



**TOWN OF LUNENBURG  
RFP #TOL2025006**

**REQUESTS FOR PROPOSALS  
SALT AND PLOW TRUCK**

Proposals will be received no later than:  
**2:00:00 pm LOCAL TIME  
April 3, 2025**

Addressed to:  
Curtis Bell  
Procurement Coordinator  
Town of Lunenburg  
119 Cumberland Street  
Lunenburg NS B0J 2C0

**TABLE OF CONTENTS**

**1.0 GENERAL TERMS AND CONDITIONS..... 3**

1.1 Purpose ..... 3

1.2 Proposal Submissions ..... 3

1.3 Irrevocable Offer..... 3

1.4 Proposal Costs ..... 4

1.5 Municipal Contact for Request for Proposals..... 4

1.6 Opening..... 4

1.7 Selection Process..... 5

1.8 Modification and Withdrawal of Proposals ..... 5

1.9 Acceptance and/or Rejection of Proposals and Reservation of Rights ..... 5

1.10 Governing Law and Jurisdiction ..... 6

1.11 Proposal Form ..... 6

1.12 Freedom of Information and Protection of Privacy Act..... 7

1.13 Conflict of Interest..... 7

1.14 Nova Scotia Worker’s Compensation ..... 7

1.15 Human Rights Act..... 7

1.16 Ownership of Data and Information ..... 7

**2.0 SPECIFICATIONS AND REQUIREMENTS ..... 7**

2.1 Background and Overview..... 7

2.2 Vehicle Specifications ..... 7

2.3 Delivery ..... 8

**3.0 PROPOSAL FORM..... 9**

**4.0 SCHEDULES ..... 10**

4.1 Schedule A – Detailed Vehicle Specifications (Minimum) ..... 10

4.2 Schedule B – Technical Data Sheet..... 22

Please return the Technical Data Sheet indicating the vehicle compliance with identified specifications..... 22

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

## **1.0 GENERAL TERMS AND CONDITIONS**

Section 1 of this proposal document sets out a summary of requirements and outlines the General Terms and Conditions. The Town of Lunenburg shall hereby be referred to as the "Town", "TOL" and "Town of Lunenburg" throughout this document.

### **1.1 Purpose**

The Town of Lunenburg is seeking proposals with regard to the manufacturing, supply and delivery of a "SALT AND PLOW TRUCK" as specified within this Request for Proposal ("RFP") document.

This RFP states the instructions for submitting proposals, and procedures and criteria by which the successful proponent may be evaluated.

### **1.2 Proposal Submissions**

Any change notices, appendices and addenda issued for this Request for Proposals shall be considered part of this proposal document. The proposal is to be submitted, clearly marked with "**TOL Salt and Plow Truck**" and proposal document number, to Curtis Bell, Procurement Coordinator at 119 Cumberland Street, Lunenburg, NS B0J2C0 by delivery before the closing time on the closing date (the "Closing Time"). Proponents must submit one (1) PDF copy via email to [purchasing@townoflunenburg.ca](mailto:purchasing@townoflunenburg.ca) or on a USB drive. Erasure, overwriting or strike-outs must be initialed by the person signing on behalf of the Proponent. Proposals will not be accepted after the Closing Time. The Town shall have the right in its absolute and unfettered discretion to determine whether a proposal has been received prior to the Closing Time. Proposal prices must remain open and available for acceptance by the Town for 90 days after the Closing Time. All proposals shall become the property of the Town of Lunenburg. It is the responsibility of each Proponent to submit all required documents as outlined in this Request for Proposals. Failure to quote on all options set out may disqualify your proposal.

### **1.3 Irrevocable Offer**

The proponent hereby acknowledges that offers contained within your response to this RFP shall remain open for acceptance by the Town of Lunenburg for a period of not less than ninety (90) days from the Closing Time specified in Section 1.6. Proponents may not make modifications to their Proposals after the Closing Time.

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

**1.4 Proposal Costs**

The proponent shall be solely and fully responsible for all costs associated with the development, preparation, transmittal, submission of proposal, and any work performed prior to official appointment by the Town of Lunenburg.

**1.5 Municipal Contact for Request for Proposals**

It shall be the proponent's responsibility to clarify any points in question with the Town of Lunenburg prior to submitting the proposal. Deadline for all inquiries is **March 31, 2:00:00pm**. Inquiries regarding the specifications of the RFP should be directed to:

Name                      Curtis Bell  
Title                        Procurement Coordinator  
Email Address            [purchasing@townoflunenburg.ca](mailto:purchasing@townoflunenburg.ca)

If a proponent discovers any inconsistency, discrepancy, ambiguity, error, or omission in this Request for Proposal, they must notify the Town of Lunenburg immediately in writing.

