



**Request for Proposal**  
**Tractor Loader Backhoe**  
**July 31, 2023**

# City of Fargo Request for Proposal

The City of Fargo is requesting proposals for (1) one Tractor Loader Backhoe. Sealed proposals will be received at [fargond.bonfirehub.com/](http://fargond.bonfirehub.com/) or the City of Fargo Auditor's Office at 225 4<sup>th</sup> Street North, Fargo, ND 58102, for the purpose of evaluating costs and operating parameters on (1) one new Tractor Loader Backhoe. Upon completion of the evaluation by the selection committee an order may be placed. Bids must be uploaded to [fargond.bonfirehub.com/](http://fargond.bonfirehub.com/) or submitted to the City of Fargo Auditor's office at 225 4<sup>th</sup> Street North, Fargo, ND 58102. **Proposals will be received until 2:00 PM on Monday, July 31, 2023.**

## Need Help?

Please contact Bonfire at [Support@GoBonfire.com](mailto:Support@GoBonfire.com) for technical questions related to your submission.

## CITY OF FARGO RIGHTS

The City reserves the right to cancel this RFP in writing or postpone the date and time for submitting proposals at any time prior to the proposal due date. The City, by this RFP, does not promise to accept the lowest cost or any other proposal and specifically reserves the right to reject any or all proposals, to waive any formal proposal requirements, to investigate the qualifications and experience of any Proposer, to reject any provisions in any proposal, to modify RFP contents, to obtain new proposals, to negotiate the requested services and contract terms with any Proposer, or to proceed to do the work otherwise.

The City hereby notifies all proposers that it will affirmatively insure that in regard to any contract entered into, pursuant to this request, minority business enterprises will be afforded full opportunity and are encouraged to submit proposals in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award. The City reserves the right to accept or reject any and all bids that is in the best interest of the City. All questions and inquiries will be addressed to:

### Operational Questions:

Darrell Sweep  
Mains and Hydrants Supervisor  
402 23 St N  
Fargo, ND 58102  
Phone (701) 476-4112  
E-Mail: [Dsweep@FargoND.Gov](mailto:Dsweep@FargoND.Gov)

### Equipment Specifications:

Tom Ganje  
Fleet Purchasing Manager  
402 23<sup>rd</sup> St N.  
Fargo, ND 58102  
(701) 241- 1460  
[Tganje@FargoND.gov](mailto:Tganje@FargoND.gov)

## GENERAL SPECIFICATION

**MODEL:** Unit shall be a new current year model.

**WARRANTY:** Shall be stated in **writing** on the form provided.

**DELIVERY:** Proposer must perform a complete pre-delivery service prior to delivery of equipment. All units are F.O.B., Fargo Central Garage.

**Proposer must state the number of days for delivery from time of order.**

**MANUALS:** One (1) complete service manual, flash drive or printed  
One (1) complete parts manual, flash drive or printed  
One (1) operator's manuals.  
One (1) training video (if available)  
One (1) complete service filter part number list

**TRAINING:** Upon delivery to end-user Proposer will provide instruction to operators on proper operation and daily maintenance.

**BIDDER:** There shall be \$500,000.00 minimum of product liability coverage by the manufacturer and minimum of \$500,000.00 liability coverage by the product installers to protect the City of Fargo. Certification shall be provided with proposal.

Preference may be given to Proposer who has a local dealer with a reasonable amount of parts inventory for the unit that has been proposed and a complete service facility. On new models or equipment not previously purchased by the City of Fargo, the selection committee may elect to have a demonstration of the models being considered.

# **Tractor Loader Backhoe Bidding Specifications**

## **1.0 INTENT**

It is the intent of this specification to provide for the purchase of (1) one new and unused Tractor Loader Backhoe to be used by the City of Fargo.

