

TOWNSHIP OF NORTH HURON

TENDER FOR

One (1) - 2025 FOUR WHEEL DRIVE TRACTOR WITH CAB & LOADER

1. Tender due on or before 2:00pm on Tuesday, June 17, 2025. Unless otherwise instructed by an Addendum, the onus is on the bidders to ensure their submission are received no later than the closing date and time noted on the signed package.

Quotations to be in a sealed envelope clearly marked **"Tractor Loader"** to the attention of:

Carson Lamb, Director of Legislative Services/Clerk
274 Josephine Street, PO Box 90
Wingham, ON
N0G 2W0

2. Bidder must show manufacturer's actual specifications in right hand column.
3. Manufacturer's brochure must be enclosed or forwarded in separate envelope.
4. Sign this tender and the specifications sheet and enclose in envelope provided. Enclose only one (1) tender per envelope.
5. Price quoted to be f.o.b. North Huron Public Works (Blyth) and to include copy of standard warranty.
6. Lowest or any tender not necessarily accepted.
7. **Mandatory:** An orientation demonstration will be arranged upon delivery of quotations at the convenience of the Public Works staff.
8. Trade-in can be viewed at Blyth Public Works (685 Queen Street, Blyth, Ontario). Please contact Nathan O'Neil: 519-357-8593.

Trade-in Description: One (1) 2011 John Deere 5101E

9. All inquiries shall be directed to Chip Wilson at 226-222-0837, or by email cwilson@northhuron.ca

TENDER FORM

Price for 1 unit as per specifications	\$ _____
Trade-in Value	\$ _____
Sub-Total	\$ _____
H.S.T. (13%)	\$ _____
TOTAL AMOUNT BID	\$ _____

Dated at _____ Ontario this _____ day of _____, 2025.

DEALER

WITNESS

SIGNATURE

ADDRESS

SPECIFICATION AND CONFIRMATION

This specification describes a four-wheel drive tractor with minimum of 63.4 kw (85) P.T.O. HP. This unit will be used by the Public Works Department for spreading topsoil/gravel, snow removal and loading trucks.

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

Makes and models must meet or exceed this specification and must have approval, prior to tendering, of the Township of North Huron.

Notwithstanding the above approval, the make and models tendered must comply with the following specifications in all aspects. Where specific components are specified alternate components may be considered for approval by the Township of North Huron, prior to tender closing, if they meet the requirements of the specification.

Bids may not be considered if:

- the product on which a price is submitted does not meet all the requirements of the specifications, or
- the bidder does not confirm compliance with all items of the confirmation by marking "YES" in the confirmation column for all required items and providing the required information where "SPECIFY" is noted on the confirmation

SPECIFICATION AND CONFIRMATION

1. MAKE AND MODEL:

Specify make and model

SPECIFY:

MAKE:

MODEL:

2. TYPE:

Specify type, agricultural/industrial.

SPECIFY:

3. ENGINE:

The engine shall be a four-cylinder diesel, with minimum Tier. 111 emissions.

YES:

SPECIFY:

Minimum engine displacement shall be 3.3 Liters (203 cu. in.).

SPECIFY:

The engine shall produce a gross minimum of 63.4 kw / (85) P.T.O. hp within the governed speed range.

YES:

SPECIFY:

H.P.:

R.P.M.:

4. ENGINE EQUIPMENT:

The engine shall be equipped with the following components:

- Full flow, spin-on type oil filter.

YES:

- All Fluids and dip sticks to be accessible without lifting the loader assembly.

YES:

- Two-stage, dry air filter with pre-cleaner, ejector and a restriction indicator

YES:

- 12-volt battery rated at 750 CCA minimum.

SPECIFY:

CAPACITY:

- Battery shut off switch mounted in cab.

YES:

- Electric and manual fuel shut off.

