

## TENDER SPECIFICATIONS

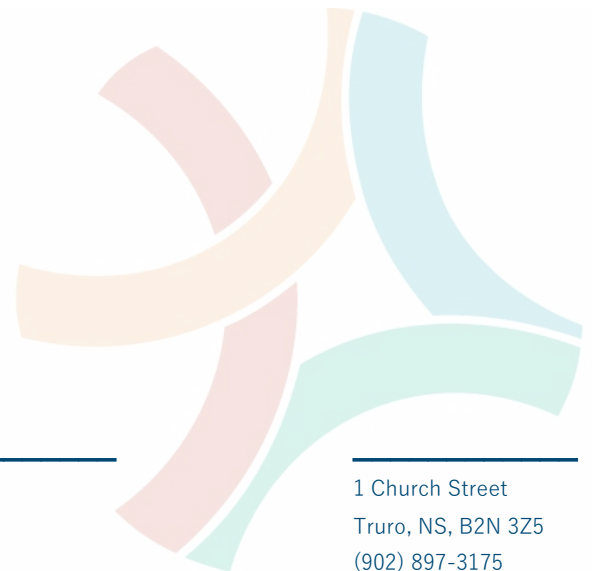
### 2023/2024 TANDEM TRUCK, CAB/CHASSIS, DUMP BODY & PLOW

Tenders will be received by email to Crystal Deuville at [cdeuville@colchester.ca](mailto:cdeuville@colchester.ca) until **12:00 pm (local time), Wednesday, September 27, 2023.**

Submissions must be received prior to the date and time indicated for Tender Closing. It is the responsibility of the tenderer to confirm receipt of their tender by the Municipality.

The County is considering the purchase of one (1) tandem truck. The Owner reserves the right to reject all tenders or any tender; not necessarily accept the lowest tender; waive any irregularities, formalities, informalities, or technicalities; and to accept or reject any offer whatsoever as considered by the owner to be in its best interest.

September 15, 2023



## **INSTRUCTIONS TO BIDDERS:**

1. The attached Tender Form must be used for tabulation purposes. Specification sheets as provided herein form part of the tender and must not be removed. Please check the appropriate box under the “comply” section and include additional details under the “specify” section where applicable.
2. All bid submissions must be accompanied by manufacturer’s literature describing, in detail, the vehicles bid upon. Bidder must provide further details regarding vehicle size, equipment, accessories, and capabilities, as necessary to illustrate adherence to the tender. Where conflicting information exists between the manufacturer’s literature and manufacturer-supplied vehicle specifications, and the specification sheets in the tender form, the specification sheets in the tender form will govern.
3. Bid submissions must include freight, duty, and any other charges which are applicable at time of tender award. All taxes levied on tires and disposal thereof must be included in the net unit price.
4. The Municipality reserves the right to inspect any vehicle supplied as a result of this tender, either during or after manufacture and delivery. Vehicle inspection will occur within 48 hours of vehicle delivery and prior to vehicle registration and transfer of ownership to the Municipality. Any failure to meet tender specifications or any vehicle defects discovered during this inspection shall be rectified by the supplier of the vehicle prior to payment.
5. The Municipality reserves the right to reject all tenders or any tender; not necessarily accept the lowest tender; waive any irregularities, formalities, informalities, or technicalities; and to accept or reject any offer whatsoever as considered by the owner to be in its best interest.
6. Tenders must be received by the Public Works Office of the Municipality of Colchester, via email to Crystal Deuville at [cdeuville@colchester.ca](mailto:cdeuville@colchester.ca), **no later than 12:00 pm (local time), Wednesday, September 27, 2023.**
7. Paper copies of bid submissions are not required.
8. Tenders will be opened privately.

## **GENERAL DETAILS:**

1. The specifications below describe a new tandem truck with conventional cab/chassis capable of year-round operations. Payload may consist of dirt, sand, gravel, rock, snow, salt, liquids, or other commodities commonly transported during public works operations. The truck would also be required to carry a reversible 12ft snowplow plus 10ft wing during winter operations and a 15 ft side and rear tilt dump body for year-round operations.
2. All pricing information shall be included on the attached tender form.
3. The Supplier is to state a time of delivery of the vehicle in number of Calendar Days from receipt of Purchase Order.