The City of Fargo has evaluated different styles of Tractor Loader Backhoes and has determined that this published specification is best suited for the City of Fargo's needs in terms of quality and features. This specification shall not be interpreted as restrictive but rather as a measure of quality and performance against which all other Tractor Loader Backhoes will be compared.

In comparing proposals, comparison will not be confined to price only. The successful proposer will be one whose product is judged as best serving the interests of the City of Fargo when price, product, quality and delivery are considered. The City of Fargo also reserves the right to reject any or all proposals or any part thereof, and to waive any minor technicalities. A contract will be awarded to the proposer submitting the lowest responsible proposal meeting the requirements.

## **2.0 EQUIVALENT PRODUCT**

Proposals will be accepted for consideration on any make or model that is equal or superior to the Tractor Loader Backhoe specified. Decisions of equivalency will be at the sole interpretation of the City of Fargo. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. An original manufacturer's brochure of the proposed product is to be submitted with proposal.

## **3.0 INTERPRETATIONS**

In order to be fair to all proposers, no oral interpretations will be given to any proposer, as to the meaning of the specification documents or any part thereof. Every request for such a consideration shall be made in writing. Based on such inquiry, the City of Fargo may choose to issue an addendum in accordance with local state laws.

## **4.0 GENERAL**

The specification herein states the minimum requirements of the City of Fargo. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The City of Fargo will consider as irregular or non-responsive any and all proposals that are not prepared and submitted in accordance with the proposal document and specification, or any proposal lacking sufficient technical literature to enable the City of Fargo to make a reasonable determination of compliance to the specification. It shall be the Proposer's responsibility to carefully examine each item of the specification. Failure to offer a completed proposal or failure to respond to each section of the technical specification (COMPLY: YES NO) will cause the proposal to be rejected without review as non-responsive. All variances exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specification will be cause for rejection.

**5.0 SPECIFICATIONS**

	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>5.1 Engine</u></b>		
1. Four cylinder, turbo charged, diesel engine, tier 4.	_____	_____
2. Under-hood engine air cleaner shall be dry type, dual element with evacuator valve, restriction sensor and in-cab restriction warning light.	_____	_____
3. Engine shall have a serpentine belt with automatic belt tensioner.	_____	_____
4. Engine will be equipped with a water in-fuel sensor.	_____	_____
5. Minimum 110 net H.P.	_____	_____
6. Pressurized oil system with spin on filters.	_____	_____
7. Engine block heater.	_____	_____
8. Daily checkpoints shall be accessible.	_____	_____
9. Minimum of 32 gallon fuel tank.	_____	_____
<b><u>5.2 Cooling System</u></b>		
1. Engine coolant shall be rated to -40 degrees.	_____	_____
2. Unit shall have an electronically- controlled, variable rate suction-type fan with guard for reduced H.P. draw, reduced fuel consumption and quieter operation.	_____	_____
3. The hydraulic and transmission circuits will be water cooled for fast winter warm-up.	_____	_____
<b><u>5.3 Transmission</u></b>		
1. The transmission shall be a hydraulically actuated power-shift with torque converter, fully synchronized (5) forward and (3) reversing speeds.	_____	_____

YES

NO

2. Single electric transmission control lever on steering column with gear selection full integrated into lever as well as forward, neutral and reverse.

\_\_\_\_\_

\_\_\_\_\_

3. Transmission oil cooler.

\_\_\_\_\_

\_\_\_\_\_

4. Driveshaft guard.

\_\_\_\_\_

\_\_\_\_\_

**5.4 Axles**

1. Front axles shall have front wheel drive assist with electronic off/on function control.

\_\_\_\_\_

\_\_\_\_\_

2. The unit shall have a differential lock, electric foot actuated as standard equipment.

\_\_\_\_\_

\_\_\_\_\_

3. Front axles shall be have remote grease bank.

\_\_\_\_\_

\_\_\_\_\_

4. The rear axle bearings shall be self-lubricating and shall not need to be greased.

\_\_\_\_\_

\_\_\_\_\_

**5.5 Brakes**

1. Brakes shall be inboard, wet-multiple disk, self-adjusting, self-equalizing and hydraulically actuated for a long trouble free life, sealed from water, mud and dust contamination.

