



**Request for Proposal
Loader Mounted Snow Blower
August 2nd, 2019**

City of Fargo Request for Proposal

The City of Fargo is requesting proposals for one (1) Loader Mounted Snow Blower. Sealed proposals will be received by the City of Fargo Auditor's Office at 225 4th Street North, Fargo, ND 58102, for the purpose of evaluating costs and operating parameters on one new Loader Mounted Snow Blower. Upon completion of the evaluation by the selection committee an order may be placed. Proposals will be received until 2:00 PM on August 2nd, 2019.

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:

Street Department Operational Questions:

Ben Dow
Public Works Director
Public Works
402 23rd St. N
Fargo, ND 58102

Email: BDow@FargoND.gov
Phone: (701) 241-1453
Fax: (701) 241-8100

Equipment Specifications:

Tanner Smedshammer
Fleet Management Specialist
Public Works
402 23rd St. N
Fargo, ND 58102

Tanner.Smedshammer@FargoND.gov
(701) 241-1460
(701) 298-6971

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 and a \$150.00 per day will be accessed against the purchase price with the total not to exceed 2.5% of purchase price.

MANUALS: One (1) complete service manual, digital or printed
One (1) complete parts manual, digital or printed
One (1) operator's manuals.
One (1) training video (if available)

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 (within 50 miles). 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.

Loader Mounted Snow Blower Bidding Specifications

1.0 INTENT

It is the intent of this specification to provide for the purchase of one (1) new and unused Loader Mounted Snow Blower to be used by the Fargo Street Department.

The City of Fargo Street Department has evaluated different styles of Loader Mounted Snow Blowers and has determined that this published specification is best suited for the FSD 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 Loader Mounted Snow Blowers 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 FSD when price, product, quality and delivery are considered. The FSD 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 Loader Mounted Snow Blower specified. Decisions of equivalency will be at the sole interpretation of the FSD. 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 FSD may choose to issue an addendum in accordance with local state laws.

4.0 GENERAL

The specification herein states the minimum requirements of the FSD. All proposals must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The FSD 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 FSD 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

	<u>YES</u>	<u>NO</u>
<u>Operating Requirements</u>		
Minimum width of cut shall be 110 inches.	_____	_____
Minimum discharge rate of 2750 tons per hour.	_____	_____
Shall have the ability to cast up to 150 ft.	_____	_____
Weight shall not exceed 12,000 lb. hitch included.	_____	_____
All components to be easily accessible for maintenance and servicing.	_____	_____
All safety shields and visual graphics to ensure maximum safety.	_____	_____
The snow blower must be fitted with a JRB quick coupler to work with the current JRB quick couplers that are attached to the City of Fargo loaders.	_____	_____
<u>Blower Engine</u>		
Engine shall be a fully electronic, Diesel, six (6) cylinder engine.	_____	_____
Shall have a minimum of 350 HP and 1000 ft. /lbs. of torque. 9.0L minimum.	_____	_____
Engine shall be liquid cooled.	_____	_____
Full flow oil filter, spin on type.	_____	_____
Shall have a dry type air cleaner and will be protected from snow, ice and rain.	_____	_____
Automatic shutdown warning device shall be provided in case of low oil pressure and/or high engine coolant temperature.	_____	_____
Fuel tank capacity shall have a minimum of 70 gallons.	_____	_____
<u>Electrical System</u>		
System shall be 12 volt negative ground.	_____	_____
Full function wireless control system	_____	_____

	<u>YES</u>	<u>NO</u>
All controls shall be located in the carrier vehicle for use by the operator in the seated position and shall ensure the operator full control of the snow blower at all times with a minimum of fatigue.	_____	_____
Wireless emergency shutdown	_____	_____
If needed, respective dealer is responsible for the installation of the instrument panel in the cab of the carrier vehicle.	_____	_____
Instrument panel shall include the following:		
Oil pressure gauge		
Water temperature gauge		
Voltmeter gauge		
Fuel gauge		
Low pressure and high coolant temp warning light		
Ignition key switch		
Emergency Safety shut down push button		
Engine RPM	_____	_____
Hydraulic functions shall be controlled by electric solenoid valves and shall operate the following:		
Loading chute rotation		
Loading chute deflector closed and open		
Impeller casing rotation left or right	_____	_____
Two (2) LED working lights mounted on blower body, protected by a steel enclosure.	_____	_____
<u>Blower</u>		
Shall be able to load trucks on right side of blower	_____	_____
Shall be two stage with dual heavy duty augers.	_____	_____
Blower augers shall be flange mounted one-piece.	_____	_____
Augers shall be a minimum of 26" in diameter.	_____	_____
Main shaft to the impeller shall be equipped with two safety shear bolts readily accessible and easy to replace.	_____	_____
Blower augers shall be equipped with two safety shear bolts readily accessible and easy to replace.	_____	_____
Side skid plates shall be constructed of high quality steel.	_____	_____

