



# **PUBLIC WORKS DEPARTMENT**

**TENDER REQUEST FOR**

**SNOWPLOW SALT SPREADER  
U-BODY DIESEL TANDEM DUMP TRUCK**

**CONTRACT  
TENDER ROAD-01-2025**

**Tender closing: Tuesday, February 4<sup>th</sup>, 2025, at 11:00 a.m. local time**



**TENDER - Contract Road-01-2025  
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

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<b>Tender Request Published:</b>	<b>January 8, 2025</b>
<b>Deadline for Questions:</b>	<b>January 23,2025 AT 11:00AM</b>
<b>Answers to Questions on BidsandTenders.com:</b>	<b>January 28, 2025</b>
<b>Deadline for submission:</b>	<b>February 4 ,2024 at 11:00 A.M.</b>
<b>Contract awarded:</b>	<b>Week of February 10· 2025</b>

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**SECTION A - INSTRUCTIONS TO BIDDERS**

**1. Invitation**

- a) The Nation Municipality is seeking a Successful Bidder to purchase 2024/2025 One (1) TANDEM DUMP TRUCK, SNOWPLOW, SALT SPREADER U-BODY DIESEL specified in this Tender Request document.
  
- b) The Tender Request requests must follow all terms and conditions, and all prospective suppliers of goods or services should ensure that they are familiar with the Municipality's Procurement Policy No. F-2024-01. For reference, the procurement policy is available on the municipal website at [www.nationmun.ca](http://www.nationmun.ca).

**2. CONDITIONS OF SUBMISSION**

- a) **ELECTRONIC BID SUBMISSIONS ONLY**, shall be received by the Bidding System. Hard copy submissions not permitted.

**<https://nationmun.bidsandtenders.ca/Module/Tenders/en>**

**No later than 11:00 a.m. local time, on Tuesday, February 4<sup>th</sup>, 2025.**

- b) Bidders are cautioned that the timing of their Bid Submission is based on when the Bid is RECEIVED by the Bidding System, not when a Bid is submitted, as Bid transmission can be delayed due to file transfer size, transmission speed, etc.
  
- c) For the above reasons, it is recommended that sufficient time to complete your Bid Submission and to resolve any issues that may arise. The closing time and date shall be determined by the Bidding System's web clock.
  
- d) Bidders should contact bids & tenders support listed below, at least twenty-four (24) hours prior to the closing time and date, if they encounter any problems. The Bidding System will send a confirmation email to the Bidder advising that their bid was submitted successfully. If you do not receive a confirmation email, contact bids & tenders support at [support@bidsandtenders.ca](mailto:support@bidsandtenders.ca).

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**CONDITIONS OF SUBMISSION (continued)**

- e) Late Bids are not permitted by the Bidding System.  
To ensure receipt of the latest information and updates via email regarding this bid, or if a Bidder has obtained this Bid Document from a third party, the onus is on the Bidder to create a Bidding System Vendor account and register as a Plan Taker for the bid opportunity.
  
- f) The municipality reserves the right to negotiate minor changes or variations with the successful tenderer, without a general tender recall, provided any such changes would be deemed to influence the relative standing of the bidders or be in any way otherwise prejudicial to them.
  
- g) Prices are to be in Canadian funds and are to be exclusive of HST, which is to be added and shown separately, as applicable, on the form supplied.
  
- h) All Bidders shall have a Bidding System Vendor account and be registered as a Plan Taker for this Bid opportunity, which will enable the Bidder to download the Bid Call Document, to receive Addenda email notifications and download all documents without the watermark “preview” on them.
  
- i) The municipality reserves the right to negotiate minor changes or variations with the successful tenderer, without a general tender recall, provided any such changes would be deemed to influence the relative standing of the bidders or be in any way otherwise prejudicial to them.

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**3. QUERIES / ADDENDA**

- a) The bidder must acknowledge reception of any addendum on the bid form of this tender request.
- b) Inquiries must be received no later than five (5) business days before closing date set for receipt of Bids to ensure adequate time remains to issue any required addenda. Addenda may be issued during bidding period. All addenda become part of the bid request.
- c) All inquiries and Questions related to this bid are to be submitted to the Purchasing representative through the **Bidding System only**, by clicking on the **“Submit a Question” button** for this specific bid opportunity.
- d) No officer, agent or employee of the Owner is authorized to alter orally any of this Bid Request. If it becomes necessary to revise, delete, substitute or add to any part of the Bid Request, a written addendum will be issued via Bids & Tenders website.

**4. BID SUBMISSION**

- a) Insert the following obligatory documents:
  - Schedule of Prices - FORM 1
  - Completed copy of attached detailed specifications and confirmation sheets (Form 2)
  - Statement by bidder - FORM 3
  - Warranty for Unit and Equipment
- b) Bid price is to be in Canadian funds and is to be exclusive of HST, which is to be added and shown separately, as applicable, on the form supplied.

**5. OFFER ACCEPTANCE OR REJECTION**

- a) The Corporation of The Nation Municipality reserves the right to reject any or all bids and to accept any bid considered best for its interest. Lowest or any tender not necessarily accepted. The second unit shall be awarded subject to Council approval.
- b) More than one tender submission from an individual firm, partnership, corporation or association under the same or different names will not be considered. Collusion between Bidders will be sufficient cause for rejection of all tenders so affected.
- c) All bids must be on the forms supplied by the Municipality and be signed.
- d) Only tenders that are fully completed shall be acceptable.

