

## **REQUEST FOR QUOTATION**

**New wheel loader 3.0 cubic yards**

**Quote No.**

**2024-011**

**Bid Closing: January 31<sup>st</sup>, 2024**

**Joie de vivre**



[www.westnipissingouest.ca](http://www.westnipissingouest.ca)



**MUNICIPALITY OF WEST NIPISSING**  
**New wheel loader 3.0 cubic yards**

**SECTION 1.0**  
**INSTRUCTION TO BIDDERS**

**INVITATION TO QUOTE**

The Municipality of West Nipissing is seeking to purchase one (1) new wheel loader 3.0 cubic yards.

**Owner:** Municipality of West Nipissing  
101-225, Holditch Street  
Sturgeon Falls, On P2B 1T1  
Phone: 705-753-2250  
Fax: 705-753-3950



**MUNICIPALITY OF WEST NIPISSING**  
**New wheel loader 3.0 cubic yards**

**SECTION 1.0**  
**INSTRUCTION TO BIDDERS**

**BID SUBMISSION**

- 1.0)** Bid documents must be returned in a sealed envelope clearly marked “ New wheel loader 3.0 cubic yards” complete with bidder’s Company name and Quotation reference number to Shawn Remillard, Municipality of West Nipissing, 101-225 Holditch Street, Sturgeon Falls, Ontario P2B 1T1, before 11:00am (local time) on January 31, 2024 (the “Official Closing Time”).
- 1.1)** Bids will be deemed to have been received when a Municipality representative has stamped the envelope with the time and date of receipt with the time clock located at the Services counter. The time clock located at the services counter is the official time piece. Bids not received at the Services counter will not be considered.
- 1.2)** Bids submitted by facsimile or electronically will not be considered.
- 1.3)** All pages contained in the bid documents form an integral part of this bid.
- 1.4)** Section 3.0 must be completed and submitted in the format provided.
- 1.5)** The lowest or any bid will not necessarily be accepted. The owner may decide, at its sole discretion, that no bid submitted will be accepted and no contract will be awarded pursuant to this bid process. If the owner elects to reject all bids, all bidders will be notified and the owner will not be liable to any bidder in preparing the bid, damages, loss of anticipated profit in connection with the work, or any matter whatsoever.
- 1.6)** Bidders are required to check the Municipality of West Nipissing website for addenda issued before the closing date and time. If the contract administrator determines that an amendment is required to the bid documents, the contract administrator will prepare an addenda and post it to the Municipality of West Nipissing website.
- 1.7)** Partial or incomplete bids will not be considered.
- 1.8)** In case of a corporation that has a corporate seal, the corporate seal shall be affixed to the bid form.

**QUESTIONS AND CLARIFICATIONS**

- 2.0)** Enquiries, request for explanation, interpretations or clarifications must be submitted by email to [sremillard@westnipissing.ca](mailto:sremillard@westnipissing.ca). Only those inquiries submitted by email will be considered. Emails submitted must include the quotation title and quotation reference number.
- 2.1)** Enquiries will be received up to noon local time on January 18<sup>th</sup>, 2024. Enquiries received after the date and time noted will not receive a response.

**BID OPENING**

- 3.0)** Bids will be opened privately.
- 3.1)** Bid received after the official closing time is considered LATE, and will not be accepted and will be returned unopened to the bidder.

**ADJUSTMENT OR WITHDRAWAL OF BIDS**

- 4.0)** Adjustment by telephone, facsimile or letter for a bid already received will not be considered. A bidder desiring to make adjustment to a bid must withdraw the submission and/or supersede it with another offer.
- 4.1)** Bidders may withdraw its bid at any time prior to closing provided the withdrawal:
- i) is in the form of a letter and,
  - ii) state the name of the bidder and clearly identifies the bid that is being withdrawn and;
  - iii) is signed by the bidder's duly authorized signing officer;

**BID DOCUMENT DISCREPENCIES AND OMISSION**

- 5.0)** Bidders are responsible to review the bid documents and to verify they are complete. If the bidder finds discrepancies or omissions from the drawings, specifications and other documents, the bidder should submit a written request for correction to the contract administrator. Any required correction, addition, deletion or revision to the bid documents will be by written addenda to the bid documents issued by the contract administrator by posting to the Municipality of West Nipissing website.



