



Tender Document  
RDS-2024-04

**For  
Supply & Delivery  
of a Municipal Sidewalk Tractor/  
Multi-Function Tractor and  
Attachments**

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Town of Gananoque  
30 King St E  
Gananoque, Ontario



## TENDER RDS-2024-04

### **TENDER INFORMATION**

The Town of Gananoque (otherwise referred to as “The Town”) is seeking Tender submissions from qualified respondents for the supply and delivery of one (1) Municipal Sidewalk Tractor/ Multi-Function Tractor and Attachments.

**Tender Closing Date:**       **May 9, 2024**

**Tender Closing Time:**       **1:00 p.m.**

**Tender Submissions:**       Will be accepted online at [www.Biddingo.com](http://www.Biddingo.com)

### **GENERAL**

- (a) Municipal Sidewalk Tractor/ Multi-Function Tractor can be a 2024 or 2025 model.
- (b) 5 Position Folding Plow attachment required.
- (c) Rear Salt Spreader attachment required.
- (d) The lowest or any bid not necessarily accepted.
- (e) The Town reserves the right to defer payment until all specifications as described in all Sections have been met.
- (f) Prior to final acceptance, the tractor will be subject to an operational test, not to exceed five working days.
- (g) For information please contact Brock Webb, Road Superintendent, at 613-382-2149 Ext. 1611 or email [roadsuperintendent@gananoque.ca](mailto:roadsuperintendent@gananoque.ca).



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### **INFORMATION TO BIDDERS**

The Town of Gananoque is seeking Tender submissions from qualified respondents for the supply of one (1) Municipal Sidewalk Tractor/ Multi-Function Tractor and Attachments.

1. The deadline for submission is **May 9, 2024** at 1:00 p.m.
2. Bids will be opened on May 9, 2024, immediately following the deadline.
3. All questions regarding this Tender must be submitted via Biddingo.com no later than May 2, 2024.
4. The Tender submission must meet all required Specifications and the equipment must be delivered to the Public Works Yard at 665 Charles Street, Gananoque, Ontario, on or before the agreed to delivery date.
5. The Standard Tender Terms & Conditions form a part of each Tender and apply in like force to contracts for the purchase of materials, supplies, equipment and services.
6. All Tenders submitted to The Town will bind bidders to the terms and conditions set forth.
7. Tenders must be submitted online using [www.Biddingo.com](http://www.Biddingo.com) on the forms provided by The Town. Hard copies and emails will not be accepted.
8. Bids received after the deadline will be rejected.
9. By accessing the electronic Tender package at Biddingo.com you are considered registered for this Tender, RDS-2024-04
10. The Town reserves the right to reject any or all submissions, as a whole or in parts, and waive formalities in the best interest of The Town, without stating reasons.
11. The Town reserves the right to terminate a Tender process at any time, without stating reasons.
12. The Town may choose to issue Addenda to provide clarification or additional information during a Tender process. Addenda will be uploaded at [www.Biddingo.com](http://www.Biddingo.com). Registered bidders will receive notification through Biddingo.com and it is the sole responsibility of the Bidder to ensure any addendums have been reviewed and are included with the Tender submission. If addendums are not included with submissions, bids may be rejected.
13. All Bids received will be held in strict confidence until after the closing date and time.
14. All information required in the Tender forms, in connection with each item against which a Tender is submitted, must be given to constitute a valid Tender.



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15. Bids submitted for consideration will be evaluated on specifications, total price, warranty, vendor past performance/references, work experience, staffing and equipment requirements, after sales service, delivery date and any other factors which The Town deems appropriate, for the best value for The Town.
16. The Total Bid Price shall be for the supply of one (1) Municipal Sidewalk Tractor/ Multi-Function Tractor and Attachments, complete with all specified optional equipment or approved equivalent. The tractor shall be f.o.b. The dealership shall include service, fuel, freight, delivery, materials, equipment and preparatory charges and be in Canadian dollars.
17. The Bidder must supply the latest printed specifications and advertising literature for the Municipal Sidewalk Tractor/ Multi-Function Tractor and Attachments specified. The tractor tendered can be current model year or 2025 model.
18. All components must be free from design deficiencies that may affect their operation or serviceability.
19. The successful Bidder must supply a fully executed manufacturer's warranty on the tractor.
20. The Town is subject to payment of sales and excise taxes imposed by the Federal and Provincial Governments and such taxes must be included in Tender prices, as a separate line item, unless otherwise specifically indicated in the Tender.
21. The Town meets the definition under the Broader Public Sector to access Ontario Government purchasing discounts and Vendors of Record. Bidders should price accordingly.
22. Bidders must declare that the Tender is not made in connection with any other Bidder submitting a Tender for the same commodities and is in all respects fair and without collusion or fraud. The Bidder must declare that there is no conflict of interest. In order to ensure fairness, The Town reserves the right to disqualify, at any time and at its sole discretion, any respondent engaging in lobbying in connection with a competitive bidding process. The Town may disqualify a respondent at any time in the procurement process, including after the selection process, if The Town determines it may give unfair advantage to one respondent relative to others. Lobbying may include: verbal or written communication with or to any Town staff or Council member other than those identified as contacts in the Tender; verbal or written communication with any expert or advisor assisting in the evaluation selection process; any communication with the Tender evaluation or selection team other than those identified as contacts within the Tender; direct or indirect requests by the respondent to any person, organization or group to provide written or verbal expression of support not required by the competitive bidding process.
23. The Town will not be liable, nor reimburse any bidder for any costs associated in developing a Tender submission, attending meetings, demonstrations, legal services or any other service that may be required in the bid submission process.
24. A Bid submission may be withdrawn at any time prior to the Tender deadline by sending an email to [pwmanager@gananoque.ca](mailto:pwmanager@gananoque.ca) from the firm's senior official authorizing the withdrawal. The Town will verify the withdrawal with a telephone call to the firm's senior official. There shall be no withdrawals following the closing deadline.