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**6. EXECUTE CONTRACT**

- a) The tender contract will be adopted through a resolution by the Municipal Council.

**7. CONTRACT ADMINISTRATION**

- a) Harmonized sales tax (HST) must be shown separately on invoices.
- b) For administration purposes, invoices must be forwarded by emailed to [payable@nationmun.ca](mailto:payable@nationmun.ca) to the Head Office in Casselman at 958 Route 500 West, Casselman, Ontario K0A 1M0.

**8. EXAMINATION OF TENDER REQUEST DOCUMENTS**

- a) Each Bidder must carefully examine the Tender Request document before submitting his Bid and must satisfy himself by personal review of all details that there is no confusing information or discrepancy that could lead to future claims. At any time after submission of his Bid, the Bidder shall not claim that there was any misunderstanding of the interpretation of the Tender Request for the purpose of this Tender Request.

**9. ALTERNATIVE AND EQUIVALENCE**

- a) Where the Tender Request document(s) stipulate a particular product, substitutions may be considered by the Owner. In the case of a proposed product substitutions the bidder will provide details of the product by submitting, five (5) working days before bid closing deadline.
- b) If details in respect to a substitution is submitted, the Owner will review the details and determine if the actual proposed substitution is acceptable or rejected. An addendum will be published in regard to the submitted request. The Owner reserves the right to reject or accept the proposed substitution.

**10. BID DEPOSITS**

- a) No bid deposit required.

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**SECTION B - GENERAL CONDITIONS OF CONTRACT**

**1. Scope of Work**

- a) This Tender Request involves supplying and delivering the following truck for specific location identify below.

One (1) 2024/2025 tandem truck at the Fournier Garage,  
3248 County Road 9, Fournier ON, K0B 1G0  
Hugo Pouliot, Deputy director, 613-306-1887

- b) All services shall be completed promptly.
- c) Tender Request must be submitted on the forms provided and shall be accompanied by a completed copy of the Specifications and Confirmation. Bidders must complete all items under the confirmation column as indicated. The Owner may reject any Bid Request as unacceptable if the submission is not completed or if any answer to the Yes/No column is 'no' or if the bidder's specified rating is less than that required by the specification.
- d) The unit shall be complete and operational at the time of delivery.
- e) The Bid price is for the supply and delivery of specified equipment including all applicable taxes, freight, service and preparatory charges.
- f) The Successful Bidder shall supply fully executed manufacturer's warranties on the truck.

**2. Acknowledgment**

The bidder hereby acknowledges that by submission of this document he/she has duly read and fully understands the full context and scope of the work detailed in the specifications, drawings, and conditions of the tender.

**3. Collusion**

By this submission, the bidder declares that the proposal is not made in connection with any other bidder submitting a proposal for the same commodity and is, in all respects, fair and without collusion or fraud.



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**SECTION C - SPECIFICATIONS AND CONFIRMATION**

**GENERAL**

- a. The vehicle must be supplied with all standard equipment, plus, all other equipment outlined in this specification, if not standard. YES: \_\_\_\_\_
  
- b. This specification is not intended to define every detail of the Unit except those specifically required by The Nation Municipality. It is the responsibility of the supplier to deliver fully equipped and functional units for the work required. YES: \_\_\_\_\_
  
- c. The vehicle shall meet or surpass the mandatory requirements Of the “Canadian Motor Vehicle Safety Regulations” developed By Transport Canada and the Ontario Safety Standards. YES: \_\_\_\_\_
  
- d. The unit must be supplied fully serviced and ready for use by The Public Works Department. YES: \_\_\_\_\_
  
- e. The unit supplied must be new from the factory. YES: \_\_\_\_\_





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Declaration of total weight by truck dealer

Weight slips must be provided prior to delivery and acceptance of the unit showing actual axle weights, with snowplow and wing attached and in the up position, dump body filled with winter sand (or equivalent) certifying the unit complies with the Manufactures Gross Vehicle Weight rating, Axle weight rating, and tire weight ratings.

Please provide the total weight of front axle with snowplow and wing attached and up position without a load and rear axle.

Front Axle Weight: \_\_\_\_\_ KG

Rear Axle: \_\_\_\_\_ KG

Please provide the total weight of front axle with snowplow and wing attached and up position with a load and rear axle.

Front Axle Weight: \_\_\_\_\_ KG

Rear Axle Weight: \_\_\_\_\_ KG

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

Name: \_\_\_\_\_ Position: \_\_\_\_\_  
(Please Print)

\_\_\_\_\_



**TENDER - Contract Road-01-2025  
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

**A GENERAL:**

<p><b>1</b> This Specification covers NEW TANDEM DUMP DIESEL SNOWPLOW TRUCKS.</p> <p><b>2</b> Vehicles must be supplied with suitable components to comply with the following specifications.</p>	<p>SPECIFY:</p>
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**B DETAILED SPECIFICATIONS:**