Any revision to this Request for Proposal will be issued as an addendum to all known potential proponents. Only an addendum issued by the Town of Lunenburg will amend this Request for Proposal.

Please check the Town website [townoflunenburg.ca/purchasing.html](http://townoflunenburg.ca/purchasing.html) to determine if any addendums have been issued prior to the submission deadline.

**1.6 Opening**

Proposals will only be received by:

Name                      Curtis Bell  
Title                        Procurement Coordinator  
Email Address            [purchasing@townoflunenburg.ca](mailto:purchasing@townoflunenburg.ca)

**One (1) PDF copy** of your proposal must be received by email prior to **2:00:00 p.m.** local time, **April 3 2025**. Proposals will be signed by an official authorized to bind the Proponents, will provide the name(s), title(s), address, and telephone number of the individual(s) to be contacted during the evaluation process. Proposals received later than the specified Closing Time may be returned unopened to the Proponent.

There will not be a public opening for this RFP. As this is a proposal document for which a number of criteria will be evaluated, only the names of the Proponents who have submitted a proposal will be identified after the opening, upon request.

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

**1.7 Selection Process**

**Selection – Subject to Section 1.9 of this RFP**, the Town of Lunenburg will not necessarily accept the lowest price or any proposal. Any implication that the lowest price or any proposal will be accepted is hereby expressly negated. The successful proponent(s) will be selected based upon evaluation criteria developed by the Town which in its sole discretion will determine the manner in which each response to this RFP meets the evaluation criteria. The proposal will be awarded to one proponent only.

**Evaluation Criteria – Subject to Section 1.9 of this RFP**, each response to this RFP will be evaluated by the Town of Lunenburg to determine the degree to which it responds to the requirements set out herein. Because this is a Request for Proposals, other factors in addition to price will be considered when submissions are evaluated.

Please indicate any requirements not met in your proposal with a brief description and reasons therefor.

The Town will read, review and evaluate each proposal. The below evaluation criteria table should be used as a reference only. The Town may in its sole and absolute discretion use or alter the below criteria or use some other evaluation criteria in its entirety. Selected Proponents may be asked to make a presentation of their proposal of the Town’s selection team.

<b>Weighted Criteria</b>	<b>Weight</b>	<b>Minimum Score</b>
A) Warranty and Servicing	25	12.5
B) Delivery	25	12.5
C) Technical Specifications	20	10
D) Financial Proposal	30	15
<b>TOTAL</b>	<b>100</b>	

The selection team may make a recommendation to Town Council for the award of this RFP or components thereof.

**1.8 Modification and Withdrawal of Proposals**

Proposal prices must remain open and available for acceptance by the Town for 90 days after the Closing Time. Proponents will not have the right to change conditions, terms or prices of the proposal once the proposal has been submitted in writing to the Town of Lunenburg. All proposals shall become the property of the Town of Lunenburg. It is the responsibility of each proponent to submit all required documents as outlined in this RFP.

**1.9 Acceptance and/or Rejection of Proposals and Reservation of Rights**

The Town is not under any obligation to award a contract and reserves the right to terminate this RFP at any time, for any reason, and to withdraw from discussions with all or any of the proponents who have responded. The receipt and opening of a proposal does not constitute acceptance of any proposal.

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

The Town reserves the right to reject all or any proposals, to make changes to the procurement process and to not necessarily accept the lowest proposal. The Town may accept any proposal that may be considered in the best interests of the Town in its sole and absolute discretion. The Town also reserves the right in its sole and absolute discretion to waive any formality, informality, or technicality in any proposal. This includes the right to accept a proposal that is not strictly compliant with the instructions in the RFP document.

The Town reserves the right to negotiate, after the RFP Closing Date, with any proponent to finalize service arrangements in the best interests of the Town.

The Town shall not be bound by trade or custom in dealing with and/or evaluating the responses to the RFP. The Town reserves the right to interpret any and all aspects of this RFP as may be most favorable to the Town.

Proponents will be deemed to have familiarized themselves with existing conditions and any other conditions which may affect performance of the contract. No plea of ignorance of such conditions as a result of failure to make all necessary examinations will be accepted as a basis for any claims for extra compensation.

Proponents waive any claim against the Town for any compensation of any kind whatsoever as a result of its participation in or providing a response to this RFP process, including without limitation any claim for costs of proposal preparation or participation in negotiations, or for loss of anticipated profits, whether based in contract including fundamental breach, tort, equity, breach of any duty, including, but not limited to breach of the duty of fairness, breach of any obligation not to accept non-compliant proposals or any other cause of action whatsoever.

In submitting a proposal, the proponent has accepted the reservation of rights as set out herein and agrees to be bound by same.