YES:

- Neutral Safety start switch

YES:

- Provision for cold weather starting, i.e. glow plugs, intake heater. YES:
- Provision for cold weather starting, ether system, or glow plugs. SPECIFY:
TYPE:
- Alternator with minimum 100 amp output. SPECIFY:
CAPACITY:
- Hand and foot throttle. YES:
- Engine temperature-controlled clutch fan. YES:
- Muffler - under hood. YES:
- Anti-freeze to - 45° C / - 50° F. YES:
- Engine block heater, with receptacle near door. YES:
- Hydraulic pump shall produce a minimum of 17 G.P.M. YES:

5. **TRANSMISSION:**

- The transmission shall allow operation in Two- wheel drive and four-wheel drive. YES:
- The transmission shall be synchromesh. SPECIFY:
- The transmission shall have forward and reverse clutch less shuttle shift. SPECIFY:
- The transmission shall have a minimum of eight forward and reverse gears. SPECIFY:
- The transmission shall be equipped with low range (creep speed gears). SPECIFY:
- The transmission shall be equipped with a neutral safety switch. SPECIFY:

6. **AXLES:**

- The front axle shall be mechanically driven and equipped with limited slip differential. YES:
- Front axle load rating in kg /lbs. SPECIFY:

Rear axle shall be equipped with a differential Lock. YES:
SPECIFY:

7. STEERING:

The tractor shall be equipped with power steering. SPECIFY:

8. BRAKES:

The rear wheels shall be equipped with foot operated wet service brakes. YES:

There shall be separate pedals for the left wheel and right wheel brakes, which can be either individually or simultaneously operated. YES:

The tractor shall be equipped with a parking brake. YES:

9. WEIGHT:

Operating weight – 2721 kg (6000 lbs) SPECIFY:
Minimum, without equipment.

10. TIRES:

The front tire size shall be matched to the rear tires and the drive train gear ratios. YES:

The tires shall be R1, traction lug pattern. YES:

Minimum front tire size shall be 12.4 x 24 8 ply. SPECIFY:

Minimum rear tire size shall be 18.4 x 30. 8 ply. SPECIFY:

The front tires will be covered with removable plastic fenders. YES:

11. GENERAL:

The tractor shall be equipped with an independent front & rear 540 RPM P.T.O. shaft, controlled by an electronic switch in cab, with safety. YES:

The tractor shall be equipped with a rear and front 3-point hitch with telescoping draft links. YES:

The tractor shall be equipped with an independent auxiliary hydraulic valve for rear remote quick couples and controls for auxiliary attachments.	YES:
The tractor shall be equipped with an independent auxiliary hydraulic valve for front remote quick couples and controls for front snow plow angle cylinders, with rocker switch in the loader joy stick.	YES:
The tractor shall be equipped with a rear swing draw bar.	YES:
The minimum tractor outside width 183cm (72").	SPECIFY:
Rear tires shall have full fluid ballast and single wheel weights on each rear wheel.	YES: SPECIFY WEIGHT:
12. <u>CAB:</u>	
The tractor shall be equipped with a manufacture's ROPS cab.	YES:
The cab height from top of roof to ground	SPECIFY:
The cab shall have two doors.	YES:
Exit shall be available from either side of the cab with the loader bucket fully raised.	YES:
The cab shall have headlights, working lights, marker lights, clearance lights, turn signals (front), work lights, turn, tail, clearance and stop light (rear) to be an integral part of the cab or recessed under a roof valance.	YES:
The cab shall be equipped with an electric over hydraulic switch for the quick attach feature of the loader.	YES:
A roll-over protective structure (ROPS) shall be incorporated into the cab as per SAE J-1040.	YES:
A falling object protective structure (FOPS) shall be incorporated into the cab as per SAE J231 or SAE J1043.	YES: SPECIFY: STANDARD:

