



7 Third Avenue, P.O. Box 217
WHITNEY, Ontario K0J 2M0
613-637-2650

PUBLIC WORKS DEPARTMENT

Tender Number SA.2023-01

Sealed Tenders will be received for **ONE TANDEM TRUCK AND PLOW UNIT**

at the above noted address until **3:30 p.m. on February 17th, 2023.**

Tenders can be mailed to the township office or dropped off at the front counter.
Tenders delivered by mail/courier service will be at the risk of the bidder.

Tenders will be opened immediately following the closing time at the Township of
South Algonquin Municipal Office in Whitney

(Lowest or any Tender not necessarily accepted)

CONTRACTOR	TENDER
	\$

SUBMISSION COPY

CONTENTS

Section A	Tender
Section B	Special Provisions General

SECTION A
TENDER

INDEX FOR SECTION 'A' – TENDER

PART I	TENDER CALL.....	A-1
PART II	TENDER CONDITIONS	A-2 to A-7
TC-1	Completion and Submission of Tenders	A-2
TC-2	Tender Information Form	A-2
TC-3	Tender Deposit.....	A-2
TC-4	Agreement to Bond.....	A-2
TC-5	Addenda.....	A-3
TC-6	Work Schedule	A-3
TC-7	Irregular Tenders.....	A-3
TC-8	Unbalanced Tenders	A-3
TC-9	Collusion.....	A-3
TC-10	Right to Accept or Reject Tenders	A-3 to A-4
TC-11	Contract Documents	A-4
TC-12	Errors, Omissions and Discrepancies in the Contract Documents	A-4
TC-13	Irrevocability of Offer.....	A-4
TC-14	Bonds	A-4
TC-15	Workplace Safety & Insurance Board Certificate of Clearance	A-4
TC-16	Occupational Health & Safety.....	A-5
TC-17	Execution of Form of Agreement.....	A-5
TC-18	Insurance.....	A-5
TC-19	Time for Completion	A-5
TC-20	Liquidated Damages.....	A-5
TC-21	Submission of Documentation.....	A-5
TC-22	Commencement of the Work	A-6
TC-23	Holdback	A-6
TC-24	List of Subcontractors	A-6
TC-25	Register to Tender	A-6
TC-26	Pricing.....	A-6
TC-27	Payment	A-6
TC-28	Tax Status.....	A-6
TC-29	Basis of Award.....	A-6 to A-7
PART III	FORM OF TENDER	A-8 to A-10
FT-1	Contract Documents	A-8
FT-2	Tenderer's Declarations.....	A-8
FT-3	Schedule of Prices	A-9
FT-4	Tenderer's Offer.....	A-9
FT-5	Tender Information Form	A-10
PART IV	SCHEDULE OF PRICES (Attached as Schedule A).....	1 to 2

PART I **TENDER CALL**

Sealed Tenders are invited for the execution of the works described herein.

Contract Number **SA.2023-01**

Described as **One Tandem Truck and Plow Unit**

Tenders shall be addressed to:

**Brian Ackney
Works Foreman
Township of South Algonquin
7 Third Avenue
PO Box 217, Whitney ON, K0J 2M0**

(Hereinafter the Corporation)

Tenders shall be received until **3:30 p.m. Local Time, on February 17, 2023** at the address given above.

Tenders received by the time, date and at the location specified above shall be opened and read in public immediately following the closing time. Public reading of a Tender does not imply any decision by the Corporation on whether a Tender is or is not irregular.

PART II **TENDER CONDITIONS****TC-1** **Completion and Submission of Tenders**

- 1.1 The Tenderer shall complete all documents pertaining to this Contract in ink or in type.
- 1.2 If the Tenderer is a corporation, an authorized officer of the corporation shall sign the Form of Tender and shall affix the corporate seal and shall sign the Schedule of Prices attached as Schedule "A".
- 1.3 If the Tenderer is a partnership, a minimum of two partners shall sign the Form of Tender and the signatures shall be witnessed.
- 1.4 If the Tenderer is a sole proprietorship, the sole proprietor shall sign the Form of Tender and the signature shall be witnessed.
- 1.5 The Tenderer shall submit its Tender by the date and time specified in Part I of the Tender.
- 1.6 The Tenderer shall submit to the Corporation:
(a) the Tender, comprised of the completed tender document;
 completed schedule of prices and tender information form;
(b) all Addenda issued by the Corporation with respect to this;
 Tender/Contract;
- 1.7 This document is a Public Tender. The Tenderer is hereby advised that financial and all other pertinent information related to this Contract may be made publicly available by the Corporation.