<p><u>MAKE:</u></p> <p>2024 / 2025 Minimum 12.8 litres – 450 H.P.</p>	<p>SPECIFY:</p> <p>MAKE:</p> <p>MODEL:</p> <p>ENGINE MAKE:</p> <p>ENGINE MODEL:</p>
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**TENDER - Contract Road-01-2025  
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	DESCRIPTION		
	<b>VEHICLE CONFIGURATION</b>	<b>YES</b>	<b>NO</b>
<b>1</b>	Conventional chassis snowplow and spreader applications model name and number: # _____		
<b>2</b>	2024 OR 2025 model year specified <span style="float: right;">Year: _____</span>		
<b>3</b>	Set forward axle (Set back not acceptable)		
<b>4</b>	Install back-up alarm that meets SAE standard		
	<b>GENERAL SERVICE</b>	<b>YES</b>	<b>NO</b>
<b>5</b>	22,000 LBS Front axle capacity		
<b>6</b>	Expected rear drive axle(s) load 46,000 lbs minimum		
<b>7</b>	Expected gross vehicle weight capacity 68,000 lbs Allowable G.V.W.R. as supplied shall be shown on a metal or Mylar tag.		
	<b>ENGINE</b>	<b>YES</b>	<b>NO</b>
<b>8</b>	Engine minimum 450 HP Diesel (12.8 litres)		
	<b>ELECTRONIC PARAMETERES</b>	<b>YES</b>	<b>NO</b>
<b>9</b>	Road speed in top gear at shall be 105 km maximum speed		
	<b>ENGINE EQUIPMENT</b>	<b>YES</b>	<b>NO</b>
<b>10</b>	2013 ONBOARD DIAGNOSTICS 2010 EPA/CARB/GHG 14 Emission Certification		
<b>11</b>	Side of hood air intake with firewall mounted Donaldson air cleaner and inside/outside air with snow door.		
<b>12</b>	Dr 12v 160 amp 28-si Quadra mount pad alternator with remote battery volt sense		
<b>13</b>	(3) Alliance absorbed glass mat model 9A31, Group 31, 12-volt maintenance free 2775 CCA threaded stud batteries.		
<b>14</b>	BW Model BA-921 – 19 CFM Single cylinder Air Compressor with safety valve		
<b>15</b>	Electronic engine integral warning and de rate protection system		
<b>16</b>	Jacobs compression brake 2 switches, (1) ON/OFF, (1) Low /Med / High braking		
<b>17</b>	RH outboard under step mounted horizontal after treatment system assembly with RH B-Pillar mounted vertical tailpipe.		
<b>18</b>	Engine after treatment device, automatic over the road regeneration and dash mounted regeneration request switch.		
<b>19</b>	RH curved vertical tailpipe b-pillar mounted routed from step		
<b>20</b>	6-gallon diesel exhaust fluid tank		



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21	Stainless steel after Treatment device / Muffler / Tailpipe shield		
22	Borg warner (KYSOR) Rear air ON/OFF fan clutch		
23	Automatic fan control without dash switch, non-engine mounted		
24	DDC supplied engine mounted fuel filter / Fuel water separator with water – in – fuel indicator		
25	Full flow oil filter		
26	DDC supplied coolant filter, engine mounted		
27	Aluminum Radiator, with mounting for firewall mounted surge tank		
28	Antifreeze to -60f, ethylene glycol pre-charged SCA heavy duty coolant		
29	Gates blue stripe coolant hoses or equivalent		
30	Radiator drain valve		
31	Thermo 1500 Watt / 115-volt block heater		
32	Aluminum flywheel housing		
33	12v 39mt + HD/OCO starter with integrated magnetic switch		
	<b>TRANSMISSION</b>	<b>YES</b>	<b>NO</b>
34	Allison 450 RDS, automatic transmission with PTO provision of main transmission.		
	<b>TRANSMISSION EQUIPMENT</b>	<b>YES</b>	<b>NO</b>
35	Allison Vocational – 6 speed with auto neutral RDS (package 223)		
36	Body lighting interface blunt cut wiring with fuse panel wire		
37	PTO mounting, on the side of main transmission		
38	Push button electronic shift control, dash mounted		
39	Water to oil transmission cooler, frame mounted		
40	Transmission oil check and fill with electronic oil level check		
41	Synthetic transmission fluid (tes-295 compliant)		
	<b>FRONT AXLE AND EQUIPMENT</b>	<b>YES</b>	<b>NO</b>
42	MFS-20-133A 22,000# FL1 SINGLE front axle and specify		
43	Meritor 16.5 x 6 Q + 22,000# Cast spider cam front brakes, double anchor, Fabricated shoes and Specify:		
44	Non-Asbestos front brake lining		
45	Conmet, Cast Iron front brake drums		
46	Front brake dust shields		
47	SKF Scotseal plus XL front oil seals		
48	Meritor Automatic, front slack adjuster		
49	TRW THP-60, power steering with RCH45 auxiliary gear		
50	Power Steering Pump & reservoir		
	<b>FRONT SUSPENSION</b>	<b>YES</b>	<b>NO</b>
51	23,000 lbs Flat leaf front suspension minimum Specify:		
52	Graphite bronze, bushing with seals front suspension		
53	Front shock absorbers		



