REQUEST FOR PROPOSAL 07-2025

Supply of Snowplow Truck and Equipment

Issued: November 21, 2025

Deadline for Submissions: December 12, 2025

The Corporation of the Town of Shelburne

203 Main Street East | Shelburne, ON L9V 3K7

Phone: 519-925-2600 | Fax:519-925-6134 | Email: treasurer@shelburne.ca

PROPOSAL REQUIREMENTS

Request for Proposal submissions must include Schedule A, B, C and Request for Proposal Form.

Request for Proposal submissions are to be addressed by email only to Carey Holmes, Treasurer at treasurer@shelburne.ca **with the subject line clearly stating RFP 07-2025 Submission.**

Emails must be sent no later than **3:00 p.m. (15:00 hours) local time**, on the specified closing date; Friday December 12, 2025.

Late bids will not be accepted.

November 21, 2025	Request for Proposal Issued
December 05, 2025 by 4:30 pm *(questions & addendums (if any))*	Deadline for electronic questions to Municipality (wthomson@shelburne.ca) from Interested Suppliers; Replies will be circulated to all Suppliers: Addendums (if necessary) will be the responsibility of the bidder to download from the town website at shelburne.ca or merx.com
December 12, 2025 (3:00 pm)	Closing date for Proposal Submissions
December 19, 2025	The Municipality will award the Request for Proposal and notify the successful Proponent

All questions, technical or otherwise, pertaining to this Request for Proposal should be directed by email only to:

Will Thomson

Manager of Operations, Parks, and Facilities

wthomson@shelburne.ca

Deadline for emailed questions will be **Friday December 05, 2025 at 4:30pm**.

Responses and clarifications requests will be provided to all Proponents in writing. No clarification requests will be accepted by telephone.

PROPOSAL FORMAT

Proposals will not be considered unless:

- Received by date and time specified – Friday December 12, 2025 – 3:00 pm EST.
- Received Tender Pricing Form signed by Proponent with authority to bind the Company.
- Specifications of new Single Axle Cab & Chassis Truck complete with Snowplow Equipment.
- Company Profile including Certifications and Accreditations along with relevant experience.
- References of similar projects from previous/existing Vendors.
- Copy of Contractor's current insurance certificates and WSIB clearance certificate.

PROPOSAL EVALUATION CRITERIA

Proposals will be assessed on the information provided in the proposal. Evaluation will be based upon the following items:

- Price - 40%
- Conformity to Specification - 20%
- Customer Service and Part Support - 20%
- Conformity to Town Fleet - 10%
- Value added features or Options - 10%

Note: Lowest or Any Proposal not necessarily accepted.

Please Be Advised

Proposals that are incomplete, conditional, illegible, or obscure or that contain additions not called for, reservations, erasures, alterations, or irregularities of any kind, may be rejected as informal. Bidders are required to fill in all the blanks.

A Proponent may, without prejudice to himself, withdraw his tender at any time up to twenty-four (24) hours before the time set for the closing of the tender. Such withdrawal shall be made in writing and be received by the Town within the specified time. The

Proponent who has withdrawn their Proposal may submit a new Proposal but must be received by the Town on or before the closing date and time. After closing, the Proposals are final and binding on the Proponent.

TERMS AND CONDITIONS

ADDENDUM

If an addendum is found to be necessary, it will be released to all companies that have requested a copy of the RFP, or already submitted a Proposal for the RFP. If the Town revises this RFP, any revisions will be included in this Addendum. The Addendum shall advise any changes to the Proposal submission date if more time is allowed for all Proponents to revise their Proposals. It will be the responsibility of all Proponents to download from the Town website or Merx.com.

CONFIDENTIALITY

In accordance with the Municipal Freedom of Information and Protection of Privacy Act. R.S.O. 1990, as amended, Proponents are advised that all correspondence provided by a Proponent responding to this RFP as hereby collected under the authority of the Municipal Act, 2001 and will be used exclusively in the RFP process. The Town will treat all Proposals as confidential within the boundaries of the Municipal Freedom of Information and Protection of Privacy Act (MFIPPA) but may be released pursuant to the Act.

All public reports approved by the Town of Shelburne will become public information. Notwithstanding the foregoing, Proponents recognize and agree that the Town will not be liable in any way for any losses that the Proponent may suffer from the disclosure of information to third parties.

CONFLICT OF INTEREST

The Proponent must disclose to the Town any potential conflict of interest that might compromise the project. In the case where there might be a conflict of interest, the Town may refuse to consider the Proponent. The Proponent must fully disclose any potential conflict of interest with a Town employer, board member or commission that may have a financial gain with the awarding of the contract and state the nature of that interest.

FAILURE OR DEFAULT OF PROPONENT

If the Proponent, for any reason, fails or defaults in respect of any matter or thing which is an obligation of the Proponent under the terms of the RFP, the Town may disqualify the Proponent from the RFP and/or from competing for future bid opportunities (RFTs/RFQs/RFPs/etc.) issued by the Town. In addition, the Town may at its option either: 1. Consider that the Proponent has withdrawn any offer made, or abandoned the Agreement if the offer has been accepted, whereupon the acceptance, if any, of the Town shall be null and void; or 2. Require the Proponent to pay the Town the difference between its Proposal and any other Proposal which the Town accepts, if the latter is for a greater amount and, in addition, pay the Town any cost which the Town may have incurred, by reason of the Proponent's failure or default, and further, the Proponent will indemnify and save harmless the Town its officers, employees and agents from all loss, damage, liability, cost, charge and expense whatever, which it, they or any of them may suffer, incur due to the failure of the Proponent.

INDEMNIFICATION

The Proponent shall indemnify and save harmless the Corporation of the Town of Shelburne, it's elected officials, officers, employees, and agents from and against all losses and all claims, demands, payments, suits, actions, recoveries and judgements of every nature and description made, brought or recovered against the Town by reason of any act or omission of the Proponent, his agents or employees, in the execution of his work. This indemnity shall be in addition to and not in lieu of any insurance to be provided by the successful Proponent in accordance with the RFP.

INSURANCE

The party to whom this Contract is awarded shall supply the Town with proof of insurance and a copy of the policy, prior to signing of the Proponent by Town officials, and provide coverage throughout the term of the Proposal in the amounts outlined below.

Comprehensive General Liability Insurance with a minimum limit of liability of $5,000,000.00 inclusive of any one occurrence. Comprehensive General Liability Insurance shall cover all operations and liability assumed under the Contract with the Town. The Comprehensive General Liability Insurance shall include premises and operations liability, Proponent's contingency liability with respect to the operations of Sub-contractors completed operations liability and automobile liability (owned, non-owned or hired units).

All premiums and expenses incurred with this insurance shall be paid for by the Contractor. Failure to maintain adequate insurance, the Proponent shall be totally responsible for all claims for damage.

LIMITS AND LAWS/CONFORMITY TO LEGISLATION

The Proponent shall obtain, and pay for all required permits from Federal, Provincial and Municipal Authorities having jurisdiction over the work. The Proponent shall comply with all applicable laws, ordinances, rules, and regulations including but not limited to, the Occupational Health and Safety Act, the Labour Act, Environmental Protection Act and Highway Traffic Act.

NON-COLLUSION

A Proponent is prohibited from any communication, directly or indirectly, with any other Proponent/Agent or representative of the Proposal. If a breach is discovered, the Town reserves the right to disqualify the Proposal.

PAYMENT

Payment shall be based on thirty (30) days following the delivery of the complete unit and based upon invoiced amounts. If there are any shortages or deficiencies, a suitable amount will be withheld. Partial payments may be negotiated based upon successful inspection of one (1) complete unit (truck and plow equipment / combo sander body).

PROCUREMENT POLICY

Contract Award and Execution shall be in accordance with the Town's Municipal Procurement Policy 2019-05. A copy of the Procurement Policy is available on the Town website: https://www.shelburne.ca/media/vg5ntimp/amended-municipal-procurement-policy-2019-05.pdf

TOWN'S RIGHT TO ACCEPT OR REJECT

The Town of Shelburne reserves the right to accept any Proposal or Proposals or any portion of any Proposal that the Town determines is in the Town's best interests, even if that Proposal is not the lowest in dollar amounts. Such decisions of the Town are final and binding.