**1.10 Governing Law and Jurisdiction**

Any contract resulting from this RFP shall be governed by and interpreted in accordance with the laws of the Province of Nova Scotia. Any disputes shall be determined in the courts of Nova Scotia.

**1.11 Proposal Form**

The attached Proposal Form (3.0) must be completed and submitted with all proposals for consideration. Failure to complete and submit the proposal form could lead to the rejection of the proposal.

### **1.12 Freedom of Information and Protection of Privacy Act**

The Town of Lunenburg is subject to the Municipal Government Act provisions relating to the freedom of information and protection of privacy provisions Freedom of Information and Protection of Privacy Act (FOIPOP) and associated Provincial legislation. Any proposal submitted to the Town may be required to be disclosed publicly if any request is to be made under FOIPOP.

### **1.13 Conflict of Interest**

The Proponent warrants that no conflict of interest exists with any Town staff, Council or Committee member regarding their RFP submission or with the Town's evaluation process. Should a conflict of interest exist or arise, the Town at its sole discretion may disqualify the proposal submission and/or contract as applicable.

### **1.14 Nova Scotia Worker's Compensation**

The successful Proponent must be registered and remain in good standing with NS WCB or provincial equivalent throughout the term of contract issued pursuant to this RFP.

### **1.15 Human Rights Act**

The successful Proponent shall ensure full observance of the NS Human Rights Act in all dealings related to this project.

### **1.16 Ownership of Data and Information**

All data, other information and all resulting reports and materials prepared by the successful Proponent shall be the exclusive property of the Town who reserves ownership rights to all ideas, plans, concepts, etc.

## **2.0 SPECIFICATIONS AND REQUIREMENTS**

### **2.1 Background and Overview**

The Town of Lunenburg requests firm price proposals for the supply of a 2025 or newer Five Ton Salt and Plow Truck complete with a dump box. The Town is looking to replace its existing 2009 International Salt and Plow Truck.

### **2.2 Vehicle Specifications**

Details of construction and materials, which are not the same, requested, or otherwise specified in this request for proposal, are left to the discretion of the contractor to supply their complete explanation of the detailed specifications on the fire apparatus they are supplying in their proposal. When possible explain all warranties, material information and any other relevant information to allow the Town to choose the best option possible. When specified in this RFP, material and components will be equivalent or better than listed. The detailed vehicle specifications are provided in Schedule "A".

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

**2.3 Delivery**

The delivery is the responsibility of the bidder and ownership will not be accepted by the Town of Lunenburg until the truck reaches the Public Works Shop at 177 Cumberland Street, Lunenburg, Nova Scotia the cost of which will be borne by the successful proponent.

The apparatus shall be delivered under its own power, to ensure proper break in of all components while still under warranty. A qualified delivery representative shall deliver the apparatus and a minimum of 1 (one) day to train Public Works personal in proper operation, care and maintenance of the truck and the equipment or have personal on site at the time of delivery to provide these services.

The manufacturer, at the time of delivery, shall supply all complete operation and maintenance manuals covering the complete apparatus and equipment delivered.

**3.0 PROPOSAL FORM**

NAME OF PROPONENT: \_\_\_\_\_

Do not include HST in the Amount of Proposal.

Amount of Proposal..... \$ \_\_\_\_\_ (in Canadian funds)

HST..... \$ \_\_\_\_\_

Total..... \$ \_\_\_\_\_

**Make:** \_\_\_\_\_ **Model:** \_\_\_\_\_ **Year:** \_\_\_\_\_ **Colour:** \_\_\_\_\_

**Please indicate the anticipated delivery date:** \_\_\_\_\_

**Please attach the following additional information:**

- Start and end time required to complete the work and/or deliver goods.
- Warranty period on goods and/or services.

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

Phone Number \_\_\_\_\_

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

Signature \_\_\_\_\_

Print Name & Title \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_

**Details of Proposal** – please attach your submission details as required in this RFP.

## **4.0 SCHEDULES**

### **4.1 Schedule A – Detailed Vehicle Specifications (Minimum)**

#### General

- Must be a new, heavy-duty SBA, single axle truck chassis, 4x2 with a minimum 177" wheel base, 109.90" cab to axle, and 61" axle to frame. GVWR37000.
- Truck colour: no preference.
- Front I-beam type axle with minimum 14,000 lbs capacity, wide track.
- Single rear axle with minimum 23,000 lbs. Capacity, driver control locking differential, rear wheel ends gear ratio: 6.14.
- Frame rails reinforced heat treated alloy steel, 125,000 psi yield.
- Top drawn non-polished aluminum fuel tank – D style, 16" tank depth with a minimum capacity of 50 US gallons (189 L) mounted left side under cab.
- DEF Tank 7 US gallons, frame mounted outside left rail, under cab.
- Audio back-up alarm protected from the environment.
- Two sets of keys to be supplied.
- Load weight monitoring sensor to be installed complete with digital display in cab.
- Winter hood latch to check oils.
- No power windows (crank windows is sufficient).
- Power mirrors required.
- Mirrors to be mounted similar to the following photo:



**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

Suspension

- Front suspension, spring parabolic, taper leaf, with minimum 18,000 lbs capacity and includes shock absorbers and auxiliary rubber.
- Rear suspension, 31,000 lb capacity, vari-rate springs, with 4,500 lb capacity auxiliary rubber springs.