**MUNICIPALITY OF WEST NIPISSING**  
**New wheel loader 3.0 cubic yards**

**SECTION 1.0**  
**INSTRUCTION TO BIDDERS**

**REQUEST OF APPROVED EQUALS AND ALTERNATIVES**

- 6.0)** Request for equals to the material, equipment or methods of fabrications specified, should be submitted in writing to the contract administrator. These requests should contain pertinent data such as specifications, construction and operational characteristics, cost savings etc. in order to assist the contract administrator in his decision. Approvals for equals will be in the form of addenda. The contract administrator is not obligated to review and approve equals prior to the bid closing time.

**GENERAL INFORMATION FOR BIDDERS**

- 7.0)** The specification describes a 3 cubic yard wheeled loader. The units will be used for loading sand and gravel in the summer, winter sand and snow plowing in the winter.
- 7.1)** Municipality's quote form and specification form must be used.
- 7.2)** Dealer must have a service facility within approximately 100 kilometers of municipal yard.



**MUNICIPALITY OF WEST NIPISSING**  
**New wheel loader 3.0 cubic yards**

**SECTION 2.0**  
**QUOTE FORM**

**QUOTE FORM: New wheel loader 3.0 cubic yards**

- 1.1)** I/we recognize the right of the owner to reject any and all bids for any reason without explanation and that the lowest bid may not necessarily be accepted. Delivery date will be considered.
- 1.2)** I/we understand that my/our bid will be subject to rejection unless it is prepared in strict accordance with all the requirements of the bid documents.
- 1.3)** All pricing shall be in Canadian funds, all applicable taxes included with the exception of HST which will be considered as extra to the cost
- 1.4)** I/we hereby acknowledge receipt of the following addenda \_\_\_\_ to \_\_\_\_ forming part of the bid documents **(If none have been received, write the word none)**
- 1.5)** Bids shall be irrevocable and shall remain open for acceptance by the owner for a period of 60 calendar days from closing.
- 1.6)** If a discrepancy is found in the bid form between the unit price and the total amount, the unit prices shall be considered as representing the intention of the bid.



**MUNICIPALITY OF WEST NIPISSING**  
**New wheel loader 3.0 cubic yards**

**SECTION 2.0**  
**QUOTE FORM**

**FORM OF QUOTE**

Having carefully examined the specifications as well as the quote document including all addenda and instruction to bidders, I/we, the undersigned, hereby offer to furnish the specified equipment, expeditiously and in the satisfactory manner and accept in full payment the stipulated sum of:

**Item A: New wheel loader 3.0 cubic yards**

Make \_\_\_\_\_

Model \_\_\_\_\_

Year \_\_\_\_\_ \$ \_\_\_\_\_

**Item C – 2012 Case wheel loader trade in (optional)**

Make - CASE

Model - 621 \_\_\_\_\_ \$ - ( \_\_\_\_\_ )

**Total Item A - B** \$ \_\_\_\_\_

**Additional Fees/Tax**

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

**HST** \$ \_\_\_\_\_

**Total Price for Delivery to Municipality of West Nipissing** \$ \_\_\_\_\_

**Provisional Item Price - spare matching wheel and tire** \$ \_\_\_\_\_

**Delivery Time (after date of award):** \_\_\_\_\_ **Days after award notification**

Delivery date is of the essence, should you be the successful bidder on this RFQ, the Municipality of West Nipissing will deduct \$100 from the invoiced price for every calendar day this delivery is late for any reason based on the above delivery date.



**MUNICIPALITY OF WEST NIPISSING**  
**New wheel loader 3.0 cubic yards**

**SECTION 2.0**  
**QUOTE FORM**

**Signatures:**

Vendor full business name:

---

---

Vendor full business mailing address:

---

---

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_

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

Signature: \_\_\_\_\_

*I have the authority to bind this company/corporation*

NAME: \_\_\_\_\_ (Please Print)

TITLE: \_\_\_\_\_ (Please Print)

Dated at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2024

CORPORATE SEAL:



**MUNICIPALITY OF WEST NIPISSING**  
**RFQ New wheel loader 3.0 cubic yards**

**SECTION 3.0**  
**SPECIFICATIONS**

Model year equipment – all quotes are for new 2023 or 2024 model year equipment only. A new vehicle is considered as one having an hour meter reading of 100 hours or less.

