



19 Parnell St., PO Box 180  
Calabogie ON K0J 1H0  
613-752-2222

**TENDER NO.PW 06-2023**

**NEW ARTICULATED WHEEL LOADER**

**SUMMARY FORM:**

**New Articulated Wheel Loader**

**Make:** \_\_\_\_\_

**Model:** \_\_\_\_\_

**Year:** \_\_\_\_\_

**PRICE** \$ \_\_\_\_\_

Air Conditioning  
Tax \$ \_\_\_\_\_

HST(13%) \$ \_\_\_\_\_

**TOTAL PRICE** \$ \_\_\_\_\_

**QUOTED FOR DELIVERY TO:**

12470B Lanark Road  
Calabogie, ON K0J 1H0

**\*\*\*\*DELIVERY BY May 5, 2023**

If order cannot be delivered by this date, please specify when it will be delivered: \_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Firm Name

\_\_\_\_\_  
Authorized Signature

SEALED TENDERS on forms supplied by the Township, will be received by the undersigned until **1:00 p.m. local time on Tuesday, March 7, 2023. Tender PW 06-2023 New Articulated Wheel Loader**, must be clearly marked on the sealed envelope and addressed to:

Steven Inwood, Public Works Supervisor  
19 Parnell Street, PO Box 180  
Calabogie ON K0J 1H0

Tender forms may be obtained from the office of the Township of Greater Madawaska or on the Greater Madawaska Website <http://www.greatermadawaska.com>

Tenders will be opened on Tuesday, March 7<sup>th</sup>, 2023 at 1:05 p.m.

The lowest or any tender will not necessarily be accepted.

**For further information please contact:**

**Steven Inwood**  
**Public Works Supervisor**  
[sinwood@greatermadawaska.com](mailto:sinwood@greatermadawaska.com)  
(613)752-1442

## **SPECIFICATION & CONFIRMATION – GENERAL:**

1. Only the major details of a unit are listed. It is the supplier's responsibility to deliver a fully equipped unit, with compatible components, that will provide dependable, efficient service. Where minimums are given, the unit must meet or exceed the capacity, size and performance specified.

## **COMPLETION AND SUBMISSION OF TENDERS**

1. Township of Greater Madawaska Tender Forms must be used. The forms may be picked up at the Township Office or can be downloaded from the Township of Greater Madawaska at [www.greatermadawaska.com](http://www.greatermadawaska.com). It is the bidder's responsibility to access the Web Page and download any changes or addendums to any bid opportunity. Any bids received that do not include posted addendums and/or change notices may be rejected.
2. The Bidder shall complete all documents pertaining to this RFT in ink or in type.
3. Bids may not be considered if the product on which a price is submitted does not meet all of the requirements of the specification.
4. The Township of Greater Madawaska will accept tenders until 1:00 p.m., Tuesday, March 7, 2023.
5. Failure to fully complete the Tender Form and Specifications may render the Tender unacceptable.
6. The Tender Price shall be firm on delivery and any price escalation clause shall render the Tender unacceptable.
7. The Township shall have the right to reject any or all tenders.
8. Deposit or agreement to bond is not required for this RFT.
9. WSIB Certificate of Clearance is not required for this RFT.
10. The Township shall issue a letter to the successful Bidder to indicate acceptance of the Tender.
11. Insurance is not a requirement for this Contract.
12. The Bidder shall specify the delivery date of the new equipment within the Tender Form for this contract.
13. If the Township of Greater Madawaska grants the Bidder an extension of time, the Bidder shall complete the work or provide the equipment by the revised specified time for completion/delivery, with no extra cost to the Township.
14. The price quoted shall be in Canadian funds and shall include all duty, custom clearances and

all other charges.

15. Prices quoted shall remain firm for the period of the Agreement.

16. Payment will be made after delivery and satisfactory acceptance of the equipment.

### **Tax Status**

The Harmonized Sales Tax (HST) shall be extra to the unit prices quoted.

Air conditioning Tax (if required) shall be extra to the unit prices quoted.

### **Accessibility**

The Township is committed to the accessibility principles of preventing and removing barriers in accessing goods and services to people with disabilities and is bound by the Standards under the Accessibility for Ontarians with Disabilities Act, 2005 as may be amended from time to time.