Brake System

- Air dual system including rear parking spring actuated parking brake, long stroke brake chambers, dust shields (front and rear), air compressor complete with air dryer and heater, colour coded nylon brake lines, front and rear automatic slack adjusters, twist type drain valves.
- Air tanks to be mounted under passenger side step.
- Air dryer to be mounted inside left rail, back of cab.
- Brake stroke indicators to be installed on all wheels.
- Brake chambers to be located in front of rear wheels (see photo):



Electrical System

- 12-volt system, with 12-volt, 160 amp capacity alternator, including 3-12 volt maintenance-free batteries with a minimum of 1,950 cold cranking amps mounted 35" from the back of the cab in a steel battery box with fiberglass cover on the right side perpendicular to frame rail.
- Chassis wiring colour coded and continuously numbered.
- Auxiliary harness to be installed for auxiliary front head light and turn signals for front plow applications.
- Body builder wiring harness to be mounted at back of cab.

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

Cab

- Conventional cab, complete with sound insulation, with two arm rests, one on each door, black rubber floor covering, overhead console moulded plastic with dual storage pockets, retainer nets, and mobile radio pocket.
- Cab rear suspension air bag type.
- Seats – Driver seat model 2000 National (or equivalent) air suspension, high back with integral headrest, cloth, isolator, one chamber lumbar, with two position front cushion adjust, -3 to +14 degree angle back adjustment.
- Passenger seat non-suspension, high back with integral head rest, cloth with fixed back, with under seat storage.
- Dual sun visors.
- Two rectangular power adjusted thermostatically controlled heater heads minimum 14 inch by 7 inch flat glass 7 inch by 6 inch convex glass on both sides. Heads, brackets and arms to be black.
- Three-point seat belts, lap and shoulder belt type complete with comfort clip.
- English gauges cluster with metric speedometer and tachometer for air brake chassis, includes engine coolant temperature, primary and secondary air pressure, fuel and DEF gauges, oil pressure gauge, transmission temperature gauge, low coolant level indicator with audible alarm.
- Electronic disc style horn, front LED turn signals, includes LED side turn lights mounted on the fender and two daytime running lights included with headlights.
- Steering column tilting.
- Factory installed air conditioning with integral heater and defroster.
- Air horn lanyard pull cord.
- Power windows and door locks.
- Factory installed AM- FM radio complete with speakers.
- Dual assist grab handles.
- 360° LED amber flashing light “mini bar type” centered on top of dump box raised complete with a dash mounted switch. Factory installed switch pack.
- Five (5) clearance marker LED amber lights to be flush mounted.
- Rubber fender extensions required.
- Grill to be chrome.
- Air control suspension valve, pressure release control in cab.
- Hand control throttle engine speed control for PTO, electronic, stationary pre-set, two speed settings and mounted on steering wheel.
- Transmission TCM to be located inside cab.

Engine

- Diesel, Cummins L9 300 or approved equal, EPA 2017 minimum 300 HP @ 2,000 RPM, 80 lbs-ft Torque @ 1,300 RPM HP, 2,200 RPM governed speed, 3000 peak HP (max).
- Basic exhaust muffler only (see photo):

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**



- Block heater, 120 V minimum 1,000 watt with receptacle type socket mounted below driver's door.
- Air cleaner with single element, air cleaner restriction gauge mounted in instrument panel.
- Fuel/water separator mounted on outside left rail, 12V DC electric heater, includes pre-heater with primer pump, includes water-in-fuel sensor.

Automatic Transmission

- Automatic 5<sup>th</sup> generation controls, model Allison RDS3000 (no substitute), close ratio, 6-speed with double override with PTO provision, includes oil level sensor and synthetic oil. Transmission shift control to be a column mounted stalk shifter.
- Special accessory wiring for road speed.

Wheels

- Front wheels shall be 22.5" power coated steel, five (5) hand hole, 10 stud hub piloted, flanged nut, 9.00 DC rims with steel hubs.
- Rear wheels shall be dual disc 22.5" powder coated steel, 10 stud hub piloted, flanged nut, 8.25 DC rims with steel hubs.
- Front tires shall be 315/80R 22.5 Load Range 2 X2V-S2 Michelin.
- Rear tires shall be Load Range 11R 22.5 HXDN2 Michelin.