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<b>REAR AXLE AND EQUIPMENT</b>		<b>YES</b>	<b>NO</b>
54	MT-46-164P 46,000# R-series tandem rear axle		
55	5.38 rear axle ratio minimum		
56	MXL 18N Meritor extended lube main driveline with Full round yokes		
57	MXL 17N Meritor extended lube inter-axle driveline with FULL round yokes		
58	Driver controlled traction differential – both tandem rear axles full lock		
59	Meritor 16.5x7 Q+ cast spider cam rear brakes, double anchor, fabricated shoes. NON-ASBESTOS REAR BRAKE LINING.		
60	Brake cams and chambers on forward side of drive axles		
61	Conmet cast iron rear brake drums		
62	Rear brake dust shields		
63	SKF Scotseal plus XL rear oil seals		
64	Haldex Gold-seal long stroke, 2-drive axles spring parking chambers		
65	Haldex automatic rear slack adjusters		
66	Synthetic 75w-90 rear axle lube		
<b>REAR SUSPENSION</b>		<b>YES</b>	<b>NO</b>
67	Tuftrac 46,000# 2-stage rear spring suspension		
68	56-inch axle spacing		
69	Fore/After and transverse control rods		
70	Rear shock absorbers two axles (Tandem)		
<b>BRAKE SYSTEM AIR BRAKE PACKAGE</b>		<b>YES</b>	<b>NO</b>
71	BW AD-9 brake line Air dryer with heater		
72	Air dryer mounted inboard		
73	Steel air brake reservoirs mounted perpendicular under cab		
74	Clear frame rails from back of cab to front rear suspension bracket, both rails outboard		
75	Pull cables on all air reservoir(s)		
<b>WHEEL BASE &amp; FRAME</b>		<b>YES</b>	<b>NO</b>
76	Wheelbase 207" (CA 126" to be confirm with body builders)		
77	7/16X3-9/16X11-1/8 inch steel frame (11.11mmx282.6mm/0.437x11.13 inch) 120KSI		
78	Partial Inner frame, reinforcement at the front suspension		
79	1825MM (72 INCH) rear frame overhang minimum		
80	12 inch integral front frame extension with 0.25 inch insert		
81	Square end of frame		
<b>CHASSIS EQUIPMENT</b>		<b>YES</b>	<b>NO</b>
82	16-inch painted steel bumper		
83	Front anti spray cab mounted mud flaps		
84	Clear frame rails from back of cab to front rear suspension bracket, both rails outboard		
85	Grade 8 threaded hex headed frame fasteners		
<b>FUEL TANKS</b>		<b>YES</b>	<b>NO</b>
86	80 GALLON (302 LITER) ALUMINUM FUEL TANK – LH		



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87	25" diameter Fuel Tank frame mounted driver side under cab		
88	FUEL TANK flush with back of cab		
89	EQUIFLO inboard fuel system		
	<b>TIRES</b>	<b>YES</b>	<b>NO</b>
90	Front Michelin XZY-3 425/65R22.5 20 PLY		
91	Rear Michelin XDS2 M/S 11R22.5 16 PLY RADIAL.		
	<b>HUBS</b>	<b>YES</b>	<b>NO</b>
92	Conmet pre-set bearing iron front hubs		
93	Conmet pre-set bearing iron rear hubs		
94	Alcoa LVL 82462 22.5x12.25 10-hub pilot 4.75 Inset 10—hand Aluminum Disc front wheels		
95	Alcoa LVL 88367 22.5x8.25 10-hub pilot 4.75 Inset 10—Hand HD Aluminium Disc rear wheels		
	<b>WHEELS</b>	<b>YES</b>	<b>NO</b>
96	Front and rear WHEEL NUTS		
97	Disc hub piloted aluminum rims must have a load capacity and pressure rating equal to or exceeding the ratings of the tires.		
	<b>CAB EXTERIOR AND INTERIOR</b>	<b>YES</b>	<b>NO</b>
98	110 inch BBC Steel conventional cab		
99	Air cab mount with check valve		
100	2" fender extensions		
101	LH and RH Grab handles and RH interior grab handle mounted to a post.		
102	Stationary bright finish grille		
103	Chrome Hood mounted air intake grille.		
104	Galvanealed steel severe service cab.		
104	Fiberglass hood		
106	Single Hadley SD-978 26 inch rectangular air horns		
107	Single electric horn		
108	Single horn shields		
109	LED chrome bullet marker lights		
110	Wiring and switch for customer furnished snow plow lamps with dual connection at front bumper		
111	Integral stop/tail/turn/ back up lights		
112	Dual west coast stainless steel heated mirrors with remote		
113	Door mounted mirrors and RH down view mirror		
114	102 inches equipment width		
115	LH and RH super plus 574 8-inch bright finish heated convex mirrors with adjustment, mounted under primary mirrors.		
116	Fiberglass exterior sun visor		
117	17.5 x 35 inch tinted rear window		
118	Tinted door glass LH and RH		
119	RH and LH electric power windows		
120	Lower RH door window with Fresnel lens		
121	Heated tinted windshield		
122	1.5 gallon windshield washer reservoir mounted under cab with remote fill		