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### **AWARD**

1. Lowest Bid not necessarily accepted.
2. Tenders will be opened publicly on **May 9, 2024** immediately following the closing deadline. Public openings are a process to announce and record all bids received prior to the deadline. Bidders should note that the pricing information read aloud is **preliminary** in nature and is considered **unofficial**. Unofficial results should not be construed as an indication of the successful Bidder. All documentation is subject to review for mathematical accuracies, compliance with the specifications and terms and conditions of the contract and approval by Council.
3. The Town reserves the right to inspect any equipment as a result of this Tender and the decision shall be at The Town's sole discretion to determine if the equipment being supplied meets the basic requirements of The Town.
4. The Bid submitted shall remain valid for at least ninety (90) days from the Tender Closing Date.
5. A Bidder must be prepared, if requested, to present evidence of experience, ability, service facilities and financial standing, necessary to meet satisfactorily, the requirements set forth or implied in the Tender.
6. Cash discount may be offered by the Bidder for prompt payment of invoices, but such cash discounts will not be taken into consideration in determining low bidder unless such discount is based on payment of invoice not less than twenty (20) days after satisfactory delivery and/or receipt of satisfactory invoice, whichever is later.
7. The Town reserves the right to terminate the contract for sufficient cause, including but not limited to poor performance, late delivery, inferior quality, incorrect pricing or health and safety concerns. If the respondent fails to perform the work properly or fails to perform any provision of this Tender, The Town may terminate the contract with written notice.

### **GOODS WHILE IN TRANSIT**

The successful Bidder must provide coverage for goods while in transit, for the full purchase value. Coverage is to be written on a Broad Form Basis and begin at point of sale and continue until received by the Town of Gananoque. Coverage is to include, but not limited to, damage while in transit and warehouse to warehouse transit.

### **DELIVERY**

The Tractor delivered must meet all Specifications as specifically stated in the Tender. Where any part or nominal appurtenances of equipment is not described, it shall be understood that all the equipment and appurtenances which are usually provided in the manufacturer's stock model shall be furnished.

### **INSPECTIONS & TESTS**

Items which fail to meet the terms of the contract in any way are subject to rejection or to be paid for on an adjusted price basis. The decision of The Town shall be final.



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### **TERMS OF PAYMENT and INVOICES**

The Town's terms of payment are net thirty (30) calendar days following receipt of the invoice. Invoices are to be forwarded to Accounts Payable at [accountspayable@gananoque.ca](mailto:accountspayable@gananoque.ca) and [pwinfo@gananoque.ca](mailto:pwinfo@gananoque.ca). Invoices submitted for goods not received or services not complete will be held until services are complete and deliveries are received.

### **SPECIFICATIONS**

While these specifications are specific with respect to detailed requirements, it is recognized that product development activity may have led to the availability of innovations in certain areas which, if incorporated in the unit would improve its operation. Bidders are encouraged to submit such changes as alternate bids separate from the bid complying with the original specifications and acceptance of such alternate bids shall be at the discretion of the Town of Gananoque.

The Specifications list only the major significant details of the tractor required. It is the supplier's responsibility to provide a tractor fully equipped for intended use with compatible components to provide dependable, efficient service.

Where minimum or maximum requirements are specified, the unit offered must meet or exceed the requirements, unless an acceptable alternative is offered. The decision of The Town shall be final.

All items listed are minimum requirements of the Municipal Sidewalk Tractor/ Multi-Function Tractor being purchased. If a supplier is unable to meet the requirements of all items, The Town is under no obligation to accept the Bid.