\_\_\_\_\_

\_\_\_\_\_

2. The parking brake shall be independent of service brakes and sealed from water, mud and dust contamination.

\_\_\_\_\_

\_\_\_\_\_

**5.6 Tires**

1. Bar style tread 12.5/80-18 12 PR front tires.

\_\_\_\_\_

\_\_\_\_\_

2. Bar style tread 19.5L-24 12 PR rear tires.

\_\_\_\_\_

\_\_\_\_\_

YES

NO

**5.6 Hydraulic System**

- |   |       |       |
|---|-------|-------|
| 1. Hydraulic cooler will have an independent reservoir for continuous running of attachments at high ambient outside air temperature. | _____ | _____ |
| 2. Machine shall be equipped with Auto idle to lower RPM when hydraulics are not active to conserve fuel and reduce noise level.      | _____ | _____ |
| 3. The hydraulic filter shall be vertically mounted, spin on design.  | _____ | _____ |
| 4. Hydraulic pump shall be a minimum of 40 gpm at 2,000rpm.   | _____ | _____ |
| 5. Unit shall have an open center hydraulic system for all hydraulic controls.  | _____ | _____ |
| 6. Gear pump.   | _____ | _____ |
| 7. Automatic return to dig control.   | _____ | _____ |

**5.7 Electrical System**

- |   |       |       |
|---|-------|-------|
| 1. Unit shall have dual maintenance free batteries, battery disconnect and jump post.                       | _____ | _____ |
| 2. Cab will be prewired for radio install.  | _____ | _____ |
| 3. Unit shall have LED lighting package.  | _____ | _____ |
| 4. Unit shall be equipped with (2) front and (2) rear turn signal and flashing lights.                      | _____ | _____ |
| 5. Unit shall be equipped with (2) rear stop and tail lights.   | _____ | _____ |
| 6. Unit shall be equipped with LED driving and working lights. (4) front, (4) rear, (2) side, and (2) boom. | _____ | _____ |

YES

NO

- 7. Heavy duty LED, 360 degree, flashing light with a clear lens mounted on cab. Federal signal part #454201 or approved equal. (Strobe on/off function will be controlled inside cab).

\_\_\_\_\_

\_\_\_\_\_

**5.8 Cab and Operator Compartment**

- 1. Unit shall be equipped with isolation mounted modular design ROPS and FOPS canopy and molded roof.
- 2. Access to the cab shall be from right and left sides with protected, wide, rigid, slip-resistant steps and ergonomically located hand holds.
- 3. Cab shall have dual doors, safety glass, headliner, dome light and windshield wipers front and back.
- 4. Unit shall be equipment with heater, defroster and air conditioner.
- 5. AM/FM/Bluetooth weather band radio.
- 6. The seat shall be fabric, air suspension, heated with lumbar support and arm rest.
- 7. Unit shall have tilt steering wheel, coat hook, built in beverage holder, operator manual storage compartment, interior front and rearview mirror, and (2) 12 volt outlets.
- 8. Unit shall be equipped with illuminated electronic gauges with audible warning for: engine coolant temperature, oil temperature, and low fuel level.
- 9. The monitoring system shall have audible and visual warning for engine air restriction, low alternator voltage, engine oil pressure, hydraulic filter restriction, parking brake on/off, low break pressure.
- 10. Unit will have sealed switch module for easy location of controls on right hand console.