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<b>CAB EXTERIOR AND INTERIOR (continued)</b>		<b>YES</b>	<b>NO</b>
123	Interior convenience package with CB provision		
124	Gray vinyl base interior		
125	Black hard trim, base left hand and right-hand door trim		
126	Black mats with double insulation		
127	Forward roof mounted console		
128	Minimum (1) cup holder		
129	Heater, defroster and air conditioner with cosmetic cover		
130	HVAC ducting with foam main fresh air filter and outside pre-filter		
131	Cab insulation		
132	Automatic self-reset circuit breaker in main dash power distribution box and circuit breaker/fuse in auxiliary power distribution boxes.		
133	Door activated dome light, under dash light and LH and RH, door mounted courtesy lights		
134	Cab door latches with manual door locks		
135	High back air suspension driver seat with 1 chamber air lumbar integrated cushion extension and rear cushion tilt.		
136	Battery box mid back non suspension passenger seat		
137	Inboard driver seat armrest, no passenger seat armrests		
138	3 point fixed d-ring retractor driver and passenger seat belts		
139	Adjustable tilt and telescoping steering column		
140	2-spoke 20 inch (500mm) steering wheel		
141	Driver and passenger interior sun visors		
142	(2) Key sets		
<b>INSTRUMENTS &amp; CONTROLS</b>		<b>YES</b>	<b>NO</b>
143	Star gauges with black bezels (or equivalent)		
144	Low air pressure light and buzzer		
145	2 inch primary and secondary air pressure gauges		
146	Dash mounted air restriction indicator with graduations		
147	87 DB to 112 DB self-adjusting backup alarm		
148	Cruise control switches in the center panel		
149	2 inch Electric fuel gauge		
150	Electrical engine coolant temperature gauge		
151	2 inch Transmission oil temperature gauge		
152	Electric engine oil pressure gauge		
153	AM/FM/WB radio with CD player / Bluetooth and Microphone front and rear auxiliary Input 4 speakers.		
154	Electronic KPH Speedometer with secondary MPH Scale with odometer		
155	Electronic 3000 RPM Tachometer with hour meter		
156	Trailer hand control brake valve		
157	Single electric windshield wiper motor with delay and arctic type blades		
158	Cab Marker light and headlight switch with separate switch and terminal for customer furnished snowplow lights – turn signals.		
159	Two valve park brake system with dash valve control auto neutral and warning indicator / VMS non canceling turn signal switch with integral headlamp dimmer, with brake over ride.		
160	Pacific insight electronic flasher		
161	2-1/2 lb. Fire extinguisher mounted outboard of driver side seat		





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<b>INSTRUMENTS &amp; CONTROLS</b>		<b>YES</b>	<b>NO</b>
<b>162</b>	Triangular reflectors without flares		
<b>163</b>	Design paint: one solid color white		
<b>164</b>	Cab interior to be painted same as cab color (white)		
<b>165</b>	Chassis to be painted with high solids polyurethane chassis paint (black)		
<b>166</b>	Sun visor painted same as cab color		
<b>CERTIFICATION / COMPLIANCE</b>		<b>YES</b>	<b>NO</b>
<b>167</b>	Canada CMVSS certification.		
<b>SECONDARY FACTORY OPTIONS</b>		<b>YES</b>	<b>NO</b>
<b>168</b>	Corporate PDI center option installation / modification only.		
<b>EXTENDED WARRANTY</b>		<b>YES</b>	<b>NO</b>
<b>169</b>	Roadside service warranty, 1 year / unlimited mileage / specified extended warranty.		
<b>170</b>	Extended warranty for 7 years / 250 000km to be priced as option.  Option price:		





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	<b>CHARACTERISTIC</b>	<b>YES</b>	<b>NO</b>
171	These specifications describe an all-season combination dump body and sand / salt spreader. The dump body box shall remain stationary on the chassis frame while spreading. Rear discharge shall be front hoist tilt action as per conventional dump bodies. The unit will be oval shaped and smooth sided to permit gravity flow unloading. The main conveyor will center and recessed along the length of the box. The cross conveyor will be chassis frame mounted with spreader discharge on the left side of dump box.		
172	U Body Model 14' Hardox 450 or equivalent approved by the Municipality prior to the closing of this tender.		
173	Body shall be oval shape, permitting materials to unload by Gravity flow into spreading position.		
174	Water level capacity will be 11 C.B. yard minimum.		
175	Water level capacity with sideboards will be 13 C.B. yd. minimum.		
176	Outside length 15' minimum.		
177	Inside length 14' minimum.		
	<b>MECHANISM</b>	<b>YES</b>	<b>NO</b>
178	All body welds will be 100% continuous inside and outside.		
179	Body floor, sides, front panel and tailgate will be constructed of 3/16" hardox 450 hi-tensile steel (203,000 lbs psi).		
180	Dump box access ladder shall be 2 pieces fold up ladder located at the side of body.		
181	Access ladder will be manufactured from safety grip material.		
182	Fender shall be continuous along the full length of dump body. To provide cover for rear wheels and to protect body and ready for future liquid tank.		
	<b>CHARACTERISTIC</b>	<b>YES</b>	<b>NO</b>
183	Fender shall be slope away from the body to eliminate material accumulation.		
184	Hoist shall be front mounted 3 stage telescopic cylinder.		
185	Cylinder stroke shall be 130" minimum.		
186	Dump box tipping angle 50 degrees.		
187	Rear hinge diameter shall 1.75" minimum.		
188	Hoist control valve shall be air operated from inside cab.		
189	Tailgate opens two ways regular and barn door.		