	YES	NO
<b>Basic Specifications</b>		
Engine rated net power shall be at least 160 hp (120 kW) according to ISO 9249 at 1800 RPM.		
Machine wheelbase length shall be minimum 9'6" (2900 mm).		
Machine height shall be 10'11" (3330 mm)		
Machine bucket clearance at maximum lift and level bucket shall be 11'11" (3641mm)		
Machine bucket pin height shall be 13'0" (3969 mm)		
Machine operating weight 30,000 lbs. (13,600 kg) If No specify: _____		
<b>Linkage / Bucket / Coupler</b>		
Must be equipped with ACS style quick coupler to pick up existing Municipal owned attachments		
Minimum 3.0 CYD General Purpose bucket with bolt-on, reversible cutting edges		
Must be equipped with provisions to operate existing Municipally owned snow blade.		
<b>Engine</b>		
Engine shall be manufactured by the equipment manufacturer.		
Engine shall be US EPA Tier 4 Final / EU Stage V compliant and Tier 4 final compliance certificate shall be available upon request.		
Engine aftertreatment shall be equipped with a system that uses, Exhaust Gas Recirculation (EGR), a Diesel Oxidation Catalyst (DOC), a Diesel Particulate Filter (DPF) and Selected Catalytic Reduction (SCR)		
DPF service Life shall extend to the life of the engine		
Engine aftertreatment system shall use Diesel Exhaust Fluid (DEF) to meet emission requirements		
DEF tank shall be located away from the diesel fuel tank to prevent fluid mix up		
Machine shall allow DEF fluid to be purged automatically even when the machine power disconnect key is switched to the OFF position.		
Regeneration shall be passive and not require any input from operator or disrupt work.		
Engine shall be minimum 6.6 L six-cylinder, with electronically controlled fuel injection for precise timing.		
Engine shall be direct injection turbocharged with waste gate turbocharger for reliability, durability and performance.		
Engine shall have a high-pressure common rail fuel system with an oil lubricated fuel pump.		
Machine shall be standard with two 1000 CCA (minimum capacity) maintenance free batteries mounted in bolt-on battery boxes.		
Engine shall have the capability to operate in multiple modes based on operator choice. Full Power and Engine speed, or reduced power and engine speed, to save fuel.		
Machine shall have cold start package which has 2 -1000 CCA batteries for easy cold weather starting		

**MUNICIPALITY OF WEST NIPISSING**  
**RFQ New wheel loader 3.0 cubic yards**

**SECTION 3.0**  
**SPECIFICATIONS**

	YES	NO
Machine shall have engine block heater		
Automatic Electronic Fuel priming pump and fuel/water separator shall be standard. Fuel filters should be replaced as dry and primed automatically to minimize fuel contamination.		
Easily accessible ground level Emergency Engine Shutdown switch shall be standard.		
Machine shall have automatic idle engine shutdown feature as standard.		
Machine shall have a standard 115 amp alternator and optional 150 amp Heavy Duty brushless and filtered alternator		
Machine shall have a standard backup alarm.		
Machine shall have a standard master battery disconnect switch.		
Machine shall use an air-to-air-aftercooler (ATAAC).		
Machine shall use gear driven water and oil pumps.		
Machine ECM shall automatically de-rate the engine for protection during overheating.		
Engine and cooling compartments shall be completely separated.		
<b>Power Train/Transmission</b>		
Machine shall have a forward/neutral/reverse switch standard on the implement control joystick.		
Machine shall have four forward and four reverse speed ranges with a maximum speed of 25 mph (40 kph).		
Machine shall have ground accessible ports to sample engine and transmission oil.		
Machine shall have transmission oil sight gauge and fill spout on the same side of the machine.		
Machine shall have independent control for ground speed and engine RPM		
Machine shall have operator-selectable Rim Pull Control feature to minimize tire slip and wear in various ground conditions		
<b>Steering</b>		
Steering articulation angle shall be 40°.		
Machine shall have two steering cylinders with a bore of minimum 3.0".		
Steering cycle time from full left to right or full right to left at maximum RPM shall be less than 3.5 sec		
High impact rubber steering stops shall be standard.		
Steering console shall be adjustable including tilting and telescoping steering column		
<b>Brakes</b>		
Service brake shall feature completely closed and sealed standard outboard oil-immersed disc brakes on front and rear axles that are adjustment free.		
Audible alarm and Indicator light shall alert operator if brake pressure drops below normal operating parameters.		
Machine shall have continually charged nitrogen accumulators to provide stopping capability after loss of engine power.		

