Compliance		
2	yes___ no___	The manufacturer's additional Extended Power Train and Hydraulics warranty shall cover parts and labor as per manufacturer's extended warranty (not travel time nor mileage) for two additional years (ie ending 36 months from delivery date) for up to 3,000 total hours on the unit.
3	yes___ no___	During the warranty period, said backhoe shall not be down more than <u>three (3) calendar days per occurrence</u> . For each day or fraction of day said backhoe is down more than (3) days, Seller shall forfeit to the City of Colstrip, as liquidated damages, \$500.00 (five hundred dollars) per day, or seller shall furnish at the end of the third day a backhoe equivalent to the City's at no additional cost to the City, and it shall remain there until the City's backhoe is repaired to the satisfaction of the City. Seller shall furnish transportation of replacement backhoe to and from the City. Contractor shall provide City with a contact number available 24 hrs/day, 7 days/week in order to report any breakdowns. Downtime shall be counted from time of first notification.
4	yes___ no___	The successful bidder shall have a parts or service representative call or stop in to the City, monthly at no additional charge to the City.
5	yes___ no___	Selling Dealer must be a Servicing Dealer
6		Location of your closest parts facility
7		List total number of certified service technicians serving the City of Colstrip

SERVICE AND WARRANTY

YES

NO

3 year or 5000 hour power train warranty Parts
book, operators manual & service manual

DELIVERY

Loader Backhoe to be bid F.O.B Colstrip, Montana. Unit is to be delivered in first class operating condition with acceptance subject to purchaser's inspection and approval.

Specify delivery date: _____

1. BID FOR 1 2015 4 WHEEL DRIVE LOADER BACKHOE WITH AN
EXTENDABLE HOE

Net Delivered Price F.O.B. Colstrip, Montana for One New 2015 4 Wheel Drive Loader Backhoe as Specified

A. Make & Model of Machine Bid _____

B. TOTAL PRICE \$ _____