**TENDER - Contract Road-01-2025  
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

<b>STRUCTURE</b>		<b>YES</b>	<b>NO</b>
190	Construction shall of 3/16"Hardox 450 hi-tensile steel with 3/16" (203,000 lbs psi) Formed cross bracing. <b>12.</b>		
191	Latch mechanism for the tailgate shall be air trip and latch Using 1 air pot booster model 30-30.		
192	Spreader chain and bracket shall be supplied on tailgate Chain shall be 70 coil proof 3/8".		
193	13.5 MTO reflector tape on tailgate and both sides.		
194	The main conveyor shall be recessed along the length of dump Body floor.		
195	Three piece formed constructed minimum 25" wide Constructed of 3/16" Hardox 450 (203,000 lbs psi).		
196	Conveyor floor 3/16" Hardox 450 (203,000 lbs psi).		
197	Permanent non removable built in protective main conveyor Chain link.		
<b>CHARACTERISTIC</b>		<b>YES</b>	<b>NO</b>
198	The flow control gate between main conveyor and cross conveyor shall be adjustable by hand crank from driver side Of dump body. <b>13.</b>		
199	The main conveyor shall be recessed along the length of the dump body floor.		
200	Main conveyor shall be a single 25:1 high efficiency WORM GEAR DRIVE With high torque low speed motor.		
201	The worm gear drive shall deliver minimum 12,900 in. lbs. Torque.		
202	Polyurethane sheeting shall be installed under the entire length Of the main conveyor to protect the truck frame.		
203	The cross conveyor shall be hydraulic direct drive.		
<b>MUD FLAP AND BUMPER</b>		<b>YES</b>	<b>NO</b>
204	The cross-conveyor assembly will mount on the chassis frame Independent from, and in front of, the main combination spreader unit. <b>14.</b>		
205	The cross conveyor shall be of removable design to reduce Weight in non-spreading application.		
206	The cross-conveyor assembly shall be used to discharge materials from main conveyor to the left side spinner (no auger accepted).		
<b>SPINNERS</b>		<b>YES</b>	<b>NO</b>
207	The cross conveyor shall have a close bottom to protect The chassis from falling materials. <b>15.</b>		
208	The main conveyor chain shall include a cover.		

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**SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

<b>CHARACTERISTIC</b>		<b>YES</b>	<b>NO</b>
209	A polyurethane spinner shall be installed on the left Side to spread ahead of rear wheels. <b>16.</b>		
210	A hydraulic motor shall drive the spinner assembly.		
211	The spinner height shall be adjustable from 20" to 28" below the Mounting surface of the body.		
212	The spinner shall be capable of spreading evenly up to a 20 ft Radius with a main operating range of 0 to 15 ft. radius.		
213	Spinner assembly capable of discharge rate from 100 lbs / lane mile to 2,500 lbs lane mile		
<b>CLEAN UP OPENING</b>		<b>YES</b>	<b>NO</b>
214	A poly lined hinged salt extension chute shall be installed on Driver's side with spinner. <b>17.</b>		
215	Hydraulic hoses to the spinner motor are to be quick coupler and are to be assembled so that the male end may plug into female end on the spinner motor and the chassis frame when the spinner Assembly is disconnected.		
216	Fenders shall be continuous along the full body length of dump Body to cover for rear wheels and to protect dump body. mud Flaps shall be provided fore and after rear tandem wheels.		
<b>DISTRIBUTION DOOR</b>		<b>YES</b>	<b>NO</b>
217	An electric tarp system shall be supplied. powered by a 12 volt Load sensing switch with a # 4 wire operated from <del>18.</del> inside cab.		
218	Vapour proof lights and wiring shall be supplied and installed through a separate breaker panel located in the truck cab And shall conform to the Ontario Highway Traffic Acct.		
<b>LIGHTING SYSTEM</b>		<b>YES</b>	<b>NO</b>
219	One (1) spinner floodlight for driver's side LED One (1) main conveyor discharge floodlight. LED <b>19.</b>		
220	One (1) set of led body clearance lights / identification lights stop / turn and signal. LED		
221	Lighting system sealed with junction box according to MTO standard. All lights to be LED		
222	All junctions shall be in the junction box only; all joints shall be welded and sealed.		
223	Seven (7) pin electrical connector (trailer plug in) installed directly behind the cab.		
224	Rear corner post of body shall have one (1) set of each led strobe amber And blue rear flashing. LED		
225	All switches, control and lever shall be installed on the operator console for an easy equipment operation.		
226	Star 200 One blue / one amber warning light LED Installed on dump body cab shield.		
227	Rear lights Ontario Traffic Act.		

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<b>FINISHING</b>		<b>YES</b>	<b>NO</b>
228	Spreader controller ACE Ecobite 11 <sup>tm</sup> or force America model ssc5100ET electronic flows controls will be provided with speed sensor. Predispose for GPS. <b>20.</b>		
229	The regulator to be pressure compensated so that the selected Flow will not change as load and engine speed change.		
230	Sandblast shall be a (white steelblast) bare metal.		
231	Two (2) coats minimum (5 mils.dry) of quality epoxy primer Electrostatic application (before assembly).		
232	Two coats minimum (3 mils. dry) PPG POLYURATHENE Yellow., to be confirmed.		
<b>INSPECTION CLAUSE</b>		<b>YES</b>	<b>NO</b>
233	INSPECTION BEFORE DELIVERY		
<b>WARRANTY</b>		<b>YES</b>	<b>NO</b>
234	The supplier shall offer a written warranty of the total equipment, parts and labour for one (1) full year following the delivery date.		
<b>OPTIONS</b>		<b>YES</b>	<b>NO</b>
235	Installation of this equipment shall meet or surpass the mandatory requirements of the Canada motor vehicle safety std. and its regulation in effect on the Date of installation, must bear The National Safety Mark. <b>21.</b>	Specified  _____	
236	Specify National Safety Mark number _____ Specified: _____		
237	Groeneveld automatic grease system.		