**MUNICIPALITY OF WEST NIPISSING**  
**RFQ New wheel loader 3.0 cubic yards**

**SECTION 3.0**  
**SPECIFICATIONS**

	YES	NO
Machine shall feature an electronic park brake switch mounted in operator station on instrument panel.		
Single floor mounted pedal shall function as ground speed control and a brake so the operator can maintain high engine rpm for full hydraulic flow and fast cycle times.		
<b>Hydraulic System</b>		
Minimum hydraulic output at 1800 engine RPM shall be 55 gal/min (200 L/min).		
Machine shall have 3rd function hydraulics for use with work tools that require hydraulic power		
Machine shall have an adjustable 3rd function flow feature allowing flow adjustability from 20% to 100% of maximum as standard.		
Hydraulic implement system shall detect when the lift and tilt kick outs approach the setting automatically reducing cylinder velocity to provide a smooth stop.		
Machine shall feature an operator selected electric safety valve to disable implement functions.		
Machine shall feature a heavy-duty hydraulic oil cooler standard with 6 Fins per In.		
Implement hydraulics shall be load-sensing.		
Seat mounted low effort joystick control shall offer simultaneous lift and tilt functions.		
Bucket lift circuit shall have four positions: raise, hold, lower and float.		
Tilt circuit shall have three positions: tilt back, hold and dump.		
Machine shall use hoses with 4,000 psi (27579 kappa) working pressure.		
Steering and implement pumps shall be separate.		
Machine shall have pressure taps to allow quick diagnosis of complete hydraulic system.		
Machine shall have a hydraulically driven demand fan.		
Hydraulic couplings shall have O-ring face seals.		
A Ride Control system for smooth operation in rough roading conditions. Ride Control system shall incorporate multiple accumulators for maximum performance at multiple load levels.		
The machine shall allow for the ride control activation speed to be adjusted while the operator is in the cab.		
<b>Axles</b>		
Front axle shall be rigidly mounted to the front loader frame.		
Rear axle shall have a remote trunnion lubrication fitting to simplify maintenance.		
Seals on the axle and housing shall keep oil in and lock contaminants out to prevent contamination of internal components.		
Axle shall have fully-enclosed brakes and final drives.		
Machine shall have axle seal guard's standard.		
Planetary final drives shall be lubricated from the main oil sump.		
Final drives shall have high contact ratio gears for quiet, durable operation		

**MUNICIPALITY OF WEST NIPISSING**  
**RFQ New wheel loader 3.0 cubic yards**

**SECTION 3.0**  
**SPECIFICATIONS**

	YES	NO
<b>Wheels</b>		
Standard tire size shall be 20.5 X 25 with 3-piece rim		
Tire should be a Michelin XHA L3 or Equivalent (name equivalent)		
<b>Operators Station</b>		
Rear Hinged door shall lock open 180 degrees with the capability to open and close door from the operator's seat.		
Seat mounted joystick control shall operate both lift and tilt functions. Joystick shall integrate forward/reverse direction switch, and adjustable 3rd function hydraulic control compatible with AMI snow blade.		
An Engine Speed Control feature shall be available to set engine RPM which can be set and maintained with a switch in the cab.		
Standard seat shall include cloth removable seat cover with fully adjustable fore/aft position, seat back angle, bottom cushion height, armrest angle and suspension stiffness.		
Automatic temperature and blower control shall be standard		
Fully adjustable fabric covered air suspension seat with mid backrest, headrest, mechanical lumbar support, armrests, cushion tilt and extend		
Seat shall include an Orange High vis 3" (75 mm) wide retractable seat belt.		
Machine shall detect if operator seat belt is buckled while in gear		
Front and rear wipers with washers shall be standard.		
Machine shall be equipped with programmable in-cab kick outs for lift, lower, rack and dump kickouts with on the fly adjustments at any linkage position.		
(2) 12V outlets for powering electronics, 5 V USB outlet, a radio installation package with blue-tooth and remote auxiliary input, adjustable sun screen for front and rear window.		
Heated External Mirrors (electronically adjusting) should allow visibility to the ground to the side of the machine		
Machine cab shall meet ROPS and FOPS criteria as well as regulations for sound exposure.		
Seamless front windshield standard with side sliding glass windows.		
Rear window shall have an electric defroster with timer.		
Glass panels shall extend from cab roof to floor allowing visibility to ground on the front windshield		
Machine shall have gauges including hydraulic, engine and transmission temperatures as well as fuel level.		
Warning/indicator and diagnostic functions shall include: Primary steering malfunction, electrical system voltage low, coolant temperature, engine oil pressure low, parking brake applied, brake charge pressure low, transmission oil temperature, transmission oil filter bypass, and hydraulic oil filter bypass.		
Machine shall have two additional mounting provisions with a power connection in cab for auxiliary equipment as standard.		
Rear facing grill mounted lights shall have an "AUTO" mode which will allow them to come on when the machine is in reverse as standard.		
Machine shall be equipped with (1)blue and (1)amber work light visible from all sides with individual corresponding separate switches		
Halogen lights (4) forward facing wide flood lights, (2) rear facing cab mounted lights, and (2) rear door mounted work/reversing lights		

