

**PROPOSAL FOR  
TWO 6X4 SNOW PLOW TRUCK**

**GRAND FORKS COUNTY**

**GRAND FORKS, NORTH DAKOTA**

**BIDS DUE  
10:00 O'CLOCK A.M.,  
TUESDAY, FEBRUARY 13<sup>TH</sup> 2024**

**COUNTY BOARD MEMBERS**

- DAVID ENGEN**
- BOB ROST**
- CYNTHIA PIC**
- MARK RUSTAD**
- KIMBERLY HAGEN**

**DEBBIE NELSON.....COUNTY DIRECTOR OF FINANCE & TAX**

REQUEST FOR BIDS  
TWO 6X4 SNOW PLOW TRUCKS

By the order of the Board of County Commissioners of Grand Forks County, North Dakota, I hereby give notice that sealed bids will be received by February 13<sup>th</sup>, 2024. Bids will be publicly opened and read at 10:00 o'clock a.m. for two 6x4 Snow Plow Trucks at the County Office Building, 151 South 4<sup>th</sup> St, Grand Forks ND 58201, 6<sup>th</sup> floor. The bids will be considered at the February 20<sup>th</sup>, 2024 regularly scheduled Commission meeting.

Bids shall be submitted on bidding blanks and in accordance with the approved bidder's instructions and specifications prepared by and available at the office of the County Highway Department.

In compliance with Section 11-11-28 of the North Dakota Century Code, bids to be opened and considered must be accompanied by a bond. The bid shall be accompanied by a separate envelope, on the outside of bid, containing a bidder's bond in a sum equal to five percent of the full amount of the bid, executed by the bidder as principal and by a surety company authorized to do business in the State as a guaranty that the bidder will enter into the contract if it is awarded to him, and that he will furnish the necessary bond. A certified check shall be considered an acceptable bond.

The Board reserves the right to extend the date for receiving and opening of bids for such a period of not to exceed five days, when unforeseeable events may warrant such extension, at the discretion of the Board.

The Board reserves the right to reject any or all bids, in whole or in part, and to waive any technicalities.

Bids must be enclosed in a sealed envelope with a separate envelope for the bidder's bond, both addressed to the County Director of Finance and Tax, 151 South 4<sup>th</sup> St, Grand Forks, ND 58201, and Marked on the outside what the bid is for. Faxed bids are not acceptable.

Dated at Grand Forks, North Dakota, this 16<sup>th</sup> day of January 2024.

Nick West  
County Engineer  
Grand Forks, North Dakota

(Publish January 17, 24 &31)

(Legal Notices)

## GENERAL SPECIFICATIONS

1. Proposals may be rejected if they show any alteration of form, conditional bids, and incomplete bids or if they contain a clause in which the bidder reserves the right to accept or reject a contract awarded to him.
2. No proposal will be considered unless accompanied by a bidder's bond made out to Grand Forks County in an amount equal to five percent (5%) of the net sum bid on outright purchase. The bond shall be clearly marked in a separate envelope on the outside of the bid package. The bond will be forfeited to the County should the bidder fail to effect a contract within ten (10) days after a notice of award.
3. The unit price shall be F.O.B. Grand Forks, ND and the unit shall be assembled and ready to operate at the point of delivery.
4. The right is reserved to cancel any and all awards under this letting for the failure to make delivery within the delivery date scheduled determined by the entity.
5. The total bid price shall not include any federal excise tax or state or city sales tax for which an exemption certificate can be furnished upon request.
6. The bidder shall attach to his proposal a complete itemized list of specifications that clearly show their proposed equipment meets all the requirements.
7. The successful bidder agrees to furnish to Grand Forks County a complete set of books which shall include: parts book, operator and maintenance manual, and service manual.
8. Equipment that is bid and does not meet specifications will be automatically rejected, unless noted by bidder or specifically approved by the County. All deviations shall be clearly noted and explained.
9. Bids shall be submitted to County Director of Finance & Tax on the bid form supplied and the bidder shall comply with all conditions in the bid specifications.
10. The successful bidder will be required to provide on-the-job type training to instruct the county personnel in proper safe operation, lubrication and maintenance of the new machines purchased.

11. The bidder shall provide a full warranty for 5 years or 100,000 miles, whichever comes first, and shall be total machine warranty for the chassis only. The only items not covered by this warranty shall be consumable items. The warranty shall cover the total cost of all repairs to the entire machine including all options as ordered (parts, labor, transportation, shipping costs, and travel), to the equipment furnished including all field repairs as needed throughout the entire warranty period.
12. All service shall be capable of being performed within Grand Forks County ND or the city of East Grand Forks MN within an indoor service shop. Mileage and labor to and from the repair site shall be included in bid price for the entire warranty period.
13. The intent of these specifications is not to eliminate any prospective bidders or specific machines but rather to provide Grand Forks County with a unit that can perform all necessary job requirements to the county's satisfaction at a reasonable cost.
14. Award of contract shall be based upon the factors of best bid in the opinion of the County, may not necessarily be the lowest bid, a complete analysis and comparison of specifications, anticipated delivery date, past experience of the county with similar or related equipment, and availability of parts and local service.
15. The county board reserves the right to reject any or all bids and to waive any irregularities in the bidding and reserves the right to award the contract in the best interest of the county.
16. Multiple bids from the same manufacturer will be accepted. Each bid shall include specific machine specifications. Bidders can propose other features for consideration.