#### **1. GENERAL**

- a) This Specification details the requirements for one (1) Municipal Sidewalk Tractor/ Multi-Function Tractor and Attachments.
- b) The Municipal Sidewalk Tractor/Multi-Function Tractor and Attachments must be supplied with suitable components to comply with the Specifications in this Tender, in all aspects.
- c) No dealer identification markings or decals shall be attached to the unit.

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### **2. MINIMUM STANDARDS**

- a) The Municipal Sidewalk Tractor/Multi-Function Tractor shall be the manufacturer's standard current or planned production model as shown in their literature and all component units shall be standard or be a standard catalogue listed option unless otherwise specified and agreed.
- b) While the purpose of the Specifications is to indicate certain minimum requirements in the way of capacity, strength, construction and other details, their use is not intended to relieve The Town of all responsibility in the selection of equipment which may be considered most suitable for the service involved. In other words, even though submissions are received based on furnishing equipment which may meet the minimum requirements indicated, it is not intended that this alone shall limit the contract award to be recommended, but that other factors shall be considered together with any experience The Town may have had with equipment of the same type or manufacture.
- c) The Municipal Sidewalk Tractor/Multi-Function Tractor must be supplied with suitable components to comply with this specification in all aspects.
- d) Where minimums are called for, the equipment must meet or exceed the capacity, size or performance specified.
- e) This specification lists only the major details of the equipment. Therefore, it is the supplier's responsibility to deliver fully equipped vehicles with compatible components to provide dependable, efficient service.
- f) Municipal Sidewalk Tractor/Multi-Function Tractor must conform to all federal and provincial motor vehicle safety standards.

### **3. ALTERNATES**

- a) The Specifications included herein describe the type, size, design and construction of equipment which is felt necessary to meet the performance and service requirements of The Town. Bidders desiring to quote on equipment which deviates from the standpoint of capacity size, construction and performance, both as to individual component parts and the completely assembled units, are requested to submit alternate bids on the equipment which so deviates. Any and all alternate bids which are submitted will be given due consideration.



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### TENDER SPECIFICATION FORMS

All Tender Specification Forms must be included in your submission.  
Pages 8-25 must be included in all Tender submissions.

#### EQUIPMENT SPECIFICATIONS

To ensure that only those tractors that are of sufficient power, are not too large for operating on municipal sidewalks and qualify as market proven commercial production tractors, the following mandatory specifications have been established.

The following specifications shall be met:

	SPECIFICATIONS	YES	NO	COMMENTS/DETAILS
1	4-wheel drive articulation, oscillating, rubber tired, diesel powered multi-purpose tractor Designed for year round work, utilizing various attachments			
2	No wider than 50-1/2" (1.3m), including fenders and no higher than 88" (2.26m) to top of roof guard			
3	Engine - a displacement of no less than 4.5 LT. HP to be 74hp or greater. The engine must be a Tier 4 final diesel, not requiring the use of urea injection. Tier 3 or 4 I (interim) engines not acceptable			
4	Sufficient hydraulic capability to power manufacturer's own hydraulically driven angle sweeper, cold planer, 14 ft wide rotary mower, etc			
5	A driven front PTO			
6	Deep reduction transfer case			

#### 1. FACTORY TRAINING

A factory training school at the manufacturer's location for up to 12 technicians shall be available at no charge. The school shall include classroom sessions, hands on repair techniques and diagnostic training. The training school is also to be available several times per year at no charge, for re-training or new technicians.

#### 2 . LABELLING and WARNING DECALS

The following labels and decals must present on tractor upon delivery:

- Pinch point decals
- Danger – rotating shaft decal
- Danger – Fan decal
- Joystick function / operation decal





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- Diesel fuel only decal on fuel reservoir (minimum .75" high letters)
- Hydraulic oil only decal on oil reservoir (minimum .75" high letters)
- Decals for adjustment procedures
- Metal tag - ROPS Certification
- Metal tag - Serial number / model / model year

### 3. MANUALS

The following manuals with CDs, printed in English, must be furnished at no extra charge at the time of delivery.

An operator's manual of approximately 170 pages must be supplied in the tractor cab. The manual will provide all information required to operate the tractor and include maintenance information, safety precautions, lubrication diagrams, etc. All pictures must be in full colour.

A tractor parts manual including maintenance and operators instructions shall be supplied. The manual shall be no less than 280 pages and include detailed parts illustrations. Wiring and hydraulic schematics must be in full colour. The manual must have detailed information regarding controls, operating tips, safety precautions, attachment mounting, attachment hose hook up colour coding, grease point illustrations, lubrication chart, etc. The manual must include a CD copy inserted into a protective sleeve in the manual cover.

A tractor service manual shall be supplied at time of delivery.

The manual must include diagnostic, repair and adjustment information for main drivetrain components. All photo pictures that assist in overhaul procedures must be in full colour. Wiring and hydraulic schematics must be in full colour. Other items required include a torque specification page, fault logic trouble shooting, lifting point and jack stand placement illustrations. The above information for attachments, including those which may be ordered at a later date, must also be included. The manual must include a CD copy inserted into a plastic protective sleeve in the manual cover. Attachment manual must also be provided for all attachments ordered.