TC-2 **Tender Information Form**

- 2.1 Tenderer shall submit the Tender on the forms supplied by the Corporation in a sealed envelope. The completed tender information form, attached in section FT-5 must be affixed to the envelope. A tender submission without the required tender information form may not be accepted.

TC-3 **Tender Deposit**

- 3.1 A Tender Deposit is not required for this contract.

TC-4 **Agreement to Bond**

- 4.1 An agreement to Bond is not required for this contract.

TC-5 **Addenda**

- 5.1 The Tenderer shall ensure that its name and address for receipt of addenda are included on the Corporation's list of firms to whom addenda to this Contract, if any, are to be sent. Inclusion on the Corporation's list does not absolve the Tenderer of its responsibilities set out in Section TC-11 of the Tender.
- 5.2 All Addenda will be listed on the Township of South Algonquin website.

TC-6 **Work Schedule**

- 6.1 A Work Schedule is not required for this contract.

TC-7 **Irregular Tenders**

- 7.1 The Corporation shall be the sole judge of whether or not a Tender is irregular.

TC-8 **Unbalanced Tenders**

- 8.1 The Tenderer shall not submit an unbalanced Tender.
- 8.2 The Corporation shall have the right to:
- (a) deem a Tender to be unbalanced; and
 - (b) reject a Tender which it deems to be unbalanced.

TC-9 **Collusion**

- 9.1 The Tenderer shall not engage in collusion of any sort and, in particular, shall:
- (a) ensure that no person or other legal entity, other than the Tenderer has any interest in the Tenderer's Tender; and
 - (b) prepare its Tender without any knowledge of, comparison of figures with or arrangement with any other person or firm preparing a Tender for the same work.

TC-10 **Right to Accept or Reject Tenders**

- 10.1 Notwithstanding any other provision in this Contract, the Corporation shall have the right to:
- (a) accept any Tender;
 - (b) reject any Tender; and
 - (c) reject all Tenders.

10.2 Without limiting the generality of Section TC-10.1 the Corporation shall have the right to:

- (a) accept an irregular Tender;
- (b) accept a Tender which is not the lowest Tender; and
- (c) reject a Tender even if it is the only Tender received by the Corporation.

10.3 Acceptance of the Tender shall occur at the time the Corporation awards the Tender and not necessarily at the time the award is communicated to the successful Tenderer.

TC-11 Contract Documents

11.1 The Tenderer shall obtain and review all Contract Documents listed in the Form of Tender, and all addenda issued by the Corporation pertaining to the Contract.

TC-12 Errors, Omissions and Discrepancies in the Contract Documents

12.1 If the Tenderer finds any errors or omissions in or discrepancies among the Contract Documents, it shall immediately notify the Corporation at the address specified in Part I of the Tender.

12.2 No oral explanation or interpretation by any person shall modify any of the Contract Documents.

TC-13 Irrevocability of Offer

13.1 The Tenderer shall not revoke its offer until after the expiration of ninety (90) days after the opening of Tenders by the Corporation.

13.2 If the Tenderer revokes its offer prior to the expiration of ninety (90) days after the Tender opening, the Tenderer shall forfeit its Tender deposit but this shall not prohibit the Corporation from pursuing any other legal remedy which it may have.

TC-14 Successful Tenderer - Bonds

14.1 Bonds are not a requirement of this contract.

TC-15 Successful Tenderer - Workplace Safety & Insurance Board Certificate of Clearance

15.1 Workplace Safety & Insurance Board Certificate of Clearance is not a requirement for this contract.

TC-16 **Occupational Health and Safety**

16.1 A statement of work and worker safety procedures is not a requirement for this contract.

TC-17 **Successful Tenderer - Execution of Form of Agreement**

17.1 Execution of a form of agreement is not a requirement of this contract.

17.2 The Township shall issue a Purchase Order to the successful Tenderer as a means of approval of the contract within five (5) business days from Council Approval.