The Town of Shelburne reserves the right to reject any Proposal, even if that Proposal is the lowest in dollar amounts and may award the contract to the Proponent that the

evaluation team finds the most appropriate. The Town will not be liable for any incurred costs that may arise from submitting the Proposal.

It is not the intention of the Town to award this RFP to any Supplier who does not furnish satisfactory evidence that he/she has the ability and experience in this class of work, and that he has sufficient capital and plant to enable him to prosecute and complete the same successfully, and to complete it in the time stated in this Proposal. It will be the Supplier's responsibility to clarify any details in questions before submitting a Proposal.

The Town of Shelburne will not bear any fault for any oral communications. The Town reserves the right to re-tender the Project or potentially negotiate a contract with a suitable Proponent.

Proponents are required to disclose their legal status as to whether they are a Federal, Provincial or Foreign Corporation, a partnership or an individual and to state the names and addresses of the responsible officers or partners as the case may be.

TOWN'S AUTHORITY

The Director of Development & Operations shall be the Contract Administrator as identified in Ontario Provincial Standards (O.P.S.) Section GC 3.01 of the General Conditions. It is mutually agreed between the parties of this Contract that the Town's Director of Development & Operations or designated representative, shall supervise, direct, and approve all work included herein, and in all cases shall decide every question which may arise relative to the execution of the work to be performed under this Contract as per Section GC 7.0 – Contractor's Responsibilities and Control of the work.

WORKPLACE SAFETY AND INSURANCE BOARD

A Certificate of Clearance from the Workplace Safety and Insurance Board (WSIB) must be provided prior to the commencement of the project, providing adequate proof that all payments by the Proponent have been made.

The Proponent clearly understands and agrees that they are not, nor is anyone hired by the Proponent, covered by the Corporation of the Town of Shelburne under the Workplace Safety & Insurance Board Act, The Unemployment Act, or any other Act, whether Provincial or Dominion, in respect of the Proponent, their employees and operations, and shall upon request furnish the Town with such satisfactory evidence that the Proponent has complied with the provisions of any such Acts.

The Town of Shelburne is not to be deemed the employer of the supplier or their personnel under any circumstances whatsoever.

SCHEDULE A – SPECIFICATION

SPECIFICATIONS FOR TRUCK		
SPECIFY: YEAR/MAKE:		
SPECIFY: MODEL – SET BACK AXLE:		
VEHICLE WEIGHT		
G.V.W. – 19,500 kg. **SPECIFY:** kg		
The allowable G.V.W. as supplied shall be shown on a metal/mylar tag.	YES	NO
Chassis Weight - 5,000 kg. min. **SPECIFY:** kg		
ENGINE		
Diesel High Torque 330 H.P. minimum		
SPECIFY: MAKE:		
SPECIFY: MODEL:		
Number of cylinders: 6 IN LINE six	YES	NO
Peak H.P. – 330. **SPECIFY:** HP @ RPM		
Net H.P. – 330. **SPECIFY:** HP @ RPM		
Gross Torque - 1,150 lb. ft. min. **SPECIFY:** lb.ft.@ RPM		
Net Torque. **SPECIFY:** lb.ft. @ RPM		
Engine Weight. **SPECIFY:** lb		
Displacement **SPECIFY:** litres		
Air Cleaner - Heavy Duty - Dual element. **SPECIFY:**		
Driver in-dash control for engine air intake for summer / winter operations.	YES	NO
Oil Filter - full flow type mounted on the engine (remote location not acceptable) - 2L capacity. **SPECIFY: CAPACITY** litres		
Alternator - shall be a brushless 145 amp. min. capacity(3SI) high current output at low idle speed. **SPECIFY:**		
Governor - engine governor, electronic.	YES	NO
Battery - Three maintenance free 12-volt batteries to be supplied and shall have a total cranking capacity of 1900 CCA @ 0° F. **SPECIFY:** CCA		
If batteries are mounted behind the cab, they shall be clear of sanding equipment and wing tower.	YES	NO
For the hydraulic pump; P.T.O. must be front mounted. Crankshaft shall be provided with an adapter for P.T.O drive. Pumps to have cab-mounted, driver-operated disconnect.	YES	NO
NOTE:		

Where a crankshaft is located low enough to allow the front mounted pumps to operate with sufficient clearance below the radiator, crankshaft access permitted through radiator. **SPECIFY:** whether crank adaptor locate below O.E.M. rad or has cut-out through bottom of rad for access. **SPECIFY:**		
Extend life Anti-freeze - 40°C.	YES	NO
Fan clutch – temperature-controlled Type:	YES	NO
High temperature and low-pressure engine protection alarm bell or buzzer device.	YES	NO
Radiator stone screen & guard in behind grille.	YES	NO
Air compressor 16.5 CFM Type:	YES	NO
Fuel water separator.	YES	NO
TRANSMISSION		
Transmission – Allison 6 speed 3000 RDS P Automatic.	YES	NO
Transmission minimum torque. **SPECIFY:**		
Auxiliary transmission cooler.	YES	NO
Locking main differential operator-controlled dash mounted switch.	YES	NO
Synthetic transmission fluid.	YES	NO
Transmission temperature gauge – dash mounted.	YES	NO
CHASSIS		
Wheelbase approx. 180”, Cab to axle approx. 102”. To be confirmed with box supplier. **NOTE:** Clear effective / usable C.A. required.	YES	NO
Front axle capacity at ground - 20,000 lb.	YES	NO
Rear suspension - 31,000 lbs.	YES	NO
Heavy duty front shock absorbers & front springs shall be supplied.	YES	NO
Front Springs shall be Heavy Duty multi leaf 10,000lbs each @ ground.	YES	NO
Rear Axle – heavy duty helper springs 4,500 lbs auxiliary.	YES	NO
CAB		
Conventional cab with a full front tilt hood, stationary CHROME grill separate from hood fixed in front of rad, rock guard and bug screen, hood service hatches that will not interfere with a front mounted P.T.O. / tandem front mount pumps.	YES	NO
Air ride Cab. Colour keyed cab valance panels (fill in panels below cab). Colour keyed exterior sun visor w/LED clearance lights. Right passenger door comes with lower Fresnel window. R.H cab mounted look down convex mirror. All windows to be O.E.M tinted. In-cab O.E.M mounted fire extinguisher, first aid kit and triangle reflector kit. 18” tilt/telescopic steering wheel. Suspended accelerator, brake pedals.	YES	NO

2” in-dash cup holders. Medium grey interior. For sound (Max 80 D.B.A.) interior cab noise and heat protection, premium interior pkg. w/insulated / padded door panels, cloth headliner and complete back wall panel. Heavy duty insulated rubber floor mats.		
Heavy duty, high back, 100% **CLOTH** Seats with foam rubber cushions. **SPECIFY:**		
Both seats shall be a BOSTRUM, Talladega 914 Model (or equivalent) with arm rests, and must have a fully adjustable air ride suspension, with fore/aft leg reach setting, front seat cushion height adjustment for leg support and manually adjustable lumbar supports. **SPECIFY:**		
Power windows with driver and passenger controls on doors.	YES	NO
HEAVY DUTY floor mats – rubber.	YES	NO
Interior sun visors - dual adjustable.	YES	NO
Windshield wipers - shall be **Heavy Duty** with intermittent feature and have winter wiper blades.	YES	NO
Mirrors: Two outside power and heated mirrors 6”x16” chrome or stainless-steel west coast style with L.E.D. lights and two 8” convex mirrors west coast type, Cab mount, both heated. **SPECIFY:**	YES	NO
The mirrors shall be electrically heated to prevent fogging and ice build-up.	YES	NO
Fresh air heater and defroster with 3 speed fan and side window defrosters plus 2 directional fans one for passenger window and one for driver windshield.	YES	NO
Factory installed, cab pressurizing air conditioning shall be supplied.	YES	NO
Electronic engine throttle / cruise control shall be supplied.	YES	NO
Fuel gauge shall be supplied.	YES	NO
Voltmeter shall be supplied.	YES	NO
Water temperature gauge shall be supplied.	YES	NO
Oil pressure gauge shall be supplied complete with an automatic low oil pressure engine light & alarm.	YES	NO
Tachometer shall be supplied.	YES	NO
Air filter restriction gauge shall be mounted in the dash.	YES	NO
Engine hour meter shall be supplied.	YES	NO
Grab bars on each side to assist easy entry and exit.	YES	NO
Air Horns - shall be supplied complete with snow shields.	YES	NO
Muffler to be mounted on the truck frame and not interfere with snowplow equipment. Vertical exhaust stack – chromed – not to protrude past rear corner of cab on passenger side. Stack to have elbow at top. **SPECIFY:** where O.E.M. DPF is located:	YES	NO
The exhaust stack shall have a heat guard for burn protection.	YES	NO