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DETAILED SPECIFICATIONS FOR

# HYDRAULIC FULLY DETACHABLE HARNESS



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HYDRAULIC FULLY DETACHABLE HARNESS		YES	NO
238	Specify make and model of fully detachable harness. (Quick attached and detach one man operation)		
	Hyd Accumulateur on front harness		
239	Rear wing harness with hydraulic winch or hydraulic arm to attach and detach wing on / off the truck.		
240	The harness shall be mounted at the front end of the frame and shall be pinned to the check plate.		
241	The lifting frame shall be bolted to the push plate conform to MTO Standards.		
242	Lifting Ram Diameter – 4” D.A. minimum.		
243	Lifting ram stroke – shall be 12” minimum.		
244	The cylinder rod shall be nitrated <b>(ARCOR-N)</b> .		
245	Lift of grab link for nose chain shall be 18 ” minimum.		
246	Drive ears shall be 30 ½” centre to centre.		
247	Height to lower drive connection shall be 19” when mounted, truck empty.		
248	Check plates to match truck frame (3/4”) shall be supplied and shall be compatible for plow.		
249	3 grab links shall be supplied.		
250	(2) sealed beams halogen type headlamps, with high and low beam shall be supplied and installed on the hood one each side to eliminate vibration.		
251	Right front helper spring shall be provided. <b>(AIR BAG)</b> Shall be used and shall have a on Or off switch control in console.		
252	Two (2) Turn signals shall be installed and the wires for the truck turn signal shall be connected to these lights. These wires shall be well-protected in looms.		
253	The plow lights and signals shall be equipped with “quick – tack” ends.		
254	All Hydraulic hoses and wiring shall be adequately supported to ensure that wear and Sag is eliminated.		
255	The harness and wing to be easily and quickly attachable or detachable.		
256	When detached it shall reduce the weight of the vehicle and improve operating safety And driving convenience.		
257	Hydraulic power tilts function to be controlled by in cab feather air control.		
258	All Hydraulic Quick coupler shall be <b>(TREAD LOCK)</b> .		
259	A convex mirror 12” of diameter shall be mounted on the front wing post.		
260	The truck harness shall be sandblasted / prime epoxy 2 coats min. 5 mils. Dry. And painted 2 coasts of polyurethane black min 3 mils. Dry Electrostatic application.		
261	A parts manual shall be supplied with each unit.		
262	Warranty one year parts and labour.		
HYDRAULIC CONTROLS		YES	NO
263	Hydraulic control valves will be stackable sectional type ELP VD06 air shift or equivalent.		
264	To prevent corrosion the air shifters will have a bronze sleeve.		





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	<b>HYDRAULIC CONTROLS (CONTINUED)</b>	<b>YES</b>	<b>NO</b>
265	The control valve will include the following sections: 1 - D.A. PLOW LIFT 1 - D.A. FRONT WING 1 - D.A. WING BRACES 1 - D.A. PLOW REVERSIBLE 1 – D.A. HYDRAULIC WINCH 1 - AIR TAILGATE CONTROL 1 – HEAVY DUTY / LOAD SENSING ELECTRIC TARP CONTROL 1 – HIGH FLOW DUMP BOX CONTROL		
266	The Hydraulic control valves will be operated by proportional feather able in cab air controls.		

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267	The control panel assembly shall be centre console design with ergonomic operation Of control.		
268	An oil reservoir of adequate capacity shall be supplied complete with oil filter, oil level sight gauge, breather type filler cap, drain plug and oil shut off valve (oil reservoir to be the proper size for snow equipment and U Body) 26 US gallons.		
269	The valve assembly (frame mounted) will be completely closed and easily accessible from the driver's side of the chassis for washing and maintenance. (Rust proof on the inside).		
270	The front wing slide shall be provided with a 30 degree hinge to return the wing to the normal position after it has tripped.		
271	The inside height of the wing shall be 29" minimum.		
272	The outside height of the wing shall be 39" minimum.		
	<b>HYDRAULIC PUMP</b>	<b>YES</b>	<b>NO</b>
273	Direct mounted hydraulic pump in compliance with the following specification Danfoss Model 75 CC LOAD SENS installed on an Allison transmission model RDS 4000 P with clutch pack (hot shift) and P.T.O. and approved by the Municipality.		
274	The pump shall be Piston and shall be of sufficient capacity to operate continuously on Front mounted plow, on levelling wing, U Body.		
275	Spare parts manual shall be supplied with the unit.		
276	Signed manufacturer's warranty shall be supplied.		
	<b>ELECTRICAL CIRCUITS</b>	<b>YES</b>	<b>NO</b>
277	The truck should come complete with all lighting to meet the highway traffic act. If it is not in the traffic regulations, these lights should be installed.		
278	Two (2) working lights.		
279	Spotlight 4 ¾" diameter minimum sealed beam, shock free mounted on wing post, more than 12" FROM THE TOP. LED		
280	Wing light 4 ¾" diameter minimum sealed beam with amber lens, shock free mounted. LED		
281	One strobe with blue lens, to be mounted on the salt spreader or harness, and to always be visible from all sides. LED		
282	One (1) spinner – flood Light 4 ½" diameter single face each side, single white lens (located to light spinner and surrounding areas.) LED		
283	Sander lights to be completely independent from summer use of the vehicle.		