## SPECIFICATIONS TO BIDDERS

### Minimum Specifications for Two 6X4 Snow Plow Truck

**GENERAL:** The two new 6X4 snow plow trucks to be furnished shall be manufacturer's latest model and design. Bidder shall furnish descriptive literature complete with specifications of equipment bid. Any deletions, variations, or exceptions to the specifications must be explained with a letter accompanying the quote.

The chassis manufacturer shall coordinate exact configuration with dump body & plow manufacturer to ensure all components fit and work together to supply a complete workable unit. The County desires to mimic their 2019 plow trucks in function, attached are pictures for reference. With the bid submit vehicle specifications and material brochures.

**CONDITION:** New with minimum features as described below:

**CHASSIS:** Minimum 58,000 GVWR

**ENGINE:** Minimum 470 horsepower, minimum 1650 lb-ft torque, diesel engine with cold weather package (block heater). With engine compression brake with selector switch and on/off switch. Air cleaner with integral snow valve and in-cab control, with fan override switch, with fuel/water separator & heater, with minimum 100-gallon aluminum fuel tank mounted left side under cab, engine to have front hydraulic pump

**TRANSMISSION:** Full automatic, Allison 4000 RDS, 5<sup>th</sup> generation controls, close ratio, 6-speed with double overdrive, with PTO provision, includes oil level sensor, On/Off highway use, with oil cooler, with shift controls, with performance programing.

**FRONT AXLE:** Wide track, I-Beam, 18,000-lb capacity minimum, with parabolic taper leaf spring, shackle type, with shock absorbers

**REAR AXLE:** Tandem, single reduction, 40,000-lb capacity, with lube oil pump, with driver controlled locking differential in forward-rear and rear-rear, 54" axle spacing, rubber springs, Hendrickson walking beam, with transverse torque rods, rubber end bushings, with shock absorbers.

**FRONT TIRES:** 385/65R22.5, Load Range L, all terrain tread, with steel wheels

**REAR TIRES:** 11R22.5, Load Range H, all terrain tread, with steel wheels

**PAINT:** Omaha Orange

**WARRANTY:** See Section 11 of general specifications.

**CAB:** Conventional day cab, steering column shall be tilting and telescoping, with heater and air conditioning, with gauge cluster (speed, tach, air brake pressures, coolant temp, fuel & DEF , oil pressure, ambient temperature, oil temperature, oil pressure, air cleaner restriction), driver seat to be adjustable with air suspension cloth high back with integral head rest with lumbar options with dual shocks with right side arm rest, passenger seat to be non-suspension cloth with fixed back, with grab handles, exterior dual mirrors shall be pedestal power adjustable heated glass one flat glass and one convex both sides, with power windows, with power locks, with overhead molded plastic dual storage with retainer nets, radio ready, with dome lights, with cab activated and push on-off light lens, with movable padded sun visors, windshield to be heated, cab to have suspension air bag type, with instrument wing panel, with rubber fender extensions

**BUMPER:** Front steel, swept back

**FRAME EXTENSION:** Front integral 20" in front of grille with outer "C" channel reinforcement

**FRONT CROSSMEMBER:** for hydraulic pump, mounting flange to accommodate hydraulic pump

**BRAKE SYSTEM:** Air brakes, with ABS, dual system for straight truck applications, extended service drum brakes all around, air tank with drain valve with pull chain, with air dryer, with heater, air compressor capacity of 15.5 CFM or greater, tank location: one mounted under each frame rail front of rear suspension and parallel to rail

**TRAILER CONNECTIONS:** four-wheel, with hand control valve and tractor protection valve

**EXHAUST SYSTEM:** Frame mounted, right side back of cab with single vertical tail pipe, turnback type, with non-bright aluminum muffler/tail pipe guard

**ELECTRICAL SYSTEM:** 12-volt, with cigar lighter, minimum 165 amp alternator with voltage sensor & gauge, with body builder wiring to rear of frame with sealed connectors for tail/amber turn/marker/backup/accessory power/ground and sealed connector for stop/turn, with four (4) maintenance free 950 CCA batteries, tail light wiring modified for standard Lt & Rt Tail lights, separate 8.0' of extra cable wiring for Lt & Rt body mounted tail lights, with backup alarm, with auxiliary harness 3' for front head lights and turn signals for front plow applications, with trailer connection socket 7-way mounted at rear of frame fired for turn signals combined stop, battery box aluminum with plastic cover, with remote mounted jump start stud, with instrument panel auxiliary power output