O.E.M. in-dash AM – FM weather radio shall be supplied.	YES	NO
Rubber fender extensions on each front wheel opening to help check road spray shall be supplied. O.E.M. full width lower front ¼ fender mud flaps /guards required to keep road debris off of fuel tank / cab entry steps.	YES	NO
Inner fender splash guards / sound abatement designed to keep engine area free of road dirt.	YES	NO
The electrical system should be supplied with circuit breakers instead of fuses.	YES	NO

FRAME

Rear axle to rear of frame distance approx. 60 in. after frame and verified with body manufacture.
SPECIFY:

Frame shall be supplied as follows: - **Or Equivalent.**	YES	NO

MAKE	FRAME	REINFORCING	MATERIAL YEILD STRENGTH	SECTION MODULUS	RESISTANCE BENDING MOMENT
	14.12x3.06x.312	Double Channel	120,000	30.0	3,300,000
	10 1/2x3 1/2x5/16	10 13/16x3 13/16x5/16	120,000	31.10	3,421,000

Resisting bending moment (Section Modulus x yield strength) shall be 3,100,000 lb. in. min. Section Modulus shall be 28.0 minimum.

SPECIFY:

FRAME SIZE:

REINFORCING SIZE:

MATERIAL YIELD STRENGTH:

SECTION MODULUS:

RESISTANCE BENDING MOMENT:

18" FRONT FRAME EXTENSION w/1/4" channel reinforcement.

A MTO cross member shall be installed within 10 in. of rear of cab to transfer snowplow wing push to each frame rail. NOTE: MTO x-member to be to MTO drawing.	YES	NO
Left side of frame shall be kept clear 90 in. forward of centre of rear axles for the sander spinner assembly.	YES	NO

STEERING

Power steering shall be supplied with heavy duty dual steering boxes.	YES	NO
There shall be a filter for the steering fluid, and it shall be serviceable without dismantling any power steering components.	YES	NO

AXLES

Front axle shall be 20,000 lb. capacity min. **SPECIFY: CAPACITY** lb		
Rear axle shall be 23,000 lb. capacity min. with 31,000 lb. suspension. **SPECIFY: CAPACITY** lb		
Rear axle shall use synthetic oil & magnetic oil plug supplied.	YES	NO
Rear axle shall be single speed with limited slip differential.	YES	NO
Front axle: SET BACK – **SPECIFY:** Distance from front bumper > centre of front axle: **SPECIFY: ".**		
Road speed at rated RPM in top gear shall be l00 Km/hr approximately. **SPECIFY: SPEED** km/hr		
Rear axle ratio. **SPECIFY:**		
BRAKES		
Service Brakes - full air brakes shall be supplied with ABS.	YES	NO
Front brakes, size 16 1/2 x 6 in. min. shall be supplied. S Cam type. **SPECIFY: TYPE SIZE** mm		
Rear brakes, size 16.5 x 7 in., min. shall be supplied. S. Cam type with two 3030 brake chambers. With long stroke life maxi pots. **SPECIFY: TYPE SIZE** mm		
Brakes shall be in accordance with MVS 121 U.S. Standards.	YES	NO
Bendix Westinghouse AD-9 air dryer to be supplied. **SPECIFY:** Location:	YES	NO
Brake chambers on rear drive axle shall not extend beyond rear tires i.e., inverted.	YES	NO
Low Pressure Indicator to be supplied.	YES	NO
Automatic drain valves with heater shall be supplied to drain moisture from the air tank.	YES	NO
Alcohol injector to be supplied on the brake system in an accessible location.	YES	NO
WHEELS AND TIRES		
10 bolt Hub Pilot Wheels c/w Teflon Spacer Plate.	YES	NO
Rims and tires shall be of the tubeless type.	YES	NO
Front Wheel rim size shall be 22.5 x 12.25 in. **SPECIFY:** Powder coated – Grey. **SPECIFY:**		
Front tire size shall be 425/65R x 22.5. **SPECIFY:**		
Front tires shall be 20 ply Michelin. **SPECIFY:**		
Dual rear wheels shall be supplied.	YES	NO
Rear wheel rim size shall be 22.5 x 8.25 in. **SPECIFY:** Powder coated – Grey. **SPECIFY:**		
Rear tires shall be 16 ply – Michelin M&S. **SPECIFY:**		
PAINT		
Paint shall be YELLOW, PPG HSB945543, DELFLEET SPU9000 Base Clear	YES	NO

or approved equal.		
FUEL TANK		
80 U.S. gallon (minimum) 'non polished' aluminium tank shall be supplied. **Tank shall not extend beyond rear of cab.** This area may be needed for spinner modifications. **SPECIFY:** gallons.	YES	NO
Tank shall be mounted on left hand side and shall include a helper step fastened to bottom of tank.	YES	NO
LIGHTS & WARNING DEVICES		
Two, fender mounted, 4 in. diameter amber directional lights, facing front.	YES	NO
Rear red directional lights shall be supplied.	YES	NO
Five identification streamlined cab lights shall be supplied (LED).	YES	NO
Four-way flashers shall be supplied.	YES	NO
Back-up lights shall be supplied.	YES	NO
102 DBA back-up alarm.	YES	NO
Unit to have completely sealed lighting system with corrosion proof and waterproof junction box and lamps.	YES	NO
Individual wires to each lamp, no splicing.	YES	NO
All wires protected with polyethylene tubing.	YES	NO
Sealed 7 wire trailer plug wiring to rear of chassis frame with electric brake controller in cab.	YES	NO
O.E.M. auxiliary plow wiring harness under hood for plow lights c/w O.E.M. in dash headlight switch.	YES	NO
O.E.M. 2-way radio mounting bracket w/power supply and ground.	YES	NO
1250 watt plug in block heater – plug in to be located under cab on drivers' side.	YES	NO
WARRANTY AND SERVICE LITERATURE		
Signed Manufacturers factory warranty shall be supplied.	YES	NO
Shop Manual and Parts Book shall be supplied including Shop Manual for Engine.	YES	NO
NOTE: This specification lists only the major details of a unit, therefore it is the supplier's responsibility to deliver a fully-equipped vehicle with compatible components to provide dependable efficient service.		
OPTIONS		
CPL automatic lubrication system for chassis and plow equipment. Note: Town wants to approve the location of canister / pump before installation. Groeneveld only.	YES	NO

DELIVERY DATE

Delivery date of completed unit to the Town of Shelburne's Operations Yard at 124 Luxton Way, Shelburne. **DATE:**

NOTE:

- Complete manufacturer's literature and specifications shall accompany each quotation.
- These specification sheets shall be completed and returned with the quotation form.
- The unit shall be delivered complete with snowplow equipment as specified in RFP 07-2025.
- Licensing shall be done by the truck dealer and invoiced separately to Town at time of delivery. Annual Inspection Sticker supplied by truck dealer.
- All warranty to start when put into service or licensed by the Town.
- When this truck is being built, all components and accessories must be placed so they will not interfere with each other and situated with the operators' safety and comfort in mind.
- Turning radius profile to be submitted w/bid submission.
- Please include prices for any available options that may be beneficial.