TC-18 **Successful Tenderer - Insurance**

18.1 Insurance is not a requirement for this contract.

TC-19 **Successful Tenderer - Time for Completion**

19.1 The successful Tenderer shall schedule their work under this contract to comply with the following requirements:

Delivery of the completed units is preferred on or before:

_____.

Alternately; Provide the anticipated delivery date.

19.2 The successful Tenderer shall complete the work by the time specified in the Tender, unless an extension of time is granted.

19.3 In the event that the Works Superintendent grants the Contractor an extension of time, the Contractor shall deliver the units by the revised specified time for completion.

TC-20 **Successful Tenderer –Liquidated Damage**

20.1 Liquidated damages do not apply to this contract.

TC-21 **Successful Tenderer - Submission of Documentation**

21.1 Not Applicable.

TC-22 **Successful Tenderer - Commencement of the Work**

22.1 Not Applicable.

TC-23 **Statutory Holdback**

23.1 Not applicable.

TC-24 **Subcontracting by the Contractor**

24.1 Not applicable.

TC-25 **Registering to Tender**

25.1 Not applicable.

TC-26 **Pricing**

26.1 Prices quoted shall be the net cost to the Corporation and shall include all associated costs (i.e. labour, equipment, material, applicable licences and permits) and all other associated costs required to perform the service to the complete satisfaction of the Corporation.

26.2 Prices quoted shall remain firm for the period of the Agreement.

TC-27 **Payment**

27.1 Payment will be made after delivery and satisfactory acceptance of the vehicle(s).

TC-28 **Tax Status**

28.1 The price quoted shall be in Canadian funds and shall include all duty, custom clearances and all other charges now in force.

28.2 The Harmonized Sales Tax (HST) shall be extra to the item prices quoted.

TC-29 **Basis of Award**

29.1 It is the Corporation's intent to award on a total aggregate price as Tendered; however, the Corporation reserves the right to award on a line item basis, to the lowest responsive bidders, if deemed to be in the best interest of the Corporation.

29.2 The Corporation reserves the right to disqualify any Tender that is incomplete or

is otherwise not submitted in strict accordance with the terms and conditions set forth in this Contract. The Corporation reserves the right to accept or reject any or all Tenders, should it be deemed to be in the best interest of the Corporation. Should only one (1) Tender be received, the Corporation reserves the right to reject it.

PART III **FORM OF TENDER**

Tender by:

NAME OF TENDERER

ADDRESS OF TENDERER

after this called the Tenderer.

FT-1 **Contract Documents**

1.1 The Contract Documents for Contract Number _____ are:

- (a) Tender:
 - (i) Part I - Tender Call;
 - (ii) Part II - Tender Conditions; and
 - (iii) Part III - Form of Tender.

- (b) Special Provisions – General

- (c) All Addenda issued pertaining to the Contract.

FT-2 **Tenderer’s Declarations**

- 2.1 The Tenderer declares that it has obtained and read the Contract Documents.

- 2.2 The Tenderer declares that it understands and agrees to be bound by the Contract Documents.

- 2.3 Without limiting the generality of Section FT-2.2, the Tenderer declares that it has, at the time of tendering, fulfilled all of those obligations under the Contract which are required to be fulfilled by the time of tendering.

- 2.4 The Tenderer declares that all information which it has provided or will provide to the Corporation is true.

FT-3 **Schedule of Prices**

3.1 The Schedule of Prices attached as Schedule "A" is deemed to be Section FT-3.2 of the Tender and is composed of 1 page.

FT-4 **Tenderer's Offer**

4.1 The Tenderer offers to do the work in accordance with the Contract Documents.

4.2 The Tenderer offers to do the work and to accept payment at the unit prices specified in the Schedule of Prices in Section FT-3 of the Tender, in accordance with the Contract Documents.