Hydraulics

- Front frame extension; 20" in front of grille, front cross member for hydraulic pump,

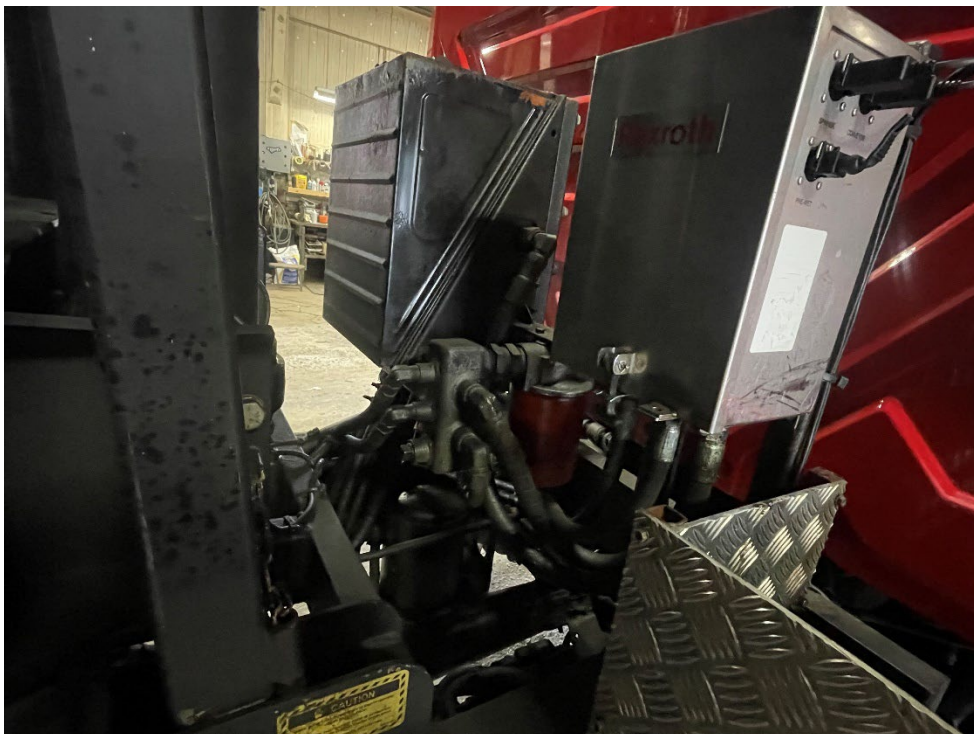
**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

mounting flange to accommodate pump. Air shift PTO and hydraulic pump commercial model 312-9113-257 or equivalent, including all hydraulics installed. Hydraulic pump tank and lines must be sized to operate all hydraulic equipment, side dump and dump box. All hydraulics to be 4-wire hose minimum.

- Hydraulic tank should be protected from the salt spreader (see photo):



- All hydraulic gear to be behind cab (see photo):



**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

- Hydraulic air tanks to be located under passenger side stop (see photos):



**Auto Grease System**

- Everything required to be equipped with an automatic grease system, Model – Groenveld CPL or approved equal. Tender shall identify any point not serviced by grease system.

**Rear/Side Dump Box and Spreader**

- The box shall be installed and include all miscellaneous materials and supplies necessary to make the unit ready for service.
- Two (2) maintenance, installation and operation handbooks and a list of parts must be provided.
- Heavy duty body serving as a spread or dump, transformed by a hydraulic tilting floor. Tenco Model TCB-10-T-AL-S-LF (or approved equal).
- Colour: Black to match plow gear.
- **Dimensions**
  - Inside width: 88"
  - Inside length: 120"
  - Side height: 27"
  - Tailgate height: 39"

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

- Front height: 3" minimum higher than cab
- Cab shield: 24"
- Capacity: 6 Cubic yards (minimum)
- Weight: 4,860 lbs.
  
- Cab Shield
  - Plate: 10 gauge
  - Cab shield height to be 60"
  
- Front Panel
  - Plate: 3/16" thick
  - Reinforcement: two (2) full length vertical "V" shaped outside breaks filled with 3/16" plate.
  
- Sides
  - Plate: 3/16"
  - Reinforcement: outside 45o tapered form at bottom.
  - Top tube: 4" x 3" x 3/16"
  - Front and rear corner posts: 10 gauge
  - Side posts: two (2) 10 gauge
  
- Tailgate
  - Double action
  - Panel: 3/16" thick, 180,000 psi steel
  - Hinge ears: 3/4"
  - Top and bottom pins: 1 1/4" cold roll
  - Spreading chain brackets: 4"x3/8"
  - Spreader chain: 2"x3/8" grade 30
  - Air release mechanism
  - Two standard size cold doors (approx. 13"x13"), one located each side of tailgate, complete with opening/closing mechanism.
  - Two standard size cold doors (approx. 13"x13"), one located each side of tailgate, complete with opening/closing mechanism.
  