Pursuant to Section 6 of Ontario Regulation 429/07 ("Regulation"), Accessibility Standards for Customer Service made under the *Accessibility for Ontarians with Disabilities Act, 2005*, the Bidder, i.e. successful bidder/proponent, shall ensure that all of its employees, agents, volunteers, or others for whom it is at law responsible, receive training about the provision of the goods and services contemplated herein to persons with disabilities. Such training shall be provided in accordance with Section 6 of the Regulation and shall include, without limitation, a review of the purposes of the Act and the requirements of the Regulation, as well as instruction regarding all matters set out in Section 6 of the Regulation.

**TENDER FORM**

**Bidder Information**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City/Province/Postal Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

BID DOCUMENT NAME: New Articulated Wheel Loader

BID DOCUMENT NUMBER: PW 06-2023

1. I/We have reviewed all terms and conditions of all forms included as part of this bid package.
2. I/We have read and understand all of the terms and conditions of the forms included as part of this bid package.
3. I/We understand that if our bid is successful, all requirements of the successful bidder as outlined in this document will be completed by the time and in the format required.

Date at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2023.

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Signature of Authorized Person

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Position

Item No.	Spec. No.	Description	Unit	Quantity	Amount
1	SP-1	New Articulated Wheel Loader	Lump Sum	1	\$
				SUB TOTAL	\$
				PLUS HST (13%)	\$
				PLUS AIR CONDITIONING TAX	\$
				<b>TOTAL TENDER PRICE</b>	\$

**\*\*Delivery Date, no later than:** \_\_\_\_\_, 2023

**Serviceability**

The bidder shall provide their parts and/or service agency location, contact(s) as well as applicable telephone numbers.

The service agency shall be capable of performing all required service & maintenance tasks (routine or unforeseen). The service agency provided shall have at their disposal a “satellite” sub-contracting contact for possible service & maintenance work to be performed on behalf of the manufacturer/supplier.

	Company Name	Location	Contact Name	Phone Number
<b>Parts</b>				
<b>Service</b>				

**References**

The Bidder shall provide references for three (3) municipalities or private companies that are utilizing the quoted Wheel Loader.

Municipality/Company Name	Equipment Make/Model	Year	Contact Name	Phone Number

## SPECIAL PROVISIONS

### New Articulated Wheel Loader

The completed unit shall be delivered F.O.B to the Township of Greater Madawaska, Calabogie Yard at 12470B Lanark Road, Calabogie, Ontario..

The unit must be a new 2023 or 2024 standard production model and must comply with all Federal and Provincial Legislation in effect, at the time of delivery.

Bidder shall include with the Tender a complete list of specifications and features that are included with the quoted unit.

The complete unit shall be delivered to the Township by an authorized representative of the manufacturer/supplier.

Upon delivery of the complete unit, adequate time shall be spent with the Township to train and review any pertinent operational and maintenance specifications. The training and review shall be carried out/performed by a qualified representative of the manufacturer. Seven (7) Township staff members, to be onsite for training/review.

**A paper copy of parts list and service manual shall be delivered with the unit. Payment will not be made until receipt of these documents.**

<p><b><u>Year, Make &amp; Model</u></b></p> <p>Specify the year, make and model of the unit being quoted.</p>	<p>Year: _____</p> <p>Make: _____</p> <p>Model: _____</p>
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Acknowledge each item of the specifications by indicating **YES or No** in the Bidder’s Response column to confirm compliance with the specifications if no details are required, OR a description to indicate any deviation of item being bid from the specifications. Any deviations from these specifications which, in the opinion of the Township do not affect the overall requirements of the unit may be considered. **Leave no blanks.** Tenders submitted without full details may be rejected as informal.