### 4. SAFETY FEATURE REQUIREMENTS:

SPECIFICATIONS	YES	NO	COMMENTS/DETAILS
A neutral safety start system shall Prevent the engine from starting unless shifted into neutral			
A seat safety switch must automatically shut down the PTO Shaft and shut off any hydraulically powered attachment if the operator leaves the seat (no exceptions)			
If the operator leaves the seat without placing the shifter into neutral, the engine must shut off (no exceptions)			
The hydraulic circuits which power the hydraulic mower Wings must kick off automatically when the wings are Raised to a pre-determined angle. When lowered they must be re-started. This feature must be designed into the tractor for future additional attachment purchases.			



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Tractor must have a hydraulic brake at each wheel. There must also be a mechanical parking brake that be applied if hydraulic brakes should fail.			
Cab must be ROPS certified and have a metal certification tag attached to the structure.			
A wire protection guards must enclose the engine fan.			
Reflective striping is required on both sides of cab and rear Hoods, as well as on the rear hood below the tail lights			
Minimum of 8 flashing LED amber and/or Blue lights are required and must be mounted above the roof line, two on each side for full, unobstructed 360 degree Visibility (no exceptions)			
Backup alarm is required and must be Activated by the forward/neutral/reverse switch			
Backup camera is required viewed on the digital dash display whenever tractor is In reverse			
Decals for Safety, Danger, Caution and Pinch Point are required as described in the labelling section of the Specifications (no exceptions)			
Access to the PTO shaft shear bolt shall Be from inside the cab. This is also where The PTO shaft is connected when attaching			
For hooking up attachments, the PTO shaft of the Attachment must be supported by a stand on the pushframe so that no one is required to hold up the Shaft while the operator drives the tractor forward into the attachment.			
There shall be an external lift cylinder switch on the front of the cab which the operator can bump up or down to align the lift cylinder pins.			
No fluid checks, filters, battery, ECUs or breaker switches are to be located on the same side of the tractor as the exhaust and after-treatment system due to possible contact with high temperature components.			



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### 5. ENVIRONMENTAL

SPECIFICATIONS	YES	NO	COMMENTS/DETAILS
Engine must be programmed for anti-idle which shuts off the engine automatically after a specified period of time, once the engine has reached operating temperature.			
Engine must be tier 4 final. Tier 4 interim is not acceptable			
Tractor shall have a fuel saver mode which reduces fuel consumption by up to 3-1/2 LT per hour when driving, plowing, sweeping or any other function that does not require constant full engine RPM.			
Due to operation within residential areas, sound levels are extremely important. Because an increase of 10 dBA means the sound is 10 times greater the following must be accurate and will be checked for verification.			
Tractor noise level with no attachments connected must be no greater than: 69 dBA at 2100 rpm, measured 15 metres (49 ft) directly Behind the tractor.			dBA: _____

### 6. COST OF OPERATION

SPECIFICATIONS	YES	NO	COMMENTS/DETAILS
Tractor must have a PTO mode and a standard drive mode. This is to lower fuel consumption by up to 3-1/2 litres per hour ( 40% ) when driving, plowing, snow or sweeping.			
Tractor shall have an auto / run feature which automatically shuts off the sand / salt spreader when the tractor stops at an intersection, stops moving for any reason or is shifted into reverse to reduce material costs by up to 40%.			
There shall be a rotary switch to adjust the amount of material being spread by the rear sand/salt spreader to reduce cost.			
Tractor must have anti-idle which does not allow the engine to continue running and consuming fuel, for long periods such as while an operator is on a break lunch, etc.			



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**7. DIMENSIONS and WEIGHTS:**

Dimensions are not to exceed the following:

Overall length including rear bumper	149.5 inches	SPECIFY _____
Height o top of AC roof guard	88.0 inches	SPECIFY _____
Track width with winter tires	49.5 inches	SPECIFY _____
Overall width including fenders	50.5 inches	SPECIFY _____
Inside turning radius	90.0 inches	SPECIFY _____
Weight of tractor is to be no less than 6,500 lbs and is not to exceed 7,000 lbs	STATE WEIGHT	_____ Lbs _____ Kgs

**8. CHASSIS:**

SPECIFICATIONS	YES	NO	Details/Comments
Two greaseable pivot pins shall connect the mid frame to the centre frame through hardened greaseable spherical bearings.			# of Frame Sections  Describe System:
Rear frame rails are to be no less than 6" x 2" x 3/8" wall HSS rectangular tubing to withstand rough road impact at 32 km/hr with loaded sander on the rear and the heaviest front mounted attachment supplied.			
Tractor shall articulate and oscillate. (no exception)			
Rear 3 point hitch			



