Request for Proposal
Motor Grader and Wing
October 18th, 2021

City of Fargo
Request for Proposal

The City of Fargo is requesting proposals for one (1) Motor Grader w/wing. 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 a new Motor Grader. Upon completion of the evaluation by the selection committee an order may be placed. **Proposals will be received until 2:00 PM on October 18th, 2021.**

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:

Equipment Specifications:

Ben Dow
Director of Operations
Public Works
402 23rd St. N
Fargo, ND 58102
Email: BDow@FargoND.gov
Phone: (701) 241-1463
Fax: (701) 298-6971

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, 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.

Motor Grader Bidding Specifications

1.0 INTENT
It is the intent of this specification to provide for the purchase of one (1) new and unused Motor Grader with wing to be used by the Fargo Street Department.

The City of Fargo Street Department has evaluated different styles of Motor Graders 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 Motor Graders 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 Motor Grader 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.

5.1 General	**Yes**	**No**
1. Base machine weight shall be no less than 37,500 lbs.	_____	_____
2. Tires shall be a radial 17.5 x 25 SNOPLUS or approved equal.	_____	_____
3. Machine shall be 6-wheel drive.	_____	_____
5.2 Engine		
1. The engine shall be a turbo-charged, direct injection, variable horse power diesel engine with a minimum rating no less than 185 HP.	_____	_____
2. Doors shall be provided for engine compartment to protect against airborne debris.	_____	_____
3. An engine block heater, 120volt shall be available to assist in cold weather starting.	_____	_____
4. Engine coolant shall be extended life coolant with protection to no less than -34˚F.	_____	_____
5. Engine shall have oil and fuel filters, air filter, pre cleaner and indicator.	_____	_____
5.3 Powertrain		
1. Transmission shall be a direct drive, power shift, counter shaft type with fully automatic hands free shift feature.	_____	_____
2. Machine shall be equipped with an inching pedal for improved modulation and machine control.	_____	_____
3. Transmission shall not have less than eight (8) forward speeds and not less than four (4) reverse speeds.	_____	_____
4. Differential Lock/Unlock shall be electro-hydraulically controlled and shall not have speed restrictions for engaging/disengaging.	_____	_____

5.4 Steering	**Yes**	**No**
1. Joystick Hydraulic Power Steering	_____	_____
2. Auto Articulation	_____	_____
5.5 Brakes		
1. Four wheel power brakes completely sealed.	_____	_____
2. Parking brake shall be sealed and adjustment free.	_____	_____
5.6 Hydraulic System		
1. Lock valves shall be integrated into the main implement valve to prevent cylinder drift.	_____	_____
2. Blade lift cylinders shall have independent float capability.	_____	_____
3. The machine must have enough hydraulic controls and hydraulic lines to run the following implements. 1. Snow wing mast. 2. Snow wing lift.	_____	_____
4. Hydraulic oil must have an operating temperature range between 104˚ to -40˚ F.	_____	_____
5.7 Front Axle and Tandems		
1. Front axle oscillation with left and right wheel lean.	_____	_____
2. Front and rear fenders.	_____	_____
3. The machine must be equipped with a “0” degree wheel lean bar to help eliminate any tire wear on outer edges.	_____	_____
4. Oscillating 4 wheel tandem drive, with full machine articulation having no interference between tandem wheel and machine structure.	_____	_____
5.8 Operators Station		
1. An enclosed sound suppressed cab with rollover protective structure (ROPS) with Powered Cab Air Pre-cleaner.	_____	_____

	Yes	No
2. Cab shall have a fixed front window with intermittent wiper/washer, left and right hand doors with side windows having wiper/wash and the rear window shall have an intermittent wiper/wash and sun screen.	_____	_____
3. Minimum 40,000 BTU heater and air conditioner with front and rear defrosters with independent speed control and additional circulating fans.	_____	_____
4. All standard and optional gauges as indicated in the manufacturer's literature.	_____	_____
5. Auxiliary controls shall be available for control of attachment implements and/or work tools.	_____	_____
6. Digital machine hour meter shall be provided.	_____	_____
7. AM/FM radio with auxiliary input jack and speakers.	_____	_____
8. Seat shall be a fully adjustable cloth, air suspension seat with retractable seat belts. Thigh and lumbar support shall be included.	_____	_____
9. Two (2) 12 volt sources shall be provided, one for a 2-way radio and the second for accessories.	_____	_____
10. Two (2) outside heated mirrors and one (1) inside wide angle rear view mirror.	_____	_____
11. Rear View Camera	_____	_____

5.9 Moldboard

1. A 14' long, 27" high and 1" thick moldboard shall be available with 8" X 5/8" thick cutting edges installed.	_____	_____
2. The standard mounting hardware for cutting edges and end bits shall be 5/8".	_____	_____
3. Hydraulic controlled blade side shift, tilt and blade float hydraulics.	_____	_____
4. Circle Drive Slip Clutch	_____	_____

6.0 Electrical	**Yes**	**No**
1. Starting system shall be a 24 volt direct electric type.	_____	_____
2. Machine shall have an alternator that meets the amperage requirements of the machine and added lights and accessories.	_____	_____
3. Electrical system shall have a master disconnect switch.	_____	_____
4. Headlights with front turn signals, dimmer switch for road lighting.	_____	_____
5. Stop, tail, rear turn signals, engine compartment and back up lights shall be LED.	_____	_____
6. Cab mounted low-profile LED beacon light with tree guard and switch mounted in cab. Federal Signal Highlighter 454201 or approved equal.	_____	_____
7. LED ripper work lamps, mid frame lights to illuminate moldboard, wing lamps mounted on the right hand side of cab to illuminate snow wing, and front mounted cab lights.	_____	_____
8. White Noise Back-up alarm.	_____	_____

6.1 Additional Features		
1. Adequate push block/front counterweight	_____	_____
2. Complete filter set for Motor Grader • Oil, Fuel, Air and Cab	_____	_____
3. Hydraulic Postless snow wing, 12’ blade, Falls IM3000A G2 Postless Hydraulic Wing, or equal.	_____	_____
4. Slow moving vehicle sign on rear (triangle)	_____	_____

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.

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ADDITIONAL ITEMS NOT INCLUDED IN THE BASE BID PRICE (please identify those items below and include pricing).

Additional Items not Included in Base Bid Price	Cost of Items

Warranty

Motor Grader:

Base Manufacture:

_____

_____

_____

_____

_____

_____

_____

Other Warranties that apply:

_____

_____

_____

_____

_____

_____

_____

Please provide Warranty Protection documents explaining what is covered in the Complete Machine Warranty 5 years / 5000 hours

Proposal Form

2022 Capital Motor Grader with Wing

City of Fargo — Street Department

Company _____

Grader Make: _____ Model: _____

Wing Make: _____ Model: _____

Motor Grader w/ Wing **$_____**

Option:

Complete Machine Warranty 5 years / 5000 Hours $_____

Delivery Date

Number of days for delivery from date of order: _____

By: _____

(Name) (Signature)

_____

(Title) (Phone)