**RADIO:** prepped for 2-way radio wiring with 20 amp fuse, radio AM/FM/WB/Bluetooth/USB input/3.5mm auxiliary input, MP3, apple device play, bluetooth, with minimum 4 cab speakers

**AUXILIARY SWITCHES:** for accessory control, for wiring in roof, switches in instrument panel

**HORN:** Electric style and air horn style with lanyard pull cord

**LIGHTS:** with amber clearance marker lights flush mounted on cab, with pre-trip inspection cycle all exterior lights (see electrical system)

## **DUMP BODY, HOIST AND SNOW & ICE EQUIPMENT**

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Brand name listed below for dump body, hoist & lighting is not exclusive, other brands are acceptable as an approved equal with County approval. The front plow, wing & scraper shall be Falls Plows, the hydraulics shall be Force America. Below equipment to be installed on supplied chassis. Installation shall be included in bid price.

### **DUMP BODY:**

Crysteel 15' HD select stainless steel dump body set up for Crysteel RC690 Hoist  
96" width  
34" 10 ga 201 SS with board pockets  
40" 10 ga 201 SS Front  
42" 6 panel 10 ga A1011 x10 Tailgate with air trip  
7 ga A1011 x10 Floor with western crossmemberless understructure  
Stainless steel rear post with S/T/T light cutouts  
Standard light kit  
100% stainless steel body with 7 ga 201 SS floor  
Vibco DC-3500 HD vibrator  
201 SS stationary 24" x 10 cabshield  
BTE SS fold down ladder  
LED lights ILO  
Extra light cutouts  
Mud flaps front and rear of rear axles  
7 ga sides and ends ILO

### **HOIST:**

Crysteel RC690 hoist under body hoist  
30.9-tons rated capacity  
Remote grease bank

### **HYDRAULICS:**

Force America Add-A-Fold load sensing hydraulics with MPJ-Ultra controls and SCC-5100 Slater control, seven sections, hoist, plow2X, Wing2X, Scraper and sander, Force America 6.0  
load sense pump, front engine mount  
adder for 4 stick system  
seat bracket kit  
extra valve for scraper  
45 gal behind the cab reservoir with tank mount filter add  
All necessary accessories, fittings and hoses  
Low oil indicator with light  
Stainless steel frame mounted valve enclosure  
Return line manifold, & County to supply the hydraulic oil (aircraft grade oil)

**FRONT PLOW:**

Falls 46B Quick Hitch

Falls ROX-12 reversible plow with all standard equipment and push arm for 46B hitch

With mushroom shoes & trip springs

With rubber snow deflector

Omaha Orange

**WING:**

Falls SDL postless scraper mounted hydraulic wing with all standard equipment

12' cutting edge length

With Rear lift option

Omaha Orange

**UNDERBODY SCRAPER:**

Fall IB-11A icebreaker fixed underbody scraper

11' cutting edge length

Black

**SPREADER:**

Falls 1ASD-9 SS Stainless Steel Spreader with all standard Equipment (less dual flow valve)

Poly spinner assembly and spill shields

Short hose kit & couplers

Dual side mounted manifold sander connections

**PINTLE HITCH:**

¾" pintle plate with 40T air cushion pintle, d-rings, air glad hands, 7-pin electrical, painted black

**LIGHTING:**

Whelen DOT3701D LED Linear Strobe System

SS adjustable cab shield mounts install on cabshield

Stainless steel D housing

Adder for additional white rear strobe

Hood mounts

Two Oval LED backup lights, installed in rear corners of body

LED wing and sander light

M4000 poly fender set with HD ssbrackets installed

Front LED head lights with high/low beams, turn signals, snow plow style



**PROPOSAL FOR TWO 6X4 SNOW PLOW TRUCK**

Members of the Commission:

In compliance with your request for quotes on two new 6X4 snow plow truck, we are pleased to submit the attached quotation.

The specifications included are made as part of this proposal.

Respectfully submitted by,

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**Company**

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**By**

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**Title**

**PROPOSAL FOR FURNISHING TWO NEW TANDEM SNOW PLOW TRUCK**

Bidder to furnish Grand Forks County with the following equipment conforming to the General Specifications indicated.

6 X 4 Snow Plow Truck Chassis:

MAKE \_\_\_\_\_ MODEL \_\_\_\_\_

Lump Sum Amount Bid (per each truck) \$ \_\_\_\_\_

Anticipated Delivery Date \_\_\_\_\_

Dump body, hoist and snow & ice equipment:

MAKE \_\_\_\_\_

If providing a different brand, supply a list of models numbers with spec sheets.

Lump Sum Amount Bid (per each truck) \$ \_\_\_\_\_

Anticipated Delivery Date \_\_\_\_\_

Note: Total final price listed above would be cumulative of both bids and then multiplied by two.

Example: 2019 Truck Example Pictures