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### 9. ENGINE COMPARTMENT

SPECIFICATIONS	YES	NO	Comments/Details
The top hood, two side hood panels, and rear grill are to be easily removable without the use of any tools. Only latches and quarter turn fasteners need to be released before lifting off the hoods and grills.			
There must be an air breather pre-cleaner permanently attached to the top hood			
The left side hood panel must have 2 hinged access doors for access to daily fluid checks, battery, filters, battery disconnect switch and main breakers.			
All other hoods and panels must be either 14 or 16 gauge steel to withstand rough operation and contact with tree branches, signs and other obstructions encountered. Plastic, fiberglass or any other non-metallic material is unacceptable.			
Complete rear grill shall hinge open and lift off for easy access to clean oil cooler and radiator. Must be able to lift off when rear sander attached			
The overall width of the top hood shall not exceed 37 inches			SPECIFY
The overall width of the rear grill / hood, behind the rear axle shall not exceed 41 inches.			SPECIFY
There shall be a hinged door for access to the radiator fill spout.			
The tractor shall have an all stainless steel horizontal exhaust system. The DPF and DOC shall be located over the fender where it is protected from the environment and behind the side hood where there is no danger of someone touching it while hot.			

### 10. COOLING

SPECIFICATIONS	Yes	No	Comments/Details
Engine shall be water cooled by means of an 18 inch diameter fan and a radiator which automatically reverses every few minutes to prevent dirt, salt and grass clippings from building up on the oil cooler and radiator fins.			
A 2 piece cooler is to be supplied for cooling hydraulic oil and engine coolant.			
A heavy duty 4" x 2" steel cross member and steel rear hood must be provided to protect the radiator and oil cooler. If hood is not steel, a heavy duty protective grill must be provided.			
The hydraulic system shall have a thermostatically controlled bypass valve for cold weather operation.			ByPass Temp: Setting



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### 11. P.T.O.

SPECIFICATIONS	Yes	No	Comments/Details
PTO drive system to be mechanical by way of a clutch. 11-1/2" over-centre type preferred. Must be electric over hydraulic actuation with indicator light. Actuation by lever is not acceptable.			
The front PTO is to be 1-3/8 inch diameter, 6 spline. 540 pto rpm @ 2160 engine rpm.			
See options page if rear pto is required.			

### 12 . IMPLEMENT HITCHES:

SPECIFICATIONS	YES	No	Comments/Details
Tractor shall be supplied with a front quick hitch system. Implement height shall be controlled by two double acting hydraulic cylinders which are operated from the joystick. Spring load lift latches hold the implement frame in place.			
Must be capable of attaching existing Trackless attachments already owned by the municipality. To satisfy legal and safety concerns, bidder must submit 3 copies of a letter from Trackless Vehicles Ltd. approving the attachments already owned can be safely mounted and operated on the tractor and will not in any way effect their product liability coverage of the attachments in question.			

### 13. TRANSMISSIONS:

SPECIFICATIONS	YES	<u>NO</u>	Comments/Details
The tractor shall be propelled by a hydrostatic transmission and controlled by a single electronic foot pedal. The electronic pedal controls the hydrostatic transmission and the engine RPM when in FUEL SAVER mode. If switched to work mode, a throttle lever over-rides the pedal control of the engine RPM allowing full RPM to power the PTO shaft to run the attachment.			Specify Complete Details Of System offered
The tractor shall consume no more than 92 litres of fuel to plow sidewalks for 12 – 15 hours in fuel saver mode			Specify
The tractor must have cruise control/hydrostatic lock			
A forward / neutral / reverse switch on the joystick shall be supplied.			
The tractor shall have a 2 speed mechanical transmission which provides speed ranges of: LOW RANGE                      0 - 12 km / hr			Specify



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HIGH RANGE	0 - 32 km / hr			
<p>The transmission SHIFT LEVER inside the cab must have a neutral position allowing the tractor to be towed, without danger of damaging the hydrostatic transmission. Shut off taps, screws, etc located in the rear frame area will not be accepted. Tractor may be towed several miles without damage.</p> <p>See options page if deep reduction option is required.</p>				

### 14. AXLES

SPECIFICATIONS	YES	NO	Comments/Details
Shall be Dana model 60 style full float with track lock differentials (limited slip) front and rear.			
Axles assemblies must be manufactured in North America with local parts availability.			Specify County of Manufacture
There shall be no less than 8 - ½ inch dia. bolts securing each axle housing to the chassis.			
Each axle shaft shall have a minimum of 8 wheel studs.			