SCHEDULE B: SNOWPLOW UNIT

SPECIFICATIONS FOR POWER REVERSIBLE PLOW		
MAKE: VIKING		
MODEL – SET BACK AXLE: VCL36R1245C		
These specifications describe a hydraulic ram reversible snow plow with ultra high molecular polymer moldboard and safety trip edge with torsion style trip springs.	YES	NO
SPECIFY: MAKE:		
SPECIFY: MODEL:		
In the straight ahead bulldozing position it shall be possible to clear an 12' wide path.	YES	NO
The plow will be hydraulic ram reversible from 42 degrees right to 42 degrees left allowing the plow to perform at all angles in between.	YES	NO
Set at a 35 degree angle the plow will clear a path of 8'-9" wide. A 10-gauge steel backup plate will provide reinforcement for the 3/8" polymer moldboard material.	YES	NO
The moldboard height shall be a constant 38" over the entire length of the plow.	YES	NO
Moldboard braces shall be of telescopic design.	YES	NO
Connection points of the telescope brace to the moldboard, the drive frame to the moldboard, and the hydraulic power angling cylinders to the moldboard and the "A" frame will be fitted with spherical bushings.	YES	NO
The spherical bushings will provide free oscillation of the moldboard plus or minus a minimum of 30 degrees on each side of its drive points.	YES	NO
All spherical bushings will be grooved for lubrication and fitted with grease fittings.	YES	NO
Drive frame will be "A" style, manufactured of 3 1/2" x 3 1/2" x 1/4" minimum square structural tube.	YES	NO
Drive frame stiffeners will be ½" minimum.	YES	NO
Integral heavy duty self-leveling device capable of keeping the cutting edge parallel to the road surface while in the carrying position regardless of the degree of angle.	YES	NO
Push point spacing will be 30 ½" center to center to suit standard push frame.	YES	NO
A safety trip edge will provide protection from road hazards. This mechanism will provide a pivoting movement of the blade when hitting an obstacle.	YES	NO
The trip edge will be designed and manufactured as a one section trip	YES	NO

assembly. Multiple sectional trip edges with lock out bolts or pins required for conversion to a one-section trip is not acceptable.		
Hydraulic power angling cylinders (2), 3" base diameter by 20" Stroke to provide reversing action.	YES	NO
Cylinders to be nitrated and must be 'HARDENED CHROMED'.	YES	NO
A crossover relief valve will provide cushion impact protection.	YES	NO
Hydraulic hoses will be complete with hydraulic quick disconnects.	YES	NO
All steel to be shot blasted, epoxy primed and finish paint to be Medium Gloss BLACK.	YES	NO
Drive frame to be complete with QUICK-ATTACH swivel.	YES	NO
½" x 12" rubber deflector bolted across top of moldboard.	YES	NO
Flag staff on each end of plow.	YES	NO
Standard ½" cutting edge.	YES	NO
One curb runner right side VCL.	YES	NO
One curb runner left side VCL.	YES	NO
The plow shall be fitted with two cast steel mushroom push frame shoes.	YES	NO
Salt Saver underbody plow VCLUB11FL32 plus Trip Section9'30 degrees743 lbs.2000 lbs. @ 1000 PSI hydraulic pressure.	YES	NO
CONTROLS AND VALVES		
Proportional featherable air controls shall be supplied one for each of the eight valve sections.	YES	NO
An air dryer lubricator and air protection valve shall be installed in the air control system.	YES	NO
The air control mounting stand will be fully adjustable and located between the driver and passenger seat within easy view and reach of either occupant.	YES	NO
Adjustable control stand to be mounted at rear of cab wall on floor between drivers and passengers seats for ease of removing engine cover and to allow more room in cab.	YES	NO
Hydraulic valves will be sectional stackable.	YES	NO
The valve stack will include the following six, plus the main hydraulic valve bank for a total of SEVEN.	YES	NO
SPECIFY: Nº of Bosch-Rexroth M4 valve sections _____ 1 D.A. Plow Lift 1 D.A. Tilt Front Harness 1 D.A. Front of Wing 1 D.A. Rear of Wing 1 D.A. Wing Slide 1 D.A. Reversible Plow 1 S.A. Body Hoist		
The valve stack will be mounted back of cab.	YES	NO
TANDEM DRY MODE FRONT MOUNT HYDRAULIC PUMPS		
The hydraulic pump supplied shall be Bosch-Rexroth 71cc variable displacement front mount pump.	YES	NO

SPECIFY: MAKE:		
SPECIFY: MODEL:		
Pump mounting plate and splined drive shaft shall be supplied.	YES	NO
The pump shall be driven from the crankshaft.	YES	NO
The pump shall have a manufacturer's R.P.M. rating equivalent or higher than that of the truck engine at governed speed.	YES	NO
Hydraulic hoses to connect pump shall be supplied. Their size shall be adequate for quick operation of all hydraulic operations and shall be 2 ply braided steel SAE100RS, with swivels on both ends.	YES	NO
The drive shaft shall be supplied with spline long enough to allow telescopic retraction of the shaft in order to change fan belt without removing the pump.	YES	NO
Driveshaft to be machined 'balanced' tube driveshaft.	YES	NO
The hydraulic system must be set up so all other hydraulic functions do not "rob" the sander equipment.	YES	NO
Single stage one section hydraulic GEAR pumps will not be acceptable.	YES	NO
There will be no flow divider valves used to split oil flows between spreader and plow / wing functions.	YES	NO
HYDRAULIC DETACHABLE PLOW HARNESS		
Full Hydraulic Detachable Front Plow harness Viking VCL500 HD or equivalent demonstrated to and approved by the Town of Shelburne.	YES	NO
SPECIFY: MAKE:		
SPECIFY: MODEL:		
The harness shall be mounted at the frontend of the frame and shall be bolted to the cheekplates.	YES	NO
The lifting frame shall be bolted to the push plate and shall be braced to conform with M.T.O. standards.	YES	NO
The front plate will be one solid piece of 3/8" steel plate with cut out of sufficient size to allow cooling of the chassis radiator.	YES	NO
Overall height of the front plate will be 49" with a 5 1/4" 90^0 bend at the top and a 2" 90^0 bend at the bottom.	YES	NO
Overall width of the front plate will be 57 1/2" at the top and 40" at the bottom.	YES	NO
Lifting Ram Diameter - 4" minimum. **SPECIFY:**		
Lifting Ram Stroke - shall be 10" minimum. **SPECIFY:**		
Lift ram shall be double acting.	YES	NO
The cylinder rod shall be fully chrome plated.	YES	NO
Lift or grab link for nose chain shall be 18" minimum.	YES	NO
Drive ears shall be 30 1/2" center to center.	YES	NO
Plow lift yoke 3/4" steel plate, braced with two 1/4"x2" flat bar diagonal	YES	NO

braces.		
Two mounting locations in lift yoke to provide location for mounting of plow hydraulic lift cylinder in winter operation position and stored summer position.	YES	NO
Mounting plate for plow lift cylinder, lift yoke and lift yoke braces and 1/2" steel plate 100% welded to front plate.	YES	NO
Lift yoke brace mounting plates positioned to provide minimum 23.5" span.	YES	NO
Height to lower drive connection shall be 19" when mounted, truck empty.	YES	NO
Cheekplates to match truck frame shall be supplied and shall be compatible for plow.	YES	NO
Fasteners attaching cheekplates to chassis frame rails will be minimum grade 8N.C. hex head bolts.	YES	NO
Three grab links shall be supplied.	YES	NO
Two sealed beam Halogen type headlamps, with high and low beam shall be supplied.	YES	NO
Spacing and height of headlamps shall be in compliance with ES-401.	YES	NO
Two new turn signals shall be installed in the location shown in ES-401 and the chassis shall be equipped with factory plug in wiring harness.	YES	NO
The wired shall be protected by looms.	YES	NO
The plow lights and signals shall be equipped with "Quick-Tack" ends.	YES	NO
The plow and wing front harness to be easily and quickly attachable or detachable as one unit.	YES	NO
When detached it shall reduce the weight of the vehicle and improve operating safety and driving convenience.	YES	NO
Male coupler: the male hinged swing arm and its enclosed rigid mounting bracket shall form an integral assembly and is to be fitted to the side plate (cheekplate). The assembly remains permanently with the vehicle even after the female coupler has been detached.	YES	NO
Side (cheek) plates: The side plates are to 1/2" standard and attached to the chassis side rails.	YES	NO
Swing arm: the male swing arm to be rotated on the shaft and the hub ends are to be guided by four anti-friction polymer discs in the mounting bracket.	YES	NO
The swing arm to be operated by two double acting hydraulic cylinders with the following specifications:		
Piston diameter - 2 1/2"	YES	NO
Piston rod diameter - 1 1/18"	YES	NO
Stroke - 6"	YES	NO
The rod is to be hard chrome plated and buffed. These cylinders shall	YES	NO