- Reinforcement
  - Vertical post: 4 3/16" thick
  - Horizontal post: 2 3/16" thick
  - Hinges with grease zerks.
  - Tailgate when horizontal must be level with the body floor.
  - Air operated tailgate, control installed at operator access with warning light.
  - Safety lock keeps tailgate closed in the event the air cylinder fails.
  
- Floor
  - Plate: 3/16" thick, 180,000 psi steel
  - Quenched and tempered abrasion and shock resistant only.
  - Reinforcement: 2 15/16" flat to form honey comb
  - Structure between five – 3" x 1 1/2" x 1/8" tube traversing under floor.
  
- Floor Hinge

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

- Bolt-on for ease of removal
- Three (3) blocks held by 4x5/8" bolts grade 5.
- Pin: 1 3/4" hard chrome induction
- Grease fitting on each 1/8" tap with Velvac hose to zerks at side of body for ease of access to maintenance staff.
  
- Sub-frame Chassis
  - Two full length 10" I-beam at 25.4 lb/ft.
  
- Reinforcement
  - 3 1/4" flat welded between I-beams.
  - A 13 5/8" x 91 1/2" x 3/16" bumper welded at back of I-beams.
  - A 3" x 1 1/2" x 1/8" tube and 1/4" flat stock welded at the front of I-beams.
  - Three (3) square tubes 3" x 3" and 3/16" traverse top of I-beams joined at the end by a 4" x 3" x 3/16" tube.
  
- Longitudinal Conveyor
  - Left-hand side front discharge.
  - Integral part of the body floor
  - Frame: 3/16" thick quenched and tempered plate, 180,000 psi
  - Removable conveyor wear plate: 3/16" thick, quenched and tempered 180,000 psi, welded to frame at both ends in three (3) points.
  - Conveyor cover: 3/16" quenched and tempered plate, 180,000 psi, reinforced with 2" x 3/16" flat per section.
  
- Chain
  - Type: self-cleaning pintle (667x)
  - Overall width: 18 1/2"
  - Scraper bars: 3/8" x 1 1/4" every 9 1/4"
  - Chain capacity: 42,000 lbs
  - Front sprocket: 2 ductile cast iron grade 60
  - Rear sprocket: 2 ductile cast iron grade 30
  - Drive shaft: 1 1/4" Ø diameter high-resistance
  - Stress proof: 100,000 psi
  - Idler shaft: 1" Ø diameter steel superior atlas 90,000 psi
  - Bearing: self-lining and greaseable
  - Tension of chain: provided by two grease adjustable activators without use of threaded rod or lock type nuts in the mechanism.
  
- Driving Mechanism
  - Type: worm gear, 25:1 ratio gear box
  - Driving gear: tempered steel.
  - Driven worm gear: bronze.
  - Torque capacity at 100 rpm: 13,740 pd/inch.
  - Mounted on cone-shaped ball bearings.
  - Gear box cover is provided with filler cap and oil level gauge.
  - Gear box assembly installed on discharge end: 5 bolt-on.

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

- Spinner Assembly
  - Type: sealed shaft with hydraulic motor on top.
  - Chassis mounted with height and width adjustments.
  - Two embedded self-greasing ball bearings.
  - Hydraulic motor: CHAR-LYNN 30 cu.in. (or approved equal)
  - Ultra-light and non-adhesive polyethylene feeding chute reinforced by a steel support.
  - Urethane spreading disk 18" diameter, mounted on spinner.
  - LED spinner work light to be located in such a manner that other components do not interfere with its illumination of the working components.
  - LED work lights to be mounted on cab to illuminate the conveyor chain.
  
- Hydraulic Cylinders
  - Front hoist: CS-110-5-3, three (3) stages
  - Capacity: 20 tons at 12,000 psi
  - Cylinder stages: quenched and polished.
  - 2-year warranty against corrosion.
  - Rod seal type.
  
- Tilt Floor Hydraulic Cylinders
  - Double-acting.
  - Combined lifting capacity: 19 tons at 2,000 psi.
  - Shafts: "Q-P-Q" (quench-polish-quench) treatment.
  - 2-year warranty against corrosion.
  - Size: 3 ½" diameter Ø x22 ½" stroke.
  - Tilting angle: 55° position to the vertical axis.
  - Cylinder ends: 4" bushing with grease groove and zerks.
  - Pin: 1" Ø diameter cold roll steel 60,000 psi
  - Bottom cylinder bracket: cast iron ASTM A27
  - GR65-35 annealed.
  