4. While evaluating the vehicle, due consideration shall be given to:
  - a. Experience of manufacturer
  - b. Experience and track record of manufacturer's agent
  - c. Delivery schedule
5. Where the delivery schedule from the lowest bidder exceeds 6 months, the County reserves the right to award the tender to the next lowest bidder, provided the next lowest bidder can supply the vehicle within 6 months.
6. **The tender must be accompanied by a letter from the manufacturer confirming the delivery schedule.**
7. In submitting a tender, the tenderer confirms that the proposed vehicle meets the specifications outlined herein. Any deviation from specifications must be approved by the County prior to tender close.
8. The vehicle shall be serviced prior to delivery to the Municipality's Public Works Garage at 56 Truro Heights Road, Lower Truro. The servicing shall include (where applicable) the following:
  - a. Proper adjustment of braking, steering and electrical system, engine tune-up and lights alignment.
  - b. Filling and charging of batteries, fuel tank, oil, and fluid reservoirs.
  - c. Correct inflation of all tires.
  - d. Complete lubrication of chassis, engine, accessories, and all running gear with high quality lubricant of proper grade suitable for ambient temperature.
  - e. All other servicing to ensure complete roadworthiness of vehicle.
9. The successful tenderer is responsible for obtaining Nova Scotia Motor Vehicle safety inspection certificates for the truck, as well as vehicle registration.
10. The successful tenderer must also provide at least one operator's manual delivered with the vehicle.
11. The tenderer shall make a written request for any deviations from these specifications. Such requests must be received at least two (2) working days prior to the tender closing.
12. The Municipality reserves the right to purchase none, one or all the optional accessories on the machine at the time of placing the order.
13. The tenderer shall submit a description of all standard warranties on various components that are available and included in the price at the time of purchase of the vehicle.
14. The tenderer shall submit the cost and description of optional warranties that are available, for example, extended warranty. The cost of such warranties should be identified as a separate optional item on the Tender Form.

**SPECIFICATIONS (MINIMUM):**

	COMPLY		SPECIFY
<b>GENERAL:</b>			
Make (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Model (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Year (specify) – must be <b>2023 or 2024</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Minimum GVW, 66,000lbs (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>ENGINE:</b>			
Diesel, min. 350HP with engine brakes (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>TRANSMISSION:</b>			
Allison 3000, 6 speed, automatic transmission with provision for power take-off (PTO)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>HYDRAULICS:</b>			
Dry valve hydraulic pump installed at the front and connected to the crank case	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
6 Section hydraulic valve	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Inline return filtering system	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
80 to 90 L hydraulic tank with cleanout to be hooked up and mounted to frame	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>CHASSIS:</b>			
Single, set back front axle load minimum 20,000 lbs (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Tandem, rear axle load minimum 40,000 lbs (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Tapered leaf spring front suspension with shock absorbers capable of 20,000 to 22,000 lbs	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Air ride rear suspension capable of min. 40,000lbs (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rear axle ratio 6.14 with traction control (differential lock-up)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Cab to axle measurement approx. 135”	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Reinforced “C” channel frame with 70” (1,778mm) overhang	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Approx. wheel base 200” to 210”	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Front frame extension for easy mount/dismount of snowplow	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Vehicle interface wiring with third party builder at the back of the cab	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Factory installed receptacles mounted at the end of the frame	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

	COMPLY		SPECIFY
Factory installed wiring harness and auxiliary switches for plow harness plug-in	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Wiring harness to be run from front to rear with all hookups operational for plugging into trailer	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Insert type towing hitch installed at rear of frame with safety D rings installed on back plate	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Front bumper - manufacturers standard steel construction with tow hooks, installed	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Factory installed tow hooks on the front and frame with D Rings on rear	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Front hubs oil-lubed	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rust protection - Ziebart or Owner approved equal to include doors	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>CAB:</b>			
Standard Cab	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Air cab feathering controls	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Spinner lights installed and pointed at spinner	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
12-volt electrical system	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Heavy duty, min. 150amp alternator	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Dual batteries equipped with an in-cab battery shut-off switch; mounted on right hand side of frame or under cab	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
60gal fuel tank with fuel filter, water separator and cap	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Horizontal tail pipe exhaust	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Engine exhaust to confirm to EPA standards with certification	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Air brakes with dust shields and air dryer	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Parking brake; air operated	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Heater/Defroster	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Air Conditioning	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Engine Block Heater	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Left hand & right-hand grab handles	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Outside heated, door mounted, power mirrors with two round convex mirrors under heater mirrors	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Two flashing LED lights on top of mirrors	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Two rear facing LED back up lights	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Power windows	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

	COMPLY		SPECIFY
Manual door locks	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Single piece windshield	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Intermittent & fully adjustable windshield wipers	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Power steering or equal	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Driver's seat, high back with air ride & arm rests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Passenger side, standard two-seater	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Halogen headlights	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Daytime running lights	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Preferred Paint Colour – exterior cab to be “White” and Frame “Black”, or other colour as approved by County prior to tender closing.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Instruments to be included (minimum) – low air pressure light/buzzer, air restrictions indicator, cruise control switches, voltmeter, oil pressure gauge, temperature gauge, fuel gauge, speedometer/odometer, trip odometer, tachometer, self-cancelling turn signals, two power terminals in cab (one connected to key and the other operational at all times).	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Safety equipment to be provided (minimum) – seat/lap belts, audible backup alarm, driver side & passenger side air bags, cab mounted fire extinguisher (ABC 2.2kg capacity).	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Miscellaneous equipment to be provided (minimum) – floor mats, AM/FM radio with clock, blue tooth compatible, sunshades, dual electric horn, outside temperature gauge.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>DUMP BODY:</b>			
15ft long, unibody construction with continuous welding throughout. Material holding capacity approx. 10 to 12 cubic yards	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Body capable of tilting backwards and sideways to the driver's side using front mounted and side mounted telescopic hoists with in cab controls. Minimum 30-ton capacity, 3 stage hoist.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Body floor and conveyor chain cover to be made of 3/16" high yield strength steel plate	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Side panels—approximately 52" high constructed, constructed of 3/16" steel plate with vertical reinforcement	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Tailgate constructed of 3/16" steel plate, vertically and horizontally reinforced, approximately 60" high, hinged, with panel type construction	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