permit the front harness to tilt forward by disengaging the top and engaging the bottom hydraulic operated lock pins. The truck hood (cab) can be tilted forward for easy access to the engine without detaching the front harness from the truck.		
All cylinders to be hardened chromed.	YES	NO
Hydraulic locking shall be achieved by two double acting, double ended hydraulic cylinders.	YES	NO
One cylinder shall provide upper locking and the other cylinder shall perform the lower locking function.	YES	NO
The lock cylinder control valve shall be a double acting two spool mono block valve.	YES	NO
For safety, the lock cylinder valve shall be mounted in a position to allow the operator visibility of the hydraulic lock pins while performing the lock or unlock function (front L.H. corner of cab and chassis).	YES	NO
Two independent in cab feather joystick controls will be pedestal mounted inside the chassis cab, one control will operate exclusively the plow lift function and the second control will operate exclusively the hydraulic power tilt function.	YES	NO
Hydraulic hose quick disconnects shall be flush face, no spill, quick couplings.	YES	NO
Hydraulic quick couplers to be supplied and installed complete with protective dust caps and plugs, installed on all hydraulic hoses that will require disconnecting to detach the front harness plow and wing.	YES	NO
All structural steel plate used in the plow harness will be 44W complying with CSA G400.21.	YES	NO
Tensile strength will be 65-90 KSI and the minimum yield strength will be 44 KSI.	YES	NO
SPECIFY: Tensile Strength:		
SPECIFY: Yield Strength:		
All steel prepped and painted Industrial black.	YES	NO
6” sealed beam work light at front of harness off to the side, below halogen headlight, roadside only! Separate marked switch in cab on floor pedestal.	YES	NO
Harness to have two (2) pairs of drive ears 100% welded, spaced at 30 ½” standard centers.	YES	NO
Three sets of plow drive bar connection holes located in drive ears height to lower drive connection 19” mounted with truck empty.	YES	NO
Plow push frame to be attached by means of Quick Attach pockets at drive ears with drop in pins.	YES	NO

Licence plate provision at top of harness on driver's side plus on main harness cheek when detach removed from chassis in off season.	YES	NO
Cut bumper ends and re-install to chassis.	YES	NO
Upper and lower lock pins valves at front of chassis on drivers' side to be housed in weatherproof Poly Nema 13 box.	YES	NO
VIKING 8" FRONT WING POST		
SPECIFY: MAKE:		
SPECIFY: MODEL:		
The rear wing slide and 3" dia x 36" stroke D.A. ram shall be on the outside of the rear mast beam, to operate the wing braces.	YES	NO
The design and construction of the wing post shall be in compliance with MTO ES403, or be equivalent design approved by the MTO. Brace "A" ES403 shall be replaced by a second sturdy cross member. This cross-member shall be bolted to both cheekplates. Alternate braces must be approved.	YES	NO
The wing post shall be made of 8" I-Beam, 18.4 lb./ft., minimum. Cross member shall be of heavy construction to sustain snow-plowing operation in severe conditions.	YES	NO
The wing post, when mounted, shall not be higher than the wing tower.	YES	NO
The sheave pin shall be provided with a grease fitting and an Oilite bushing.	YES	NO
A safety stop, limited slide travel shall be supplied.	YES	NO
Lifting cable shall not be mounted to the hinge pin an 8" grab link shall be located halfway between upper and lower position of bolt "D" as shown on ES403.	YES	NO
Front slide shall be provided with a tip-over, arrangement. A spring shall be included to return the blade to normal position after it has tripped.	YES	NO
Bottom of wing post shall be approx. 11" from the ground, truck empty, and shall be protected by a shoe.	YES	NO
A 3" x 30" stroke D.A. cylinder shall be mounted on the inside of the front post and shall operate the front wing slide through 2 (6" dia) sheaves and a cable.	YES	NO
Cross member must be bolted to wing post.	YES	NO
6" overhang shall be left on cross-members to allow lateral movement for mounting the wing post on future trucks.	YES	NO
Guide bars for the slide shall be welded 100% up 2' from bottom.	YES	NO
Design and quality must be approved by the MTO.	YES	NO
The wing post and cross member shall be painted BLACK.	YES	NO
A parts manual shall be supplied with each unit.	YES	NO
12" Grote #12020 convex mirror shall be mounted on extended 10" bracket to back side of post to enable driver to view down the curbside of the truck.	YES	NO
Two (2) 6" front post lights on18" adjustable bracket c/w separate in-cab switches.	YES	NO

Aeon rubber helper spring kit installed to factory chassis springs on curbside to aid in winging operation.	YES	NO
FULL HYDRAULIC SNOWPLOW REAR WING TOWER		
VIKING Model VCL 350SCL		
SPECIFY: MAKE:		
SPECIFY: MODEL:		
ADDITIONAL MTO X-MEMBER approx. 10” B.C. to be supplied & installed by body builder to compensate for rear wing tower / wing and hydraulics.	YES	NO
The harness assembly shall be of heavy construction to sustain snow plowing operations under severe conditions.	YES	NO
A reservoir of adequate capacity shall be supplied but must not interfere with the operation of the box. Valves shall be installed on outlet lines at the reservoir.	YES	NO
Bottom of wing tower shall be protected by shoe and shall have a ground clearance of 14” minimum, truck empty.	YES	NO
The spacing of the holes in the slides for connecting the wing braces shall be approximately 17”.	YES	NO
Approved size of ram controlling the front end of wing shall be 3” dia. x 30” stroke approx. with a cable and sheave assembly.	YES	NO
Approved size of ram controlling the rear end of wing shall be 3” dia. x 30” stroke approx. cylinder, with a cable and sheave assembly.	YES	NO
Approved size of ram controlling wing brace slide shall be 3” dia. x 36” stroke approx. and shall be double acting.	YES	NO
Sealed beam 6” wing light with separate in-cab switch shall be provided.	YES	NO
The wing tower shall be of a heavy construction and bolted to the right side of the truck chassis.	YES	NO
Wing tower shall be of 10” channel construction with a 25 degree offset and its mountings shall be sufficient to sustain snow plowing operations under severe conditions.	YES	NO
One pipe brace 2 ¾” diameter shall connect the bottom of the wing tower and the truck chassis near the forward mount of the right rear springs to reduce the shock of the truck frame.	YES	NO
The rear wing tower shall be heavily braced and gusseted to the frame cheekplate.	YES	NO
For maximum strength two channels shall be used to form a triangular support integral with the rear post.	YES	NO
The first channel shall be 4” x 66 ½” 13.8 lb/ft slopping diagonal brace.	YES	NO
The second channel shall be 4” x 40” 13.8 lb/ft horizontal brace bolted to the chassis rails and welded to the brace box.	YES	NO
Two triangular stiffeners shall be incorporated into the assembly.	YES	NO
To provide additional support the oil reservoir shall act as an auxiliary support post.	YES	NO
The 35 U.S. gallon oil reservoir shall be integral with the rear post assy.	YES	NO