**MUNICIPALITY OF WEST NIPISSING**  
**RFQ New wheel loader 3.0 cubic yards**

**SECTION 3.0**  
**SPECIFICATIONS**

	YES	NO
Auxiliary LED Engine enclosure service lighting.		
Stop, tail, and turn signal lights shall be LED and mount in rear counterweights for extra protection		
Machine shall have a 7" color LCD display in the cab with capabilities of enhanced diagnostics, fine machine control adjustments, and detailed System parameters for machine and engine including fuel consumption.		
Machine shall have a standard factory installed rear camera system.		
Machine shall have a coded start security feature preventing machine start until a security code is entered		
Machine shall have the ability to provide Preventative Maintenance reminders based on hours of operation.		
Machine shall be capable of automatically changing machine settings based on operator selected application choice, (Truck loading, Fine Grading, Rading, Material Handling, etc....)		
Machine shall have the ability to adjust the ride control activation speed from the operator station based on the application need.		
Machine shall warn the operator if the seat belt is not engaged		
Operator station shall expose the operator to sound pressure of no greater than 68 dB(A) per ANSI/SAE J1166 May 90 procedures to provide maximum operator safety.  Specify dB: _____		
Machine shall provide visual indication to the operator of the remaining engine run time based on fuel tank level and operating method.		
<b>Serviceability</b>		
Radiator, oil coolers, and ATAAC shall be in a single plane with clean out access doors as standard.		
Radiator, oil coolers, and ATAAC shall be 6 fins per inch or less as standard.		
Cooling system shall have a 4.5 mm or smaller screen to filter the large particles out of the intake air as standard.		
All service points shall be accessible from ground level, on the same side of the machine.		
Radiator, coolant and transmission and hydraulic oil levels shall have sight gauges		
Schedule oil sampling ports shall be factory installed for improved access to engine, transmission and hydraulic oils.		
Spin on filters for engine oil and hydraulic oil shall be vertically mounted for easier servicing.		
Machine shall have easy access to engine and cooling compartments		
Cooling fan shall be hydraulically driven and separate from the engine compartment.		
Machine error codes shall be accessible from the primary display or the optional secondary 7" color LCD screen		
Machine shall have easily accessible jumper studs to aid in jump starting machine or other machines.		
Standard service features shall include: Standard hydraulic oil cooler; adjustment free brakes; adjustment free engine fuel system; grouped grease fittings; positive torque hose clamps; braided, color coded and numbered wiring.		
Machine shall have a maintenance free driveshaft.		
Hydraulicisite gauge shall be visible from ground with operator station door open or closed.		

**MUNICIPALITY OF WEST NIPISSING**  
**RFQ New wheel loader 3.0 cubic yards**

**SECTION 3.0**  
**SPECIFICATIONS**

	YES	NO
<b>Service Fill Capacities</b>		
Fuel tank shall have a (290 L) capacity.		
DEF fluid tank shall have a (15L)		
A full DEF; Fluid tank shall last for at least 4 full fuel tanks		
Cooling system shall have a (20 L) capacity.		
Crankcase shall have a (20 L) capacity.		
Transmission (gear box) shall have a (20 L) capacity.		
Hydraulic system (including tank) shall have a (170 L) capacity.		
Hydraulic tank shall have a (90 L) capacity.		
<b>Owning and Operating Costs</b>		
Diesel Particulate Filter should not require service for the life of the engine		
Extended life Coolant/Antifreeze shall allow for up to 1000 hours between changes		
With required oil sampling, machine shall have a recommended engine oil and filter change interval of 500 hours.		
Machine shall have a recommended 2,000 hour hydraulic filter change		
With required oil sampling, machine shall have a recommended transmission oil and filter change interval of 2000 hours.		
With required oil sampling, machine shall have a recommended hydraulic oil change interval of 2000 hours.		
<b>Additional Features</b>		
Machine shall have an as standard either Cellular or satellite link to monitor critical system parameters from a remote location.		
Full front and rear roading fenders.		
Groeneveld Autolube System.		
Machine shall have ACE GPS tracker installed with minimum 2 inputs (Municipality to supply GPS)		
Machine shall have two way radio installed by supplier (radio supplied by municipality)		
Fire extinguisher, First aid kit in cab		
USB/Service manual supplied		
Supplier shall provide adequate operator training to approximately 10 employees to ensure operator competency		

Any additional comments or clarifications (attach additional sheets if required)

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---