SPECIFICATION SUMMARY	BIDDER RESPONSE
S.A.E. Heaped Bucket capacity 2.8 cu. yd. (2.1 cu.m)	Specify:
Operating weight 29,000 lbs. (13,180kg.) min.	Specify:
Loader payload shall be minimum 9,000 lbs	Specify:
Engine, diesel turbocharged 160 net HP minimum	Specify:
Transmission – 4F, 3R - torque converter power shift	
Front/Rear axle with Hydraulic Differential Lock	
Dump Clearance 45 Degree Full Height 104” minimum	Specify:
Hydraulic Loader Coupler	



DETAILED SPECIFICATIONS	BIDDER RESPONSE
<b>GENERAL SPECIFICATION</b>	
This unit shall be supplied with all standard equipment plus all other equipment required by this specification (specification sheet to be submitted with bid documents)	
This loader is to be supplied without wheel weights, hydro-inflation or non-standard counterweights	
<b>ENGINE:</b>	
Diesel powered, 160 net flywheel H.P. minimum, within governed R.P.M. range	
Net torque 485 lb-ft @1600 RPM minimum	
Displacement – 6.5 litre minimum,	
Engine shall meet the required emission standard	Specify:
4 stroke wet sleeve engine	
Cylinder sleeves shall be removable	
Turbocharged and charge air cooled	
<b>ENGINE EQUIPMENT:</b>	
Two stage dry air filter with a dirt ejector and restriction indicator visible from the cab shall be supplied.	
Minimum engine oil drain interval of 500 hours	
Battery - two 12 volt batteries with Rating: minimum reserve capacity of 200 minutes, and 950 CCA each.	
Alternator 80 amp. minimum.	
Fuel Filter and water separator - shall be supplied	
Engine coolant temperature gauge	
Transmission oil temperature gauge	
Hydraulic Oil temperature gauge	
Engine Oil pressure gauge	
Speedometer	
Tachometer	
Odometer	
Hour meter	
Monitor system with audible and visual warnings for all other functions.	
Proportionally controlled, hydraulically driven swing out fan with safety guard	
Unit will have 2-sided access to all coolers	
Engine equipped with ether cold start aid (glow plugs are an acceptable alternative), and block heater for easy cold weather starting	
Pressurized liquid cooling system with thermostat and coolant recovery bottle. Anti-freeze -35 degrees F shall be supplied.	
Engine Coolant heater to be supplied and installed.	

DETAILED SPECIFICATIONS	BIDDER RESPONSE
<b>WEIGHT:</b>	

Operating weight – 29,000 lbs. (13,180 kg.) minimum with ROPS cab and equipment specified. No non-standard counterweights and no ballast in tires	
<b>TRANSMISSION:</b>	
The transmission shall have four speeds forward and three reverse speeds minimum.	
Transmission shall be a power shift unit and shall incorporate a torque converter.	
Transmission oil cooler as standard equipment	
Machine shall have a forward/neutral/reverse switch standard on the loader control joystick preferred	
Transmission shall have an auto shift mode.	
Quick shift button on loader joystick with two selectable modes	
Transmission Clutch Disconnect feature with three selectable modes	
<b>AXLES:</b>	
Front and rear axle shall have a hydraulically actuated locking differential	
Rear axle shall not have less than 24 degrees of total oscillation, stop to stop when equipped with 20.5-25 tires	
<b>HYDRAULIC SYSTEM</b>	
Shall be a Pressure Compensating Load Sensing hydraulic system	
Ride control to be supplied	
Height kickout and return to carry	
Machine shall have an electronic pilot shut off that disables implement functions	
Hydraulic fittings shall be O-ring face seal type	
Machine shall be equipped with a heavy-duty hydraulic oil cooler	
Hydraulic pump or pumps shall have a combined rating of not less than 50GPM (189 L/m) for continuous operation	
Auxiliary hydraulic functions shall be provided. A separate lever for the 3rd function to be located next to main loader control joystick	
<b>STEERING:</b>	
Full shock resistant power steering	
Bucket clearance circle of 39' 0" (11.89 m) maximum	
Steering articulation angle shall be no less than 40 degrees in each direction	
Tilt steering wheel shall be provided	
<b>DETAILED SPECIFICATIONS</b>	<b>BIDDER RESPONSE</b>
<b>BRAKES:</b>	
All hydraulic wet disc service brakes, self-adjusting and self-equalizing shall be supplied.	