Hydraulic hoses shall connect the rams of the tower with the valves in the control box. Hoses shall be two ply braided steel, SAE100R2 with swivels on both ends.	YES	NO
All sheave pins shall be provided with oil impregnated bronze bearings and grease fitting.	YES	NO
A safety chain shall be provided for securing wing when not in use.	YES	NO
Guide bars to contain the rear wing slide shall be welded 100% from the bottom up 2 feet.	YES	NO
6" wing light w/in-cab switch.	YES	NO
Two (2) adjustable needle valves B.C. to allow operator to be able to change speed of wing function modes.	YES	NO
Tower assembly to be prepped and painted BLACK.	YES	NO
Parts manual.	YES	NO
All cylinders to be HARDENED CHROMED.	YES	NO
12' STANDARD WING		
Viking VCL 144WHD 12' standard wing cylinder in compliance with the following specification and approved by the Municipality.		
SPECIFY: MAKE:		
SPECIFY: MODEL:		
The inside height of the wing shall be 29" minimum.	YES	NO
The outside height of the wing shall be 39" minimum.	YES	NO
Overall length of the wing shall be 12 feet.	YES	NO
The thickness of the moldboard shall be 10 U.S.S. Ga. (.1345), minimum.	YES	NO
Two drive ribs for connecting the wing brace shall be provided.	YES	NO
The drive ribs shall be located approximately 7'2" and 8'8" from the nose end of the wing.	YES	NO
The plate for mounting the wing to the wing post shall be 1" thick.	YES	NO
The mounting hole shall be far enough from the edge of the plate to avoid failure in this area.	YES	NO
Lower wing angle shall be 6" X 4" X ¾".	YES	NO
The mounting of the nose end of the wing to the wing post shall be by means of a hinge and rectangle spring, to allow tipping over the wing.	YES	NO
Two adjustable wing braces shall be supplied.	YES	NO
The upper brace shall be of a stock release type, including a spring retraction. The spring shall provide adequate stability of the wing in normal operating conditions and shall retract the wing from tip-over position.	YES	NO
The distance between the center of the mounting holes of the wing braces shall be as follows:		
Upper brace – Extended 90" C.C.	YES	NO
Collapsed 60" C.C.	YES	NO
Extended distances shall be measured with spring fully retracted.	YES	NO
Lower brace – Extended 88" C.C.	YES	NO
Collapsed 58" C.C	YES	NO

One spare pin for adjusting the wing braces shall be supplied with each brace.	YES	NO
The wing shall be fitted with the following:		
One wing HIGH WEAR blade in lieu of standard ½" cutting edge. One wing shoe M.T.O. ES-509	YES	NO
The top edge of the wing shall be boxed in and welded 100% to the ribs and the moldboards so as to avoid all pockets.	YES	NO
Wing prepped and painted Medium Gloss BLACK.	YES	NO
One 36" ORANGE plow marker mounted @ rear of wing.	YES	NO
Conspicuity safety tape on wing trip arms and on rear edge of wing.	YES	NO
HYDRAULIC CONTROLS		
Bosch-Rexroth M4 closed loop hydraulic control valves.	YES	NO
To prevent corrosion the air shifters will have a bronze sleeve.	YES	NO
The control valve will include the following: <u>7 Bosch-Rexroth M4 sections</u>: 1 D.A. Plow Lift 1 D.A. Tilt Harness 1 D.A. Reversible Plow 1 D.A. Front of Wing 1 D.A. Rear of wing 1 D.A. Wing brace 1 S.A. Body Hoist	YES	NO
The hydraulic control valves will be operated by proportional featherable in cab air controls.	YES	NO
The control panel assembly shall be of a remote design pedestal mounted and adjustable.	YES	NO
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 ball valve shut off.	YES	NO
The complete valve stack assembly will be mounted vertically on a ¼" mounting plate, integral with the rear wing tower assembly in a powder coated Bosch-Rexroth all weather control box.	YES	NO
The valve mounting plate will be welded to the horizontal channel and sloping diagonal brace.	YES	NO
The valve assembly will be completely open and easily accessible from the drivers side of the chassis for washing and maintenance.	YES	NO
In-cab proportional featherable joystick air controls function labeled.	YES	NO
An air dryer / lubricator and protection valve will be installed in the control system.	YES	NO
The air control mounting stand will be pedestal type, fully adjustable, located between the driver and passenger seat within easy view and reach of either occupant.	YES	NO
Weatherproof screw down filler /breather cap with fine mesh screen and hand clean out.	YES	NO

A removable magnetic trap shall be supplied.	YES	NO
The oil return port will be fitted with a diffuser to prevent turbulence and foaming of oil on the inside of the reservoir.	YES	NO
Oil filter with 25-micron spin on element rated at 50 G.P.M. nominal capacity installed in the return line ahead of the reservoir, complete with oil condition indicator gauge.	YES	NO
Oil level and temperature gauge.	YES	NO
Low hydraulic oil level indicator w/ in cab warning light and buzzer.	YES	NO
Oil shut off ball valves.	YES	NO
Hydraulic hoses 2 ply braided steel SAE 100RS, swivels both ends, tied supported to eliminate sag, properly routed and protected to eliminate abrasion.	YES	NO
Aeon 5,000 lb. capacity rubber helper spring kit installed to R.H. factory front chassis springs.	YES	NO
Grote 6” wing light with in-cab switch.	YES	NO
All steel will be shot blasted, epoxy primed and top-quality BLACK finish, paint electrostatically applied.	YES	NO

ALL SEASON COMBINATION DUMP BODY / SPREADER - PROLINE2 1112 LW

GENERAL

These specifications describe an All-Season Combination Dump Body and Sand/Salt Spreader. The dump 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 to permit gravity flow unloading. The main conveyor will be chassis frame mounted with spreader discharge on the front, left side (driver’s) of dump box.	YES	NO
The spreader body offered by the bidder under this specification shall be the manufacturer latest model standard commercial product and shall have demonstrated and proven industry acceptance by having been manufactured and sold in significant numbers to Municipalities and Contractors and shall be proven in service for at least one year prior to issuing of this RFP document.	YES	NO
The bidder if requested must be able to provide name and contact information of a least five Municipalities who currently own and operate the same make and model of spreader body that the bidder is offering in the RFP submission.	YES	NO
Viking Model PL1112LW approved by the Municipality.		
SPECIFY: MAKE:		
SPECIFY: MODEL:		

DEMONSTRATION

The bidder will arrange a working demonstration of any unit offered as an approved equivalent at the municipality's location prior to the RFP closing date.	YES	NO
DIMENSIONS		
To provide optimum combination of legal payload and capacity all dimensions below are maximum / minimum and will be exactly as specified.	YES	NO
Body shall be oval shaped, permitting materials to unload by gravity flow into spreading chain.	YES	NO
Total weight of the complete body assembly in ready to work condition including hoist, tarp, tailgate, cross conveyor, main conveyor, and all other required components not to exceed 5450lbs. **SPECIFY:** **lbs.**		
CAPACITY		
Water level capacity will be 6.6 cu. yd. **SPECIFY:**		
Water level capacity with 10" sideboards will be 9.0. cu., yd.	YES	NO
Outside length 12'.	YES	NO
Inside length 11'.	YES	NO
Overall width outside 96".	YES	NO
Overall width inside 86".	YES	NO
Height of sides 38" from conveyor floor.	YES	NO
Height of tailgate 46" from conveyor floor.	YES	NO
Height of front panel 53 inches.	YES	NO
CONSTRUCTION		
Body shall be one piece construction for both the headboard and side panels.	YES	NO
The front head of the body will be completely clean and clear of any type of recesses or protrusions into the body including hoist doghouse, bulkheads, etc.	YES	NO
Body front panel will be designed to slope from the cab shield rearward down to the conveyor floor at 22 degrees from vertical.	YES	NO
The front panel slop will be continuous and uninterrupted for the full length from top to bottom.	YES	NO
Top rail of body will be 4" x 4" x 1/4" rectangular tubing.	YES	NO
All body welds will be 100% continuous inside and outside.	YES	NO
Body front head 3/16" Cor-ten "A".	YES	NO
Body sides 3/16" Cor-ten "A".	YES	NO
Rear vertical corner posts will be 10 ga. sheet steel, fabricated in such a way as to include provision for rear facing lighting requirements.	YES	NO
Rear vertical corner-posts to be tied to radius side panels and horizontal 3" x 8" x 3/8" wall HSS tube spanning the full body width.	YES	NO
Body construction shall include integral side fenders fabricated from a minimum 10 GA Cor-ten A corrosion resistant material.	YES	NO
Fenders shall be full length from front to rear of body.	YES	NO
One fender right side and one fender left side shall be integral with body. Integral fenders will fully enclose and protect optional chassis frame mounted	YES	NO