	<u>YES</u>	<u>NO</u>
Blower drive shall be powered directly from the input shaft through a fully enclosed oil bath, over center type clutch. Heavy duty pinion and crown gear system that runs in an oil bath.	_____	_____
Shall have a twin disc, over-center type clutch and reduction gears directly mounted on engine flywheel housing with two solid heavy-duty fiber molded plates.	_____	_____
Clutch to be controlled and operated from the cab of the carrier vehicle.	_____	_____
Operator shall have the ability to engage clutch manually in the event of remote failure.	_____	_____
Augers must have bolt on ice cutters on auger.	_____	_____
Both augers must be dynamically balanced with balancing weights, so the augers remain permanently in balance.	_____	_____
Both augers and flighting shall be constructed of high tensile steel. Flighting shall be reinforced by a second plate for the total length.	_____	_____
Impeller shall have a minimum of five (5) easily replaceable concave blades made of high tensile steel.	_____	_____
Impeller casing shall be hydraulically operated.	_____	_____
Impeller casing shall rotate for the ability to load trucks and to cast snow up to 150 feet.	_____	_____
Total impeller casing operating range shall be a minimum of 140°	_____	_____
Scraper blade shall have multiple sections. Each section must be bolt-on, incorporating chromium carbide overlay plate. Each section can be replaceable if required.	_____	_____
<u>Loading Chute</u>		
Spot casting/loading chute must be built and designed to permit truck loading from a height of 139 in. to 157 in. Top of loading chute to be controlled by rod linkages. Each link arm must be interconnected to one another, so that the design curvature of the casting chute is kept in all configurations. Each end of the link arms must be equipped with ball and socket joints capable of being lubricated with the use of a standard grease gun.	_____	_____

	<u>YES</u>	<u>NO</u>
Chute shall have a minimum rotation of 300°.	_____	_____
Chute shall be built with AR steel.	_____	_____
Chute shall be a telescopic loading chute.	_____	_____

Miscellaneous

Unit to be thoroughly tested and ready for use from an operational standpoint prior to delivery.	_____	_____
Blower engine shall be equipped with a residential muffler.	_____	_____
It is the responsibility of the contractor to ensure all lubricants and anti-freeze are suitable for the climatic conditions in which the unit will operate.	_____	_____

Options

1. Impeller casing to be lined with chromium carbide to aid in wear.	_____	_____
2. Side skid plates to be lined of chromium carbide <i>or approved equal</i> for the entire length of the skid.	_____	_____
3. The loading chute to have incorporated a chromium carbide plate to aid in strength, wear and longevity.	_____	_____

TRADE IN

Bidder shall provide trade-in value on the following:

- Unit 603-1998 SnowGo MP3D
- Hours: 1610
- Serial Number: 3698

- 4. **Option to Purchase SnoGo Parts on hand**
-Estimated at \$19,800.00

Exceptions & Deviations

Proposer 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.

Warranty

Loader Mounted Snow Blower:

Base Manufacture:

Other Warranties that apply:

Proposal Form

Loader Mounted Snow Blower
City of Fargo — Street Department

Blower Make: _____

Model: _____

Blower Price:

\$ _____

TRADE IN

➤ Unit 603-1998 SnoGo MP3D
(City reserves right to accept/reject trade value)

\$ _____

TOTAL PRICE less TRADE IN
Loader Mounted Snow Blower w/Trade

\$ _____

Option 1-

-Chromium carbide lined impeller casing

\$ _____

Option 2-

-Chromium carbide lined skid plates

\$ _____

Option 3-

-Chromium carbide plate in loading chute

\$ _____

Option 4-

-Parts from SnoGo Trade in

\$ _____

Delivery Date

Number of days for delivery from date of order: _____

Company _____

By: _____
(Name)

(Title)