### 15. BRAKING SYSTEMS:

SPECIFICATIONS	YES	NO	Comments/Details
Tractor shall have no less than 3 braking systems, hydrostatic dynamic braking, enclosed wet driveline brake and mechanically actuated emergency/parking brakes.			Specify:
Parking brake is to be applied by way of an adjustable parking brake lever. It must be able to apply the brakes mechanically in the event that the hydraulic system for applying the service brake fail.			
The hydrostatic braking is to be programmed more aggressive when service brake pedal applied.			
The parking brake must sound a warning buzzer when applied and a warning message in ¾" high letters must appear on the LED dash display.			



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### 16. WHEELS / TIRES

SPECIFICATIONS	YES	NO	Comments/Details
Winter Tires shall be LT245/75R16 mounted on heavy duty wheels			
1 set turf tires 31x13.50-15 for mower			
Tire must be radials			
Wheels must have no less than 8 studs.			# of Studs per wheel
See options page for tire and wheel options if required			

### 17. RIDE CONTROL

SPECIFICATIONS	YES	NO	Comments/Details
The tractor must have an anti-bounce ride control system which automatically weighs the front mounted attachment when lifted and calculates, according to speed and shock load, how much the attachment needs to move and over how many milliseconds to counteract the bounce when hitting a bump or pothole, deadening the bounce that normally would follow the initial impact.			

### 18. HYDRAULIC SYSTEMS

SPECIFICATIONS	YES	NO	Comments/Details
The hydraulic gear pump shall be driven by the engine and produce a minimum of 20 gpm.			
A second hydraulic pump is to be engaged only when The pto is engaged.			
Tractor shall be supplied with a electronic joystick.			
All attachment functions and forward /reverse are to be controlled by a single joystick. The joystick must automatically program itself to the attachment that is mounted. 3 float position switches to have additional LED indicator lights. Joystick allows lifting & lowering of attachment while 2 other function controls remain live.			If any deviation, attach a separate sheet
Moving the joystick forward or back while holding the blue button moves both wings on the 5 position plow or batwing rotary mower at the same time.			
Tractor shall have a low hydraulic oil warning system.			





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When low a message appears on digital display 7 front hydraulic couplers are to be supplied for operating the control features on attachments.			
In addition to the 7 couplers for operational controls, there shall be 4 (2 pair) of HIGH VOLUME front couplers to power hydraulically driven attachments. They can power 2 separate attachments such as mower wings, or be combined for attachments requiring higher flows. One switch engages the left pair and a second switch engages the right pair. Switches for the hydraulic circuits are to be located to the left and right of the front PTO engagement switch.			
For tractors other than Trackless, state flow / pressure of each circuit used to power hydraulically driven mower wings, sweepers, etc already owned by the municipality. These must match the requirement of the attachments to be considered safe to operate.			Circuit A: _____ Circuit B: _____  _____ gpm @ _____ psi  _____ gpm @ _____ psi
Rear of tractor shall have 1 pair of hydraulic couplers with an output of 3 gpm.			
Hydraulic couplers must be colour coded, matching joystick colour coded switches.			
All hydraulic hoses to have NPT, SAE straight thread or SAE split flange fittings. (no metric)			
Hydraulic oil filter shall be cartridge type, mounted at highest point in hydraulic system for dry changes. Spin on filters not accepted.			

### 19. ELECTRICAL

SPECIFICATIONS	YES	NO	Comments/Details
Tractor shall have a 12 V, neg ground system with a 950 – 1000 CCA group 31 battery, and main breaker switch protection			Battery:  CCA:
Tractor must be provided with a 200 amp alternator for future additional lighting or electrical components			Confirm:
There shall be a battery disconnect switch inside the engine compartment.			
There shall be a 7-prong trailer plug in rear panel			
There shall be a 4-prong trailer plug in rear panel for powering the water tank spray system, brine pump or other electrical components other than lighting			
There shall be a 7 inch LED digital display screen with the following features: Backup camera when in reverse			



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<p>Tachometer indicating engine RPM and PTO RPM          Speedometer and Odometer          Hour meter          Coolant temperature          Engine oil pressure          Hydraulic oil temperature          Voltmeter          Fuel level          Turn signals, 4-way flashers          High / low beams          Forward / neutral / reverse          Low Range / High Range          Large text warning messages for Low hydraulic oil,          Low coolant level , Air breather service required,          Parking brake engaged, Parked regen required          Seat belt ICON</p>			
<p>Due to the complexity of the wiring systems in tractors          With Tier 4 engine management systems and other          electronic management systems, the following          specifications must be complied with to assist in          efficient diagnostic and electrical repairs over the life of          the tractor.</p>			
<p>Tractor must utilize multiplex CAN communication</p>			
<p>Wiring harnesses must be professionally manufactured.          with terminals which are machine crimped to ISO          standards.</p>			
<p>Codes and numbers must be shown on all parts manual          exploded views and wiring schematic drawings and          charts.</p>			
<p>All fuses are to be mini blade type and must be          contained within an IP67 watertight enclosure.</p>			
<p>All harness plug connectors shall be standard          Packard weatherproof. Bulkhead connectors must          be twist lock type.</p>			