on-board liquid storage tanks minimum capacity of 95 U.S. gallons each tank for total 190 U.S. gallons.		
Integral fenders to be sloped away from unit to prevent any excess material spilled during loading from building / piling up.	YES	NO
Dump box access ladder shall be 15” wide, two-piece fold-up ladder located at the rear curb side of body.	YES	NO
Access ladder will be manufactured from safety grip strut material.	YES	NO
HOIST		
Mailhot Nitride top lift 3 stage telescopic hoist “C” series Model CS-94-5-3.	YES	NO
Hoist lift cylinder to be forward mounted three (3) stage top lift telescopic.	YES	NO
Hoist capacity shall be 20 ton @ 2,000 P.S.I.	YES	NO
Hoist cylinder will be rod sealed.	YES	NO
Special Mailhot coating to provide protection to hoist seals in spreader position.	YES	NO
Cylinder stroke shall be 94”.	YES	NO
Dump box dump angle shall be variable to 50 degrees from horizontal.	YES	NO
There will be no hoist doghouse protruding into front head of body, hoist will be external mounted to provide flat body front head.	YES	NO
Rear hinge diameter shall be 2 ½”.	YES	NO
Hoist control valve shall be air operated from inside cab.	YES	NO
The body to be equipped with a positive locking support brace integral with rear dump hinge.	YES	NO
TAILGATE		
Tailgate shall be double acting.	YES	NO
Tailgate height shall be 46” from conveyor floor.	YES	NO
Upper hinge plates to be offset design flame cut from 1” steel plate.	YES	NO
Tailgate shall be rectangle shaped to allow use of asphalt or stone chip spreader.	YES	NO
Construction shall be of 3/16” Cor-Ten “A” steel with 3/16” formed cross bracing.	YES	NO
Ext. vertical side support tubes to be 3 ½” x 3 ½” x ¼” wall HSS tubing.	YES	NO
Latch mechanism for the tailgate shall be air trip using two air pot chambers actuated from inside cab.	YES	NO
Brake chambers directly coupled to ½” thick flame cut latches.	YES	NO
Brake chambers one right side one left side enclosed and protected by integral body fenders.	YES	NO
Spreader chains and brackets shall be supplied on tailgate and rear apron. Chain shall be grade 70 coil proof 3/8” minimum.	YES	NO
MAIN CONVEYOR		
The main conveyor shall be centered and recessed along the length of dump box floor.	YES	NO
Three-piece formed construction minimum 25” wide.	YES	NO

Constructed of ¼" Cor-ten "A".	YES	NO
Conveyor floor ¼" Hardox 450.	YES	NO
The protective covers will run from the front to the rear of the body right and left side of the main conveyor.	YES	NO
The protective non-removable main conveyor link covers will cover and protect the main conveyor chain links from damage by impact at all times in all operation modes.	YES	NO
In addition to the permanent non-removable main conveyor chain link covers a removable conveyor chain cover will be supplied.	YES	NO
The removable cover will protect the main conveyor floor and conveyor chain cross flights from damage by impact when installed.	YES	NO
The removable main conveyor cover will be manufactured from 3/8" 2 ply high temperature rubber.	YES	NO
The removable main conveyor will self-feed into place to allow fast and simple installation.	YES	NO
Self-feeding will be achieved by simply attaching the conveyor cover to a main conveyor chain cross flight at the tailgate (idler end), starting the main conveyor will pull the cover into place under the permanent non removable protective steel chain link covers.	YES	NO
The removable rubber cover will be complete with attachment brackets to couple easily and directly to main conveyor chain cross flights.	YES	NO
Removal of the rubber conveyor cover from the body will be accomplished by starting the main conveyor, which will then feed the cover out through the front material discharge gate.	YES	NO
Installation and removable of the rubber main conveyor cover into or out of the spreader body will be a one-man operation.	YES	NO
Conveyor chain to be self-cleaning D667 pintle type with an average tensile strength of 21,700 PSI, spaced apart 21" on center.	YES	NO
3/8" x 1 ½" cross flights welded to every 2nd link (approx. 4.5" spacing).	YES	NO
All conveyor flights shall be 100% fully welded to the chain links.	YES	NO
Drive and idler shafts to be two (2) inches diameter.	YES	NO
Drive and idler shafts manufactured from high-resistance stress proofed SAMSON 100.	YES	NO
Drive and idler sprockets to be minimum eight-tooth cast steel.	YES	NO
All drive and idler sprockets to be minimum C1030 cast steel.	YES	NO
Main conveyor drive shall be a single 25:1 high efficiency planetary drive with high torque low speed motor.	YES	NO
The planetary drive shall deliver 34,518 IN/LB peak torque with 24,750 IN/LB continuous.	YES	NO
Planetary drive close coupled to main conveyor shaft.	YES	NO
SPECIFY: Make and Model of planetary:		
SPECIFY:MAKE:		
SPECIFY:MODEL:		

Connection of the planetary drive shaft to the main conveyor shaft shall be accomplished via s split two-piece rectangular shaped coupler assembly.	YES	NO
The upper and lower half of the coupler assembly will be bolted together by (4) 5/8" x 4 ½" N.C. Grade 8 Hex Head bolts.	YES	NO
Removal of the (4) coupling bolts will allow simple disassembly of the planetary drive shaft from the main conveyor shaft, for ease of maintenance.	YES	NO
The two main conveyor drive shaft flange bearings will be bolted directly to the body long sill weldments.	YES	NO
Each of the two body long sill weldment will be vertical slotted. Simply removing the drive shaft flange bearings and uncoupling the planetary and main conveyor drive shafts. The entire conveyor drive shaft assembly will drop out through the vertical long sill slots providing easy access and simple maintenance.	YES	NO
Idler end of main conveyor will also be vertical slotted drop out design as described above.	YES	NO
Conveyor chain tension to be regulated via an automatic chain tensioning system. This tensioning system will provide appropriate chain tension for the main conveyor chain at all times and under all normal operating conditions.	YES	NO
The fully automated chain tensioner will eliminate the requirement for any manual chain tension adjusting mechanisms such as conventional threaded rod and nut tensioners or hydraulic grease ram tensioners.	YES	NO
Automated chain tensioning system to be centrally located between main conveyor drive and idle shafts.	YES	NO
Access to automated conveyor chain tensioning system shall be from the side(s) of the body.	YES	NO
The flow control gate between main and cross conveyor shall be screw adjustable by hand crank from driver's side of dump body.	YES	NO
The main conveyor flow control gate, will be flush and even with the front of the body, without any type of recess.	YES	NO
Underside of main conveyor to be complete with full length poly guard to prevent material spillage on to chassis components and frame rails.	YES	NO
CROSS CONVEYOR		
The cross conveyor shall be hydraulic direct drive via a single reversible 11.9 cu. in. hydraulic motor controlled by a 12V solenoid valve with in cab toggle switch.	YES	NO
A cross conveyor assembly shall be used to discharge material from main conveyor to the either left hand or right hand of chassis sides.	YES	NO
Cross conveyor assembly to mount on chassis frame independent from and in front of main combination spreader unit.	YES	NO
Cross conveyor unit shall be removable design to reduce added weight in non-spreading applications.	YES	NO
Cross conveyor weldment shall be fabricated from a minimum 3/16" Cor-Ten A corrosion resistant material.	YES	NO