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	<b>ELECTRONIC CONTROLS</b>	<b>YES</b>	<b>NO</b>
<b>284</b>	2 sections valve Wavoil SBV220P.		
<b>285</b>	High pressure hydraulic filter should be installed		
<b>286</b>	Signed manufacturer's warranty shall be supplied.		
<b>287</b>	All hydraulic for sander shall be quick disconnected: <b>(TREAD LOCK)</b> .		
<b>288</b>	All electrical for the sander be on a 7-pin plug-in.		

It is your responsibility of the Bidder to verify if there are any Addenda.

NAME OF BIDDER: \_\_\_\_\_

*SIGNATURE* OF BIDDER: \_\_\_\_\_

NAME OF COMPANY: \_\_\_\_\_

DATE SIGNED: \_\_\_\_\_ 2025.



TENDER - Contract Road-01-2025  
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK

SECTION D - TENDER REQUEST FORM  
SCHEDULE OF PRICES

**TENDER Form 1**

I/We, the undersigned, have carefully examined the municipality specifications for Snowplow Salt Spreader U-Body Diesel Tandem Truck, and hereby submit our price for two complete units which meet the specifications as follows:

**CLOSING DATE: Tuesday, February 4<sup>th</sup>, 2025, at 11:00 a.m.**

**Truck # 1** MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_ YEAR: \_\_\_\_\_

<u>Unit</u>	<u>Price:</u>
Truck # 1 delivery price:	\$ _____
Plus 13% Harmonized Sales Tax: (H.S.T. number: _____)	\$ _____
<b>Total Net Price of complete unit As per municipality specifications:</b>	<b>\$ _____</b>

BPS The Corporation of The Nation Municipality is part of the Broader Public Service of the Province of Ontario and as such is entitled to the concessions (discounts) as arranged by the Ministry of Government Services under VOR: OSS 074423.

**ADDENDA**

I/We hereby acknowledge receipt of the following addendum issued to me/us during the tendering period:

Addendum #: \_\_\_\_\_ : Dated # \_\_\_\_\_ 2025.

Addendum #: \_\_\_\_\_ : Dated # \_\_\_\_\_ 2025.



**TENDER - Contract Road-01-2025**  
**SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

Confirmation Expected Delivery

I/We agree to deliver the unit within \_\_\_\_\_ days after the tender is awarded.

DEALER NAME: \_\_\_\_\_

SIGNATURE OF BIDDER: \_\_\_\_\_

Date: \_\_\_\_\_ 2025.



**TENDER - Contract Road-01-2025  
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

**TENDER Form 2**

**COMPLETED COPY OF ATTACHED SPECIFICATIONS AND  
CONFIRMATION SHEETS MUST ACCOMPANY TENDER**

DEALER NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

TELEPHONE: (\_\_\_\_\_) \_\_\_\_\_

FAX: (\_\_\_\_\_) \_\_\_\_\_

E-mail: \_\_\_\_\_

SIGNATURE OF BIDDER: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

DATE SIGNED: \_\_\_\_\_



TENDER - Contract Road-01-2025
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK

TENDER Form 3

BID DOCUMENT NAME: \_\_\_\_\_

BID DOCUMENT NUMBER (IF APPLICABLE): \_\_\_\_\_

- 1. I/We have reviewed all terms and conditions of all forms included as part of this bid package and in the Municipality's Procurement Policy Number F-2024-01.
2. I/We have read and understand all terms and conditions of all forms included as part of this bid package as well as the Municipality's Procurement Policy Number F-2024-01.
3. I/We understand that if our bid is chosen, all requirements of the successful bidder as outlined in this bid package as well as in the Municipality's Procurement Policy Number F-2024-01 will be completed by the time and in the format required.

Dated at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2025

Print name of Authorized Person

Witness or Seal

Signature of Authorized Person

Position

Name of Firm

Full address

( ) Cellular number

E-Mail address

( ) Telephone number

( ) Fax number



**TENDER - Contract Road-01-2025  
SNOWPLOW SALT SPREADER U-BODY DIESEL TANDEM DUMP TRUCK**

**APPENDIX "A"**

**BID LABEL AND INSTRUCTIONS**

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<p>Company:</p> <hr/> <hr/> <hr/> <hr/>	<p>Closing Date and Time: Tuesday, February 4<sup>th</sup>, 2025, at 11:00 a.m.</p>
<p><b>TENDER – DO NOT OPEN</b></p>	
<p>Description of contract: <b>Road-01-2025 Snow plow salt spreader U-Body Diesel Tandem Dump Truck</b></p> <p>Hugo Pouliot, Deputy director</p>	<p>THE NATION MUNICIPALITY 958 Route 500 West Casselman, Ontario K0A 1M0</p> <p><b>Public Works Department</b></p>

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The bidder is to clearly identify its name and address on the reserved section titled “Company”.

The bidder is to affix this label in a visible manner on top of a **SEALED** package containing all the required documents.