

BIDDER'S PROPOSAL

FOR: Contract #23-23 - 2023 Wheel Loader Snowplow and JRB Quick coupler

TIME FOR RECEIVING QUOTES: 10:00am on Tuesday, August 1, 2023

TO: Director of Public Works
City of Platteville
P.O. Box 780
Platteville, WI 53818

PRICE QUOTE

Price Quote for One:

End Loader Snowplow \$ _____

JRB Quick Coupler \$ _____

**Less trade-in
Cat 926M Fusion Coupler** \$ _____

Less-trade-in Cat Pallet Forks \$ _____

Final Proposal \$ _____

The City of Platteville reserves the right to reject any and all quotes; to waive any informalities, or accept the quote deemed most advantageous to said City.

The undersigned understands and agrees to the conditions and specifications of this contract.

Firm Name:

Address:

Phone: _____

By: _____

(Signature)

City of Platteville

Advertisement for Quotes

Contract #23-23 – 2023 Wheel Loader Snowplow and JRB Quick coupler

City of Platteville, Wisconsin will be accepting sealed bids for the following pieces of equipment for the Street Department.

One (1) New End Loader snowplow w/ JRB Mounts

One (1) JRB quick coupler to mount on CAT 926M.

Documents may be obtained in the Office of the Director of Public Works, Municipal Building, 75 N. Bonson Street, Platteville, WI 53818, on the City of Platteville website (www.platteville.org), or via e-mail by contacting crofoot@platteville.org. To inspect trade-in vehicle, contact Nick Seng, Street Superintendent at (608)348-8828.

Sealed quotes with the envelope clearly marked indicating the item quoted will be received in the office of Public Works, Municipal Building, 75 N Bonson Street until **10:00 AM on Tuesday, August 1, 2023.**

The quotes shall be made out on the proposal forms furnished by the City of Platteville. Any alteration or extension of the form or the furnishings on it of unsolicited information may cause the quote to be declared informal and result in its being rejected.

The City of Platteville reserves the right to reject any or all quotations, to waive any informalities or to accept the proposal deemed the most advantageous to said city.

Published Dates: Platteville Journal – 7/19/2023 & 7/26/2023.

**City of Platteville
Street Department
Minimum Specs for 2023 Wheel Loader Snowplow and JRB Quick coupler**

End loader front Coupler- JRB quick coupler to mount on CAT 926M.

Trade in- CAT 926M Fusion coupler

Trade in- Cat Pallet 48" long forks adjustable to 61" wide with 926M fusion hooks

The snowblade shall have the following specs:

- Plow shall mount on CAT 926m end loader with JRB coupler
- 10' main mouldboard width
- Wings 48" deep made of CHT400 steel or better
- 48" high mouldboard
- A lifting point shall be available on the center rib for ease of loading & unloading
- Moldboard shall angle by two cylinders with a 3½" bore diameter and 20" stroke
- Moldboard shall angle 30 degrees
- Wings operated by two hydraulic cylinders per wing with a 3½" bore diameter and 7½" stroke
- Three cross-over relief valves
- Adjustable lateral floating of the blade
- Moldboard shall be fabricated by 3/16" thick steel and consist of 6 crimps at 5 degree angles allowing a smooth curve of the moldboard
- Moldboard shall also be strengthened by five ribs 3/8" thick of CHT400 steel or better
- Wings made of 1/2" heavy duty CHT400 steel or better
- Infinite wing adjustment from 0°-180°
- Soft Drive heavy duty mechanical steel trip edge on the wings. Each wing shall be able to allow the bottom 8" to trip backwards when hitting an obstacle
- Self-levelling skid shoes on the wings made of CHT400 steel or better
- Self-levelling skid shoes on the wings must have carbide inserts along the entire wing

- Each wing shall be mounted to main mouldboard by a 1¼” pin 36” long
- Baked powder paint
- Red steel markers installed on wings to increase visibility
- Snow plow must include Live Edge technology

Live Edge specs:

- Cutting edge shall be divided into 24” sections and include carbide inserts
- Cutting edge shall have rust protection
- Each cutting edge section shall float within a cutting edge holder trip system, also called Live Edge
- Live Edge holder trip system shall be manufactured by four guide plates 5/8” thick manufactured using CHT400 steel and reinforced with two steel rods 1” thick joining the four guide plates together
- Trip system shall be capable of tripping backwards 28 degrees past vertical. 48 degrees total.
- Each 24” Live Edge trip system shall consist of two compression coil springs incorporated in the mouldboard’s tubular main frame
- The trip’s coil spring shall be 3/8” wire, 3” outside diameter. 10 1/2” free length.
- The trip’s coil springs shall be guided by a ½” thick CHT400 steel plate assembly welded to the superior 1” steel rod joining the guide plates, and locked above the tubular beam by a cross style assembly
- Live Edge holder trip system shall allow cutting edge to float vertically 3” within the trip system as well as 2” horizontally
- The cutting edge shall receive down pressure by two coil springs, also called Live Edge springs
- The Live Edge springs shall be ¼” wire, 1 7/8” outside diameter. 8 1/2” free length