Cross conveyor belt to be fabricated from 3/8” thick, 2 ply, 12" wide by 121" long molded, seamless conveyor belting.	YES	NO
Belt shall be positive drive to eliminate slippage.	YES	NO
The cross conveyor belt shall have a high temperature, asphalt application option available.	YES	NO
Cross conveyor assembly to include replaceable steel guards to prevent material from entering under belt or spilling off conveyor.	YES	NO
Cross conveyor assembly to include 4 poly runners to maintain an even belt surface, preventing material from getting under belt.	YES	NO
Cross conveyor assembly shall have snub rollers constructed with high temperature, low stick, 2.5" diameter by 2.0" poly rollers, to reduce material build up under conveyor.	YES	NO
Cross conveyor assembly shall come with external, quick coupler washout connection.	YES	NO
Cross conveyor assembly shall include 5 external, greaseable flange bearings and 2 external, greaseable take up bearings.	YES	NO
Cross conveyor assembly shall include 8 external grease fittings for application of grease to all bearings.	YES	NO
Cross conveyor assembly to provide provisions for mounting of material sand/salt chutes and spinner units.	YES	NO
SPINNER		
A polyurethane spinner with anti-coning device and spinner guard and poly chute plus fold down windrow salt chute shall be installed on left hand side (driver side) to spread ahead of rear wheels.	YES	NO
A 3.0 cu. in. hydraulic motor shall drive the spinner assembly.		
SPECIFY:		
The spinner height shall be adjustable from 20 to 28 inches below the mounting surface of the body.	YES	NO
The spinner height shall be capable of spreading evenly up to a 20 FT radius within main operating range of 0 to 15 FT radius.	YES	NO
Spinner assembly discharge rate from 100 lbs/lane mile - 2,500 lbs/mile.	YES	NO
Spinner position adjustable fore and aft horizontal along chassis frame rail.	YES	NO
Spinner assembly will be flip up style allowing the spinner to be carried in an on board stored raised position.	YES	NO
Hydraulic hoses to the spinner motor are to be complete with quick disconnect automated sealing breakaway couplers and are to be assembled so that the male end plug into the female end on the spinner motor and the hoist frame when the spinner assembly is disconnected.	YES	NO
LIGHTING		
For improved rear visibility provision for rear lamps, stops, tails, directional and back up lights to be mounted in rear corner posts within 3” of the outside of the tailgate shall be provided.	YES	NO
3 in a row light cluster shall be supplied with mounting plate integral with	YES	NO

dump hinge.		
2” round red side clearance lights provided in lower rear side corner posts.	YES	NO
MUD FLAPS		
Mud flaps shall be provided fore and aft of rear wheels, frame mounted via full width steel flat bar.	YES	NO
PAINT		
The dump body shall be shot blasted, and epoxy primed.	YES	NO
Finish paint Dupont Imron Elite polyurethane.	YES	NO
SPECIFY: Paint Manufacturer:		
SPECIFY: Paint Type:		
Finish paint to be baked on.	YES	NO
ASPHALT DOOR		
Asphalt door in tailgate with 14” x 25” dimensions. Cantilever handle offset to curb side to operate the sliding door.	YES	NO
LOAD COVER		
An air tarp shall be supplied with fabricated tarp arms dimensions of 1 ½” x 2 ½” steel tubing, 1/8” mesh tarp, powered by twin air cylinders operated from in the cab. **SPECIFY: Arm Dimensions:**		
LIGHTING AND WIRING		
Box lighting kit to include stop, tails, turn signals and back up lights.	YES	NO
Removable upper rear mount taillights.	YES	NO
All box lights will all be light emitting diode (LED)	YES	NO
Lights and wiring shall be completely sealed with corrosion and vapor proof lamps and junction box.	YES	NO
Strobes to be provided, one blue and one amber in upper rear body corner posts, right side and left side.	YES	NO
Body cab shield mounted blue beacon light with amber lens or two beacon lights for blue and amber separately switched in cab.	YES	NO
6” spinner light to be included.	YES	NO
Auxiliary lighting will plug directly into chassis O.E.M. connection cutting splicing soldering or shrink tubing of connection is not acceptable. **SPECIFY:**	YES	NO
The body operation shall be powered by the existing hydraulics of the snowplow truck harness.	YES	NO
All fittings, valves, hoses, and drive shaft shall be supplied and installed. All hoses shall be equipped with swivels on both ends.	YES	NO
The hydraulic reservoir shall be of sufficient capacity to supply necessary oil supply. Reservoir must NOT interfere with the box installation.	YES	NO
All hydraulic hose 100R16 with half bend radius of standard 100RS hose.	YES	NO
SPECIFY: Make:		

SPECIFY: Model:		
A combination sight/temperature gauge to allow easy checking of the hydraulic oil level in the reservoir shall be supplied.	YES	NO
A combination sight / temperature gauge to allow easy checking of the hydraulic oil in the reservoir shall be supplied.	YES	NO
Pintle hook plate and frame reinforcing rated at <30,000 MGTW c/w 2 safety chain loops. Holland PHT100A spring mounted pintle hook rated @ 20,000 MGTW installed at **SPECIFY:** ” lunette height (level ground to center of hook).	YES	NO
Relocate O.E.M. 6 wire electrical plug @ rear of chassis into face of pintle hook plate.	YES	NO
OPTIONAL EQUIPMENT		
1). Chassis mounted ALUMINUM fenders.	$	
2). Chassis – dump body to be CROWN rust proofed by O.E.M. Ontario plow equipment builder prior to completed unit being picked up by truck dealer.	$	
3) 12” Wing Viking Model VCL144WHD - Metro general complete with dismount stand or floor support.	$	
4) DiCan model DCW-12AB back-up camera system w/7” colour screen, heater, and washer spray.	$	
5) Stainless Steal Cross Conveyor.	$	

SCHEDULE C: TENDER PRICING FORM

This quotation for the supply of one (1) new **Single Axle Cab & Chassis Snow Plow Unit** is submitted by:

_____

in accordance with the accompanying specifications.

I/We hereby propose and agree to supply the unit(s) for the following quotation price**:**

	Pricing Summary
Schedule A – TRUCK	$
Schedule B – SNOWPLOW UNIT	$
Air Conditioning Tax	$
13 % H.S.T	$
TOTAL QUOTATION: one (1) complete unit (truck and plow equipment / combo sander body) delivered to the Town of Shelburne Operations Yard.	$

Signature of Authorized Person

Print Name

Title

Signature of Witness

Please note: Person signing must be authorized to conduct business on behalf of the company represented and to bind the company/individual to statements on this RFP/Contract. Failure to sign submission will result in a rejection of the proposal.

REFERENCES

List five (5) Municipalities who have been using the combination U-body/spreader offered in this RFP for a minimum period of one year.

#	Name of Municipality	Contact Name	Length of time Comb. U body in service for	SPECIFY: model # of Comb. U Body Owned	Phone #
1					
2					
3					
4					
5					

REQUEST FOR PROPOSAL FORM

Company Name:
Contact Representative:
City, Province, Postal Code:
Address:
Phone:
Email:
HST Registration Number:
Insurance Company:
Insurance Policy Number:
Insurance Coverage:
WSIB Clearance Certificate Number:

I/We have read and understand the Provisions, Specifications and Conditions which forms part of this RFP and hereby propose and agree to supply and deliver to the Town of Shelburne,124 Luxton Way, Shelburne, Ontario, including all taxes, freight, duty exchange, transportation or other charges, fully paid, the following described one (1) complete truck with plow equipment as specified herein in full conformity with the Town's specifications attached hereto, for the following sum or sums in lawful money of the Dominion of Canada.

Signature of Authorized Person

Print Name

Title

Signature of Witness

Please note: Person signing must be authorized to conduct business on behalf of the company represented and to bind the company/individual to statements on this RFP/Contract. Failure to sign submission will result in a rejection of the proposal.