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- |  | <u>YES</u> | <u>NO</u> |
|--|------------|-----------|
| 11. Unit shall have digital display for engine RPM, engine hours, system voltage and hydraulic oil temperature.        | _____      | _____     |
| 12. The machine will be available with optional factory installed pilot backhoe controls with integral pattern select. | _____      | _____     |

**5.9 Backhoe with Extendable Dipperstick.**

- |  |       |       |
|--|-------|-------|
| 1. The overall reach with dipperstick extended shall have a minimum digging depth of 18.0 feet.                            | _____ | _____ |
| 2. Curved boom for ease of working in confined spaces.   | _____ | _____ |
| 3. Digging force with standard backhoe, bucket cylinder shall be at least 14,000 lbs.                                      | _____ | _____ |
| 4. The backhoe shall be equipped with a rubber bumper style boom lock to keep backhoe from vibrating on the swing frame.   | _____ | _____ |
| 5. The backhoe shall have a swing lock pin.  | _____ | _____ |
| 6. The stabilizer valve will be two directional, anti-drift.   | _____ | _____ |
| 7. The stabilizers shall have reversible pads.   | _____ | _____ |
| 8. Auxiliary backhoe valve with 1 and 2 way flow.  | _____ | _____ |
| 9. Rear hydraulic attachment coupler for switching attachments. (Must be compatible with most make/model of buckets).      | _____ | _____ |
| 10. Backhoe shall have a heavy duty 24" bucket with removable teeth.   | _____ | _____ |
| 11. The machine shall be available with factory installed pilot backhoe/excavator controls with pattern selection feature. | _____ | _____ |
| 12. Unit shall have optional pilot joystick controls.  | _____ | _____ |

YES

NO

**6.0 Front End Loader**

- |   |       |       |
|---|-------|-------|
| 1. Unit shall have a heavy duty bucket with a minimum capacity of 1.25 cubic yards.                         | _____ | _____ |
| 2. Loader bucket shall have bolt on reversible cutting edge.  | _____ | _____ |
| 3. The loader shall have hydraulic self-leveling and bucket level indicator.                                | _____ | _____ |
| 4. For truck loading, the loader arms will have a curved-knee for loading into the center of the truck bed. | _____ | _____ |
| 5. Loader shall have a single cylinder and linkages for tilt and curl on bucket.                            | _____ | _____ |

**6.1 General**

- |  |       |       |
|--|-------|-------|
| 1. Machine shall be equipped with an exterior mounted, ground level accessible and lockable storage box. | _____ | _____ |
| 2. Unit shall have four built in vehicle tie-downs, (2) two in front and (2) two in rear.                | _____ | _____ |
| 3. Unit shall have exterior traffic mirrors mounted on right/left side of cab.                           | _____ | _____ |

**Exceptions & Deviations**

Bidder shall fully describe every variance exception and/or deviation. List the item number here and fully explain any items in non-compliance with specification. Additional sheets may be used if required.

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**TRADE IN:**

- 2007 John Deere 310 SJ – Vin T0310SJ139913  
Unit 761 – estimated hours: 6,165

## Tractor Loader Backhoe Warranty:

Base Manufacture: \_\_\_\_\_  
\_\_\_\_\_

Engine: \_\_\_\_\_

Hydraulics: \_\_\_\_\_

OTHER: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Proposal Sheet**  
**2023 Tractor Loader Backhoe**  
City of Fargo

Company Name: \_\_\_\_\_

**Tractor Loader Backhoe**

Make: \_\_\_\_\_ Model: \_\_\_\_\_

**Trade In**

➤ Unit 761 – 2007 John Deere 310 SJ. \$ \_\_\_\_\_  
*(City of Fargo reserves the right to accept/reject trade value)*

**Total Price - less Trade In** \$ \_\_\_\_\_

**Total Price – No Trade In** \$ \_\_\_\_\_

**Optional**

3 year / 2000 hour full machine warranty: \$ \_\_\_\_\_

**Delivery Date**

Number of days for delivery from date of order: \_\_\_\_\_

\_\_\_\_\_  
*(Signature)*

\_\_\_\_\_  
*(Title)*

\_\_\_\_\_  
*(Date)*

\_\_\_\_\_  
*(Phone)*