The cab windows shall be of safety glass.	YES:
There will be front & rear intermittent windshield wipers and washers.	YES:
Rear and both side windows open for ventilation.	YES:
The cab door & windows shall have weather-proof seals.	YES:
The cab will have a replaceable cabin air filter.	YES:
The cab will have interior insulation with DB rating.	YES:
The cab will have an AM/FM Radio.	YES:
The cab will have Bluetooth capabilities.	YES:
The cab will have a sun visor.	YES:
The cab will have auxiliary power supply in the dash.	YES:
The cab will have Rubber insulating & noise-Isolating floor mat.	YES:
The cab will have a cup holder.	YES:
The cab will have Built-in cab A/C and heater with defrost for windows, vent and floor options which will provide comfortable conditions for the operator at an ambient temperature of -45C (-50F)	YES: SPECIFY:
The cab will have full vision convex rear view mirrors installed.	YES:
The seat shall be of heavy-duty construction with-weight/air ride adjustments, the seat will be fully padded and covered in cloth. It shall be adjustable for and aft and the back rest shall tilt with seat belts.	YES:

13. LOADER:

The loader shall be a heavy-duty quick attach Self-leveling bucket type, with electric over hydraulic switch for changeover of attachments designed for tractor tendered.	YES: . SPECIFY:
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Loader lift capacity shall be 952 kg (2100 lbs.) minimum, at 31.5" / 80 cm forward of the pivot pin to full height.

SPECIFY CAPACITY
TO FULL HEIGHT:

Loader breakout force shall be minimum of 3700 lbs / 1678 kg at 31.5" / 80cm forward of the pivot pin at ground line.

SPECIFY CAPACITY:

The minimum dump clearance, measured at the cutting edge when the bucket is dumped shall be 245 cm (8').

SPECIFY:

The loader shall be equipped with a safety prop to support the raised loader arms.

YES:
SPECIFY:

14. LOADER BUCKET:

The loader bucket shall be the manufacturer's standard welded steel front dump type with replaceable H.D. cutting edge (bolt on).

YES:

The bucket normal heaped capacity shall be approx. (1 cu. yd.) SAE rating/32 cu.ft.

SPECIFY:

The bucket shall be of quick attach design compatible existing attachments.

SPECIFY:

The bucket width shall be adequate to clear the front and rear wheels when working (MIN 72").

YES:
SPECIFY:

15. LOADER FRAME AND LIFT ARMS:

The loader frame and lift arms shall be of welded construction and match tractor paint.

YES:

16. LOADER CONTROLS:

The loader control shall be located so that they are easily accessible to the operator and does not obstruct the operator's view of the bucket.

YES:

The loader shall be equipped with soft ride

YES:

The control shall be a single joystick equipped with

YES:

a float position and rocker switch to control the snow plow left to right angle position.

The bucket control shall include a self-leveling design of mechanical or hydraulic type

YES:
SPECIFY:

19. PAINT:

The manufacturer's standard paint scheme will be acceptable on tractor and loader.

SPECIFY:

20. LIGHTS:

The following lights are required

- Two head lights roof mounted in cab front.
- Two front work lights.
- Two rear work lights.
- Rear tail and stop lights.
- Turn signals front & rear with signal and 4-way switches in cab.
- Instrument panel lights
- Cab dome lights with a separate switch.
- All lights are to be an integral part of the cab, or mounted under a roof valance.
- Roof mounted yellow and blue strobe light with in-cab switches.

YES:

YES:

YES:

YES:

YES:

YES:

YES:

YES:

YES:

21. MANUALS:

The Manufacturer of all components shall supply complete operator, parts, service and repair manuals with full electrical, wiring and hydraulic schematics, in both hardbound and electronic format.

SPECIFY:

22. WARRANTY:

All supplied and mounted equipment shall be covered by the manufacturer's standard factory warranty, commencing from the

YES:

date of delivery with written document supplied.

23. DELIVERY:

Please - State Date:_____

Signature of Bidder:_____

Date Signed:_____