- Application System
  - Compu-spread – Model Rexroth 440 Solid and Liquid (or approved equal).
  - Ground speed system.
  - Truck must be equipped with a disruption system able to accurately deliver various predetermined spread rates and spread patterns as determined by the owner.
  - Controller able to produce multi-rates for both solid and liquid (for future use) applications, fully programmable through PC configuration software, data recovery.
  - Supplier to provide equipment, if necessary for uploading/downloading data.
  
- Valve Bank
  - The valve block is mounted on chassis in a sealed cabinet.
  - Sectional type sections.
  - Inlet with pressure relief.
  - Outlet with "Power Beyond" plug.
  - Front tower section with port relief on the down side.

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

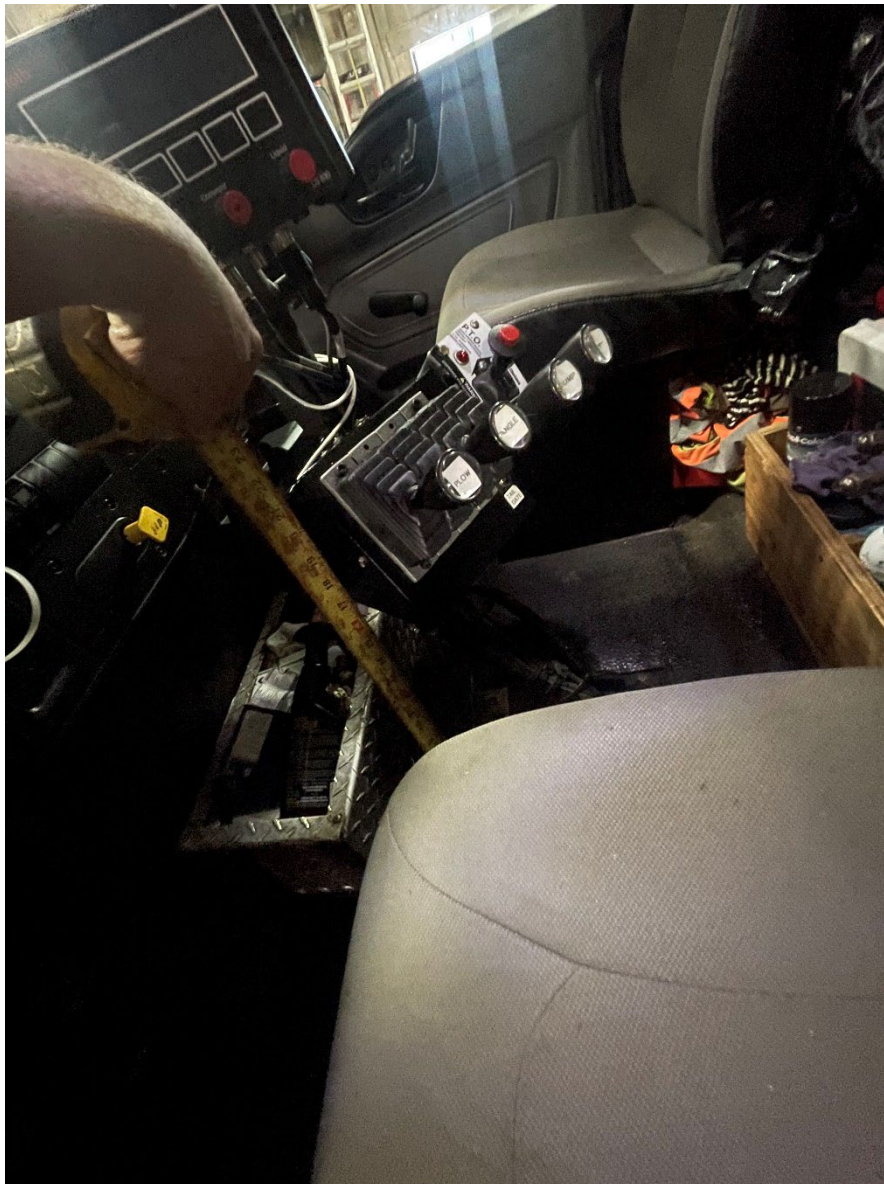
- Tilt floor sections with port relief (500 psi) on down side.
- Hoist cylinder section double action with return to reservoir to increase speed of collapse.
- Control Layers
  - Controls to be air actuated with cab in feathering controls.
- Oil Reservoir
  - 10 gauge with baffles.
  - Adequate capacity to operate hoist, plow and box.
  - Oil level gauge.
  - 10 micron filter.
  - Breather cap.
  - Drain plug.
  - 1 ¼" shut off valve will be installed on the suction line.
- Light System
  - Lighting system will meet Highway Code standard.
  - All the electric system will be vapour-proof type to resist corrosion (by salt).
  - All electric wires will be inside polyethylene conduit; will be threaded, made of nylon and water resistant.
  - Lights will be provided with a "Die Cast" type box.
  - An O-ring between the lens and the box will be water-proof.
  - Electric joints will be welded and will start from a water-resistant junction box.
  - Two (2) rear mounted work lights, license plate bracket and backup beeper to have protective mesh.
  - Two (2) 3"x7" amber LED strobe warning lights mounted vertically in rear posts of dump box.
  - Two (2) 3"x7" LED red tail signal lights, flush mounted in rear posts of dump box.
  - All box marker lights to be LED.
- Minimum Safety Accessories
  - Safety leg to hold the body in the raised position.
  - Safety leg to hold the floor in the raised position.
  - Set of four (4) rubber mud flaps (24" wide) mounted at 12 inches from the ground.
  - Safety stickers supplied and installed.
  - PTO shaft to have proper mesh guards that are easily removable for service.
  - A minimum five (5) rung box ladder (three (3) rungs below box, two (2) rungs mounted on the side of dump box) to allow comfortable operator access complete with grab handle assist.
  - Conspicuity sheeting installed, sides and rear.
  - Safety inspected in Nova Scotia and have a 5-lb. fire extinguisher, No. 2 first aid kit and a safety triangle flare kit.
  - Supply and install manual operating tarp system.
- Miscellaneous

