

CITY OF JAMESTOWN
102 3RD AVE SE
JAMESTOWN, NORTH DAKOTA 58401
PHONE: 701-252-5900 FAX: 701-252-5903

**ADVERTISEMENT FOR BIDS
NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY
STREET DEPARTMENT**

NOTICE IS HEREBY GIVEN, that sealed bids, for the purchase of a NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY for the City of Jamestown Street Department, will be received by the City Council of the City of Jamestown at the office of the City Administrator until 1:15 p.m., Tuesday, April 25, 2017, at which time, or as soon thereafter as possible, all bids will be opened and read publicly.

Bids must be based upon the specifications on file in the office of the City Engineer. Copies of the bid forms may be examined or obtained from the City of Jamestown website www.jamestownnd.org, click on Government, then Bids & Proposals, or upon request in the office of the City Engineer.

A bidder's bond, certified check, cashier's check, or cash, in the amount of 5% of the bid, made payable to the City of Jamestown, must be included in a **SEPARATE ENVELOPE THAT IS ATTACHED UPON THE OUTSIDE OF THE SEALED BID ENVELOPE, AND** if bidder is awarded the bid, said bidder must supply a performance bond, as indicated in the General Provisions, within ten (10) days of the award. There shall be endorsed upon the outside of the sealed envelope containing the bid the following words, "**BID FOR NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY, STREET DEPARTMENT**", and the bidder's name and business address.

The City Council of the City of Jamestown, North Dakota, reserves the right to reject any or all bids, to waive any irregularities and to hold all bids until the next regularly scheduled Council meeting.

Jeff Fuchs, City Administrator

Publish: Legal Ad – April 1 & April 8, 2017

GENERAL PROVISIONS

The unit shall be a new current manufacturer design and shall include all standard equipment unless otherwise specified.

All bids will be considered in relation to value and price. Low bid will not automatically be considered as best. Any bid may be rejected as being irregular or non-responsive due to alteration of form, if conditional or incomplete, or if the bid contains language reserving the bidders' "right" to accept or reject a contract awarded to him.

The intent of the spreader body is hydraulic operation on a chassis.

The successful bidder shall call the cab & chassis supplier with the proper cab to axle or cab to trunion length, so that the chassis and spreader body will match properly.

The cab & chassis will be delivered to the spreader body supplier by the chassis supplier. The mounting of the spreader body and a snow plow hitch shall be done by the successful spreader body bidder, and shall be done in accordance with the manufacturer's specifications.

The completed unit shall be ready for use, and shall be delivered to the City of Jamestown Street Department shop.

The City will not pay for the unit until the completed unit is delivered to the Jamestown Street Department from the spreader body supplier.

The bidder shall submit all warranty information with the spreader body bid.

One (1) complete service manual, one (1) complete parts manual and one (1) complete operator manual shall be supplied with the spreader body.

The bidder must complete the specification checklist and submit it with the spreader body bid.

There shall be endorsed upon the outside of the sealed envelope containing the bid the following words:

"BID FOR NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY, STREET DEPARTMENT"
and bidder's name and business address.

The bid bond of the successful bidder shall be held by the City as a performance bond until the successful bidder has fulfilled all its obligations. The City reserves its right to recover any losses incurred in the event the successful bidder fails to fulfill its obligations and the City shall not be limited by the amount of the bid bond provided.

SPECIFICATION CHECKLIST

NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY

MAKE _____ **MODEL** _____

- Indicate compliance with either a yes or no answer.
- A "yes" answer indicates 100% compliance with entire statement. Manufacturer's bid is allowed to meet, or exceed stated specifications, unless otherwise quantified.
- A "no" answer shall require a written explanation, in detail on a separate page, clearly referencing the relevant non-conforming item(s).

<u>SPECIFICATION</u>	<u>COMPLIANCE</u>	
GENERAL		
The spreader body shall be of the extra heavy-duty hopper-type combination self-unloading/spreader type. The spreader shall be chassis mounted on a truck to be purchased specifically for this purpose. Components of the unit shall include, steel body, discharge/feed conveyor, spinner disc, hydraulic power drive, and any other components necessary to make a complete working unit. The spreader body must be capable of discharging gravel, salt, sand, and hot mix asphalt in piles or windrows.	YES	NO
BODY		
1) All metal construction of 3/16" thickness, minimum	YES	NO
2) 7.0 cubic yard struck capacity, minimum	YES	NO
3) Length (inside) = 10', minimum	YES	NO
4) Width (top inside) = 86", minimum	YES	NO
5) Side slope = 45° for proper material flow to conveyor	YES	NO
6) 4 vertical side supports, full height. Side supports shall be tied to the inside sill. Catwalk to be included	YES	NO
CONVEYOR		
1) Width of conveyor = 30", minimum	YES	NO
2) Diamond grade type conveyor chain	YES	NO
3) Self cleaning metal drive and idler sprockets	YES	NO
4) Heavy duty idler adjustment assembly shall provide adjustment for proper conveyor chain tension	YES	NO
5) Bottom shall be 1/4", minimum, abrasion resistant steel	YES	NO
6) Removable conveyor chain shields shall protect chain links from direct load pressure of material in hopper	YES	NO
7) Full width belt type chain conveyor wiper	YES	NO
8) Metering-gate (in end gate) shall be a minimum of 250 sq. in. & shall have a "jack-type" control.	YES	NO
9) 6 to 1 spur gear drive	YES	NO
10) 2" Drive shaft	YES	NO