### 20. LIGHTING

SPECIFICATIONS	YES	NO	Comments/Details
There shall be 4 headlights and 1 backup light. All 5 lights must be adjustable, halogen and identical.			
There shall be LED signal lights, 4 way flashers and Shock proof rubber mounted LED tail lights			
8 flush mounted LED flashing lights, 2 on each side of the branch guard for 360 degree visibility			
Interior dome light			
Signal lights must self cancel			



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### 21. CAB:

SPECIFICATIONS	YES	NO	Comments/Details
HVAC system to be controlled by digital climate Control LED screen which allows operator to select heat, AC or defrost and set desired temperature. A cab pressurizer is also mandatory.			
For health and safety concerns during sweeping, a cab pressurizer is also mandatory. If not included in the HVAC system, a separate pressurizer must be provided.			In HVAC Separate
2 individual heaters totaling 63,000. BTU supply heat through 12 adjustable louvres.			BTU _____ # of vents: _____
24,000 BTU AC also runs with heat when in defrost mode to remove in cab humidity for better defrosting.			
Heater must include a minimum of 2 outlets no higher than 16 inches above floor level directed at operator's feet.			
Front intermittent 3 speed pantograph wiper and washer			
Rear intermittent wiper and washer (if rear wiper is not available, rear slider window is acceptable)			Confirm
Inside rearview mirror and backup camera			
Two outside vibration free mirrors. When approaching an obstacle such as a signpost or when working in a narrow section next to a wall the operator must be able to fold mirrors in and back out again without exiting the cab.			
3 point seat belt including shoulder harness. (must be retractable – must be orange)			
AM / FM stereo with MP3 jack and dual speakers			
Radio to include Bluetooth			
Steel door (All glass door not acceptable).			
Flush mounted door handle			
Gas strut door closer			
Door safety strap			
Steel roof preferred. If roof is not steel, a 1" diameter steel tube/pipe shall be mounted around the outside of the roof to protect front, rear and sides from damage	Steel	Steel	
Tilt steering column in the upper most position the column must be approximately 80 degrees to the floor for easy entry and exit cab			Degrees in upper Pos _____



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Steel fenders - 10 gauge or heavier			
DOT approved, tinted, tempered safety glass for all windows.			
ALL glass must be FLAT for convenience of local replacement in an emergency situation.			
Side windows shall be slider type contained within an aluminum frame and lockable.			
1 and 2 inch thick open cell conasorb with perforated vinyl facing for sound deadening.			
Sound barrier floor matting with 2 lb/sq ft heavy duty vinyl wear surface and 3/8 inch thick closed cell PVC/rubber foam layer.			Matting Specs
Sound level in cab at idle shall not exceed 65 dba			DBA at idle
Hinged overhead switch panel			
The cab shall be "ROPS certified" and bear a metal Certification label so stating. An engineering ROPS Test report is required for verification and to keep on file for WSIB, Ministry of Labour and OSHA audits.			
Cab constructed of steel sheet, plate, HSS tubing and ROPS tubing. ROPS tubing Charpy test documentation must be available.			
Cab and front frame are to be one structure for additional strength.			
Cab to have tapered sides. (narrower at top) to allow tractor to work in tight narrow areas where sidewalks are not perfectly level			
Shall have an air ride high back fabric covered Seats with adjustable left armrest, large padded right armrest. Air ride switch to be remote mounted inside switch panel beside right control and cruise control switches			
There shall be a horn button which must be mounted in the centre of the steering wheel. (no other location acceptable)			
cup holder, storage compartment, 12 V outlet for a cell phone charger, positive and negative ports for connection of a 2-way radio or other device.			



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### 22. WATER / CHEMICAL PUMP

SPECIFICATIONS	YES	NO	Comments/Details
All hoses, wiring, switch and quick coupler shall be installed for future optional water / chemical pump.			

### 23. GPS/DATA TRACKING PORT

SPECIFICATIONS	YES	NO	Comments/Details
A 4 pin connector must be supplied inside the cab to plug in a GPS system for logging data to record location and time when a snowblower or plow is down in the working position and the tractor is moving, when the rear sander is on or off and whether the PTO is on or off. Pin #1 to supply 12V Pin #2 ground Pin #3 & #4 CAN Communication for above			

### 24. DIAGNOSTICS

SPECIFICATIONS	YES	NO	Comments/Details
The tractor shall have an on board diagnostic system which constantly monitors and self diagnoses all electrical and electronic components, hydrostatics, hydraulic valves, joystick, switches, sensors and the entire engine ECU. Any fault that occurs is diagnosed and sent to the message centre on the digital dash screen where it can be retrieved by clicking on the message envelope ICON. All messages are recorded permanently and archived. The message centre also allows access to all ECUs directly. All diagnostics can be done without having to plug in a laptop or any other device.			