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

- Price shall include training for the applicator system data recovery and software setup programming, etc. and all applicable manuals.
- A representative must review the operation the vehicle including the with several Public Works staff members.
- Prices to include complete undercoat of chassis, box and associated equipment rust preventative products.

Front Plow and Gear

- Front plow and gear only. No wing. No gears or control for wing.
- 10 ft Tenco TCP-10S-42-E4-HA2 Plow (or equivalent).
- Tilt hitch for plow.
- In cab controls (pneumatic controls) see photo:



**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

- Hydraulic pump (P5100 16 gmp pump)
- Plow lights to be mounted on plow gear (see photo):



**4.2 Schedule B – Technical Data Sheet**

Please return the Technical Data Sheet indicating the vehicle compliance with identified specifications.

<b>GENERAL INFORMATION</b>	
Year, Make & Model Number	
<b>TRUCK : MANUFACTURER/MODEL</b>	
Wheelbase (in)	
Cab to Axle (in)	
Axle to Frame (in)	
Front Frame Extension (in)	
Front Frame Extension Integrated with Frame	<input type="checkbox"/> YES <input type="checkbox"/> NO
Front I Beam Capacity (Lbs.)	
Rear Axle Capacity (Lbs.)	
Fuel Tank Size (US Gal)	
Frame & Extension Reinforced to 120,000 psi	<input type="checkbox"/> YES <input type="checkbox"/> NO
Driver Control Lock Up Rear End	<input type="checkbox"/> YES <input type="checkbox"/> NO
Audio Back Up Alarm	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>SUSPENSION</b>	
Front Capacity (Lbs.)	
Shock Absorbers	<input type="checkbox"/> YES <input type="checkbox"/> NO
Rear Capacity (Lbs.)	
Auxiliary Spring Capacity (Lbs.)	
<b>ELECTRICAL SYSTEM</b>	
Alternator Output Capacity (Amps)	
<b>CAB</b>	
Driver Seat Model	
360 Degree Flashing LED Amber Light	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>ENGINE</b>	
Engine Type (# of Cylinders, etc.)	
Rated HP (HP)	
Governed RPM (RPM)	
Block Heater (Watts)	

<b>AUTOMATIC TRANSMISSION</b>
-------------------------------

**REQUEST FOR PROPOSALS for:  
SALT AND PLOW TRUCK**

Model	
Speeds (#)	
<b>WHEELS</b>	
Front: Type and Size	
Rear: Type and Size	
<b>HYDRAULICS</b>	
Pump Make and Model	
Pump Capacity (GPM and PSI)	
Tank Capacity (US Gal)	
<b>REAR/SIDE DUMP BOX AND SPREADER</b>	
Make/Model	
Inside Width (In.)	
Electronic Application Model	
Inside Length (In.)	
Side Height (In.)	
Tailgate Height (In.)	
Cab Shield Width (In.)	
Safety Accessories (Type)	
Weight (Lbs.)	
Manual Tarp System	<input type="checkbox"/> YES <input type="checkbox"/> NO
<b>FRONT PLOW AND GEAR</b>	
Make/Model	
Plow blade length (ft)	
Hitch make/model	
Type of in cab controls	
Hydraulic pump (type)	