DISTRIBUTOR SPINNER ASSEMBLY

- | | | |
|---|-----|----|
| 1) Distributor disc = 24" dia. | YES | NO |
| 2) 7 gauge abrasion resistant steel | YES | NO |
| 3) Spread control capability of 4 to 40 feet | YES | NO |
| 4) Adjustable baffles for material spread control | YES | NO |
| 5) Spinner housing enclosed & removable w/quick disconnect on the hydraulic hoses | YES | NO |
| 6) Spinner shaft in housing with sealed bearings. | YES | NO |

MOUNTING

The bidder shall provide all necessary mounting hardware, hydraulic pump and hydraulic parts, labor, etc. in order to produce a fully operational unit for delivery.	YES	NO
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POWER DRIVE AND CONTROLS

- | | | |
|--|-----|----|
| 1) Hydraulic drive to include two geroler-type hi-torque/low-speed hydraulic motors integrally mounted to the conveyor gear cases. | YES | NO |
| 2) A heavy-duty, hi-torque hydraulic motor integrally mounted to the spinner tube assembly shall power the spinner. | YES | NO |
| 3) A dual pressure compensated variable speed control valve for truck cab installation shall provide independent speed control for both conveyor and spinner and incorporate a properly sized pressure relief valve with raising and lowering and directional reversible controls for front mounted snow plow. | YES | NO |
| 4) A replaceable cartridge-type return line filter and properly sized hydraulic oil reservoir (10 ga.) to be provided, with center baffle. 1 1/4" ball valve shall be installed in the return line near the reservoir. | YES | NO |
| 5) The hydraulic pump shall be pressure/flow compensated so as to provide oil to the load sensing circuit. Pump assembly shall have 2 screw adjustable compensators, side ports, and round keyed input shaft. The pump shall be front-end crank shaft mounted, and supported to withstand the torque exerted when under pressure. The pump shall have capacity to handle front mounted full directional snow plow. | YES | NO |
| 6) The load sensing system shall be compatible with the pump to provide on demand hydraulic power. All necessary valving shall be included with the system. | YES | NO |

REAR CONVEYOR CONTROL VALVE

To allow starting and stopping of conveyor from rear of truck. YES NO

LADDER

A ladder for access to the top of the hopper shall be mounted at the driver's side. YES NO

PAINT AND PRIMER

1) Sander Body shall be painted a safety yellow. YES NO

2) Both primer and paint shall have a heat resistance of 300° YES NO

CAB SHIELD

Steel 1/2 cab shield shall be installed to protect the truck cab. YES NO

STROBE LIGHTS

Heavy duty strobe lights (Three Lighthouse System by Whelen - DOT 3102 700 series or approved equal) shall be rear mounted with controls in the cab. YES NO

ACCESSORIES

Clearance lights and reflectors for the body only shall comply with State & Federal requirements. Mudflaps shall be included, and of anti-sail type. Operation, maintenance, and shop manuals shall be provided with the unit. YES NO

SNOW PLOW HITCH

The sander body supplier shall furnish and install on the chassis a full model 26B Falls Truck Hitch with all necessary hydraulics with quick disconnects and floor mounted dual controls for front mounted snow plow. YES NO

SNOW PLOW LIGHTS

Snow plow lights including high, low beam, turning signal, and running lights shall all be mounted on front hood area with controls in the cab. YES NO

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**NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY
STREET DEPARTMENT**

BID PROPOSAL

Bid for New Extra Heavy Duty, Hopper-Type, Self-Unloading, Spreader Body

\$ _____

Time to complete mounting upon receiving the Cab & Chassis: _____

Warranty Description _____

Dated this _____ day of _____, 2017

Company _____

By _____

Title _____ Phone: _____ Email: _____

City _____ State _____ Zip _____

NOTE:

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In an attached and separate envelope, **DO NOT FORGET** to include the bidder's bond, cashier's check, or certified check. Write **"BID FOR NEW EXTRA HEAVY DUTY, HOPPER-TYPE, SELF-UNLOADING, SPREADER BODY, STREET DEPARTMENT"** and bidder's name and business address.