### 25. FUEL TANK:

SPECIFICATIONS	YES	NO	Comments/Details
Single fuel tank with not less than 92 Litres			



## TENDER RDS-2024-04

### 26. PAINT, FINISH and UNDERCOATING

SPECIFICATIONS	YES	NO	Comments/Details
All steel fabricated parts including the cab and all frames are to be prepped in a 4 stage phosphate wash prior to paint. All parts are to receive a 2 part epoxy primer with rust inhibitor. The top coat is to be a 2 part polyurethane automotive quality finish which is oven baked.			
Factory rustproofing applied			
Paint colour shall be highway yellow			

### 27. ADDITIONAL TRACTOR SPECIFICATIONS

SPECIFICATIONS	YES	NO	Comments/Details
Deep reduction 10:1 planetary transmission			
Break in replacement filter kit			
The front axle shall have electric locking differential operated activated by a single switch. Lock up can not occur above 12 km/hr			
The drive system shall have a deep reduction planetary transmission, which allows 4 speed ranges instead of 2. The deep low creeper gear allows ground speeds of 0 – 10 ft / minute.			
Achieving creeper gear speeds through hydrostatic system only not acceptable. the tractor shall have a rear 540 rpm pto. capable of powering existing attachments or rear 3 point hitch attachments purchased in The future.			
The cab shall have a sliding window within an aluminum frame. Glass must be DOT approved tempered safety glass.			

### 28. ATTACHMENTS REQUIRED:

SPECIFICATIONS	YES	NO	Comments/Details
5 Position Folding Plow			
Rear Salt Spreader			

### 29. OPTIONAL ATTACHMENTS:

SPECIFICATIONS	YES	NO	Comments/Details
60" Ribbon Blower			
Progressive Turf 14' Mower			



**TENDER RDS-2024-04**

**BIDDER’S DECLARATION FORM**

I/We (enter name) \_\_\_\_\_

Title/Position \_\_\_\_\_

Organization or Business \_\_\_\_\_

Declare that no person, firm or corporation other than the one who’s signature or the signature of whose proper officers is attached below, has any interest in this Proposal or in the Contract proposed to be undertaken.

Further declare that this Proposal is made without any connection, knowledge, comparison of figures or arrangements with any other company, firm or person making a Proposal for the same work and is in all respects fair and without collusion or fraud.

Further declare that no Town employee, or Member of Council and their families is, or will become interested directly as a contracting party or otherwise or in the performance of the Contract or in the supplies, work or business to which it relates or in any portion of the profits thereof, or of any such supplies to be used therein or any of the monies to be derived therefrom.

Further declare that the several matters stated in the said Tender are in all respects true.

Further declare that I/We have examined the Request for Tender in detail and hereby propose and offer to enter into a contract to provide all of the items mentioned and described or implied therein, including, in every case, freight, duty exchange, and to accept in full payment therefore, the sums calculated in accordance with the actual quantities provided, and Unit Prices attached to this Bid.

I/We agree that this offer is to continue open for acceptance until a formal contract is executed or a Purchase Order is issued to the successful Bidder.

\_\_\_\_\_  
Signature of Authorized Officer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of Authorized Officer (please print)

\_\_\_\_\_  
Signature of Witness

\_\_\_\_\_  
Date

Name of Witness (please print) \_\_\_\_\_



**TENDER RDS-2024-04**

**BID FORM**

Item	Quantity	Description	Unit Price
1	1	Municipal Sidewalk Tractor/ Multi-Function Tractor and Attachments  Year _____	\$
2	1	5 Position Folding Plow attachment	\$
3	1	Rear Salt Spreader attachment	\$
<b>*TOTAL BID PRICE</b>			\$

**HST not to be included\***

Terms of Payment are 90 days or Net days, F.O.B. address above.

Delivery Date: \_\_\_\_\_ Initials: \_\_\_\_\_

It shall be a condition of the contract to be entered into, pursuant to this Tender process, that the tractor shall be delivered to the Town of Gananoque no later than 120 days from award of the Tender. As such, a later date and further terms, including a penalty clause, may be agreed upon between The Town and the successful bidder, and if the subsequent agreed upon terms are not met this contract shall be terminated.

\_\_\_\_\_  
Signature





## TENDER RDS-2024-04

### BID FORM – PART II

I/We \_\_\_\_\_ the undersigned, have carefully examined the Tender documents and specifications and am/are fully informed as to The Town's requirements. I/We hereby offer to supply the specified sidewalk tractor/multi-function tractor, complete with all equipment for the price listed above.

Dated at \_\_\_\_\_ the \_\_\_\_ day of \_\_\_\_\_, 2024.

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

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

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

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

\_\_\_\_\_

Telephone: \_\_\_\_\_

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

H.S.T. No.: \_\_\_\_\_

Pages 8-25 must be included in all Tender submissions.