Parking brake supplied, shall be independent of service brakes, engage automatically when engine shuts down and neutralize the transmission.	
Parking/secondary brake shall be of sufficient design to hold the weight of the machine on a slope.	
Parking brake shall have indicator light and audible warning when engaged	
All brakes must conform to SAE J1473 specification.	
<b>TIRES:</b>	
Tires shall be 20.5 R25 VJT Bridgestone radial tires (or approved equivalent) with multi-piece rims	
Loader shall be equipped with full coverage front and rear fenders to reduce splash up	
<b>FRAME:</b>	
Loader frame shall be of a 4-vertical plate design with plates extending from boom pivot pins reaching to the front axle to distribute boom loads on the axle	
Loader shall have a quick coupler system which is hydraulically actuated from the cab	
Machine shall be equipped with an exterior mounted ground level storage compartment	
<b>CAB:</b>	
An enclosed weather-proof deluxe steel cab with side openings for easy access to the driver's seat shall be provided	
All windows shall be tinted safety glass	
Sound suppression with maximum dBa rating of 76 dBa	
A certified roll over protective structure shall be incorporated into the cab.	
Seat shall be a deluxe cloth, fully adjustable, air suspension type with lumbar support and adjustable arm rests	
3" retractable seat belt shall be supplied.	
Horn easily accessible by operator	
Heater - a cab heater, pressurizer ensuring operator's comfort at various outside temperatures.	
Factory installed Air Conditioning	
In cab fire extinguisher supplied and installed with mounting hardware	
<b>DETAILED SPECIFICATIONS</b>	<b>BIDDER RESPONSE</b>
Cab intake air shall be filtered	
Cab interior re-circulation air shall be filtered	
Front and rear intermittent wipers + washers shall be supplied	
AM/FM radio	
Large rear-view mirror mounted internally shall be supplied.	

Large R.H + L.H. Mirrors shall be supplied	
Grab bars – unit shall have 3-point contact at all times at the front and rear of the loader and around the roof line.	
The cab shall have continuous and unobstructed glass from roof line to floor for forward visibility in tight quarters	
Cab shall have cup holder, storage, compartment for operator's manual, and rubber floor mat	
<b>LOADER BUCKET:</b>	
Quick attach bucket and quick attach fork (Hydraulic slide fork)	
2.8 cubic yard (min.) general purpose bucket compatible with loader hydraulic coupler system provided	
Bucket shall have bolt on replaceable edges and built in replaceable heel wear plates for extended bucket life.	
Bucket width shall be adequate to clear the front tires for stock piling	
<b>LOADER OPERATING CAPACITY:</b>	
Loader payload shall be minimum 9,000 lbs	
Fully articulated tipping load at full reach shall be minimum 17,388 lbs (7890 kg)	
Bidder to specify straight tipping load with specified bucket attachment	Specify:
Bidder to specify minimum breakout force in pounds	Specify:
Dump clearance, 45 degree, full height shall be 104" minimum with specified bucket.	
Dump reach at full height shall be 40" minimum.	
<b>ACCESSORY ATTACHMENTS</b>	
Bidder shall specify if supplied quick connect loader is compatible with EDF quick connect attachments	
<b>LOADER CONTROLS:</b>	
Machine shall be equipped with a single joystick pilot controller with forward/neutral/reverse transmission shift switch	
An automatic bucket leveler, return to dig and float position shall be supplied.	
Unit shall be equipped with selectable 'return to carry' and 'boom height kickout' modes	
<b>DETAILED SPECIFICATIONS</b>	<b>BIDDER RESPONSE</b>
<b>PAINT:</b>	
Manufacturer's standard colour.	
<b>BACK UP ALARM:</b>	
To operate automatically when machine is operated in reverse.	

<b>OPERATING INSTRUCTION:</b>	
An operator's manual shall be supplied with each unit.	
Provision for storage of operator's manual inside the cab	
<b>LIGHTS:</b>	
Two LED driving lights with guards	
Four LED work lights, two front and two rear	
Two rear LED stop and tail lights,	
Two front and two rear LED turn signal lights, and two rear reflector	
LED Amber roof mounted strobe to be mounted for visibility from front and rear (single beacon with blue/amber combination)	
<b>WARRANTY:</b>	
State Dealer standard warranty	Specify:
A signed, statement of warranty coverage must be supplied.	
<b>PRODUCT SUPPORT:</b>	
Parts list and service manual shall be supplied in paper copy with no exceptions.	

**Bidder's Comments:** \_\_\_\_\_

\_\_\_\_\_