	COMPLY		SPECIFY
Tailgate to contain one coal chute doors located on tailgate with factory safety latches at rear of body and sides of tailgate capable of latching together	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Dump body fold up ladder, driver's side	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Tailgate indicator light switch	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Front mounted, 2-arm spring load tarp	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Protective cab shield and top plate	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Mud flaps, marker lights in side columns, reflectors, and other lights to be included	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Working flush mounted, rear facing flashing hazard LED lights	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Body to be sand blasted, primed and epoxy painted grey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Telescopic front mounted back tilting hydraulic hoist cylinder with 30T capacity with in-cab controls	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Telescopic side/bottom mounted side tilting hoist cylinder of 19T capacity with in-cab controls	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
High pressure filter system installed on hydraulic system, tank side of frame	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>TIRES:</b>			
11R22.5, 20-ply heavy duty tires to deal with terrain and salt operations. Spare tire and wheel to be full size	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Standard steel bud wheels with flanged nuts	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>SALT SPREADER AND BRINE TANK</b>			
Salt conveyor chain with cover installed on the driver side of the dump body	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rotating plate under the wheel type located on the driver's side	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Conveyor chain motor and spreader motor and mechanisms to be hydraulically controlled with in-cab controls	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Computer for salt disbursement, salt consumption/usage	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rexroth salt spreading computer system with ground speed control, travel speeds and disbursements	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Pre-wet pump and valve system; valve mounted in a stainless-steel enclosure, 600L minimum brine tank incorporated into the cab shield of the body, and pre-wet flush tank kit	<input type="checkbox"/> Yes	<input type="checkbox"/> No	



<b>SNOW PLOW:</b>			
12ft reversible cutting-edge blade with 36" height minimum with curb and mold-board shoes	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Trip-edge design with 6 compression springs	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Heated LED Plow head lamps, directionals and hydraulic power pack mounted on the plow frame or vehicle hood	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Blade to be sand blasted, primed and powder coated	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Easy, one person attach/detach operation capable of mounting on a low-profile mounting frame on the front of the truck	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>WING PLOW:</b>			
10' Wing Plow with tripping edge or plow trip, right/passenger side, hydraulic system quick coupling installed, 22,000lbs	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Complete hydraulic wing assembly, installed	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Right hand wing moldboard, 10'	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Complete wing arm quick coupling, or complete wing arm quick coupling system (must be capable of extending/retracting for street widths)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Hydraulic System Quick Coupling, installed	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Set back front axle load 22,000lbs or greater (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Rear axle load 40,000lbs or greater (specify)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
6 Section hydraulic valves (in addition to original 4)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Factory installed OEM Ground Speed Wire Harness and Aux	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Plow Harness	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

### **TRADE IN - 2018 FREIGHTLINER WITH DUMP BODY**

The tenderer shall also provide a trade in value for the existing 2018 Freightliner Cab and Chassis with Dump Body and 11ft Tenco adjustable plow. The value of the truck trade in shall be identified separately in the tender with a separate line item for the 11ft Tenco plow.

The truck will be traded in "as is" and can be viewed until September 25, 2023. An appointment for viewing can be made with Blaise Watson, Manager of Operations, Transportation and Wastewater Collection, by phone at (902) 897-7930.

The Municipality reserves the right to trade in the 2018 Freightliner for the quoted trade in value or retain the truck and pay the quoted price of the five-ton truck without the trade in value. The Municipality also reserves the right to trade in the 11ft Tenco plow with the truck or retain the plow and pay the quoted truck price.



## TENDER FORM

Price shall be F.O.B. to the Public Works Garage. The undersigned bidder has carefully examined the form of tender and the specifications to furnish and deliver the vehicle listed below and described in the above specifications and will accept in full payment, the following price:

<b>2023/24 TANDEM CAB/CHASSIS WITH DUMP BODY, PLOW, WING AND SALTING SYSTEM</b>	
VEHICLE YEAR, MAKE & MODEL	
LIST PRICE (EXCLUDING HST)	
NET PRICE (EXCLUDING HST)	

<b>TRADE-IN VALUES</b>	
TRADE-IN VALUE FOR 2018 FREIGHTLINER WITH DUMP BODY (EXCLUDING PLOW, EXCLUDING HST)	
TRADE-IN VALUE 2018 TENCO PLOW (EXCLUDING HST)	

<b>OPTIONAL ITEMS</b>	
OPTIONAL WARRANTY (EXCLUDING HST)	
Warranty Details (Duration/Coverage):	
DELIVERY TIME IN DAYS (after notification of order) <b>ATTACH MANUFACTURER LETTER OF CONFIRMATION</b>	

**SUBMITTED BY:**

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

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

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

Contact Person: \_\_\_\_\_

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