4.3 The Tenderer's total Tender price, based on the estimated quantities in the Schedule of Prices excluding HST, is:

_____ **DOLLARS**
(\$ _____).

This offer is made this _____ day of _____, _____.

Signature of Witness
(Only if required by TC-1)

Signature of Tenderer

(Print name in full)

**Company Name
Return Address
Phone Number**

**Township of South Algonquin
7 Third Avenue
PO Box 217, Whitney ON, K0J 2M0**

**Contract #: SA.2023-01
One Tandem Truck and Plow Unit.**

Closing Date: February 17, 2023, 3:30 p.m.

SECTION B
SPECIAL PROVISIONS - GENERAL

INDEX FOR SECTION 'B' - SPECIAL PROVISIONS - GENERAL

SPG-1	General Information-	B-1 to B-2
SPG-2	Cab & Chassis – Diesel STD Tandem	B-3 to B-13
SPG-3	Dump Body.....	B-14 to B-17
SPG-4	Plow Equipment.....	B-18 to B-20

PART I SPECIAL PROVISIONS – GENERALSPG-1 General Information

- 1.1 The specifications describe new 6 ton tandem axle trucks, diesel powered, equipped with a “U” shaped spreader/dump body, snowplow and all cable lift wing. The unit shall be equipped with automated spreader controls and hydraulic tilt plow harness. The unit will be used for snowplowing, salting/sanding in the winter season and hauling sand/gravel in the summer season.
- 1.2 Bids may not be considered if the product on which a price is submitted, does not meet all of the requirements or the Bidder does not confirm compliance with all items by marking “YES” in the confirmation column or does not provide the required information where “SPECIFY” is noted in the confirmation column.
- 1.3 Only the major details are listed. It is the supplier’s responsibility to deliver a fully equipped unit, with compatible components that will provide dependable, efficient service. Where minimums are given, the unit must meet or exceed the capacity, size and performance specified.
- 1.4 Quoted units must comply with the following specifications in all aspects. Alternative components that meet the requirements but are not identified in the specifications must be approved by the Public Works Superintendent prior to the Tender Closing.
- 1.5 It will be the responsibility of the supplier to obtain any MTO Standards referred to in the following specifications.
- 1.6 The unit must be a current standard production model, for the model year in which it will be delivered and must comply with all Federal and Provincial Legislation in effect, at the time of delivery.
- 1.7 The Tenderer is responsible for all Warranty Service.
- 1.8 The vehicle must meet the provisions of the Canada Motor Vehicle Safety Act and the Regulations made there under, which are in effect on the date of manufacturing of the vehicle.
- 1.9 **Please note that licensing will be the responsibility of the Township of South Algonquin.**
- 1.10 Cost and detail Information for any available extended warranties must be submitted with the Tender.

- 1.11 The OPTIONAL EXTRA COST items shall be shown separately on Schedule "A" and not included in the Tenderer's total Tender Price

SPG-2 Cab & Chassis – Diesel STD Tandem

2.1 Fill in the chart below.

No.	DETAILED SPECIFICATIONS	CONFIRMATION										
1.	<p><u>Year, Make & Model</u></p> <p>The vehicle manufacture year shall be 2023 or newer.</p> <p>Specify the year, make and model of the unit being quoted.</p> <p>The following are approved makes and models that comply with these specifications:</p> <table border="0" data-bbox="217 821 649 1010"> <tr> <td><u>Make</u></td> <td><u>Model</u></td> </tr> <tr> <td>Freightliner</td> <td>114SD</td> </tr> <tr> <td>International</td> <td>7600 SBA</td> </tr> <tr> <td>Western Star</td> <td>4700SBA</td> </tr> <tr> <td>Mack Granite</td> <td>GU813</td> </tr> </table> <p>The vehicle shall meet or surpass the mandatory requirements of the Canada Motor Vehicle Safety Act and its regulations, which are in effect on the date of manufacturing. The vehicle must also bear the National Safety Mark.</p>	<u>Make</u>	<u>Model</u>	Freightliner	114SD	International	7600 SBA	Western Star	4700SBA	Mack Granite	GU813	<p>Year: _____</p> <p>Make: _____</p> <p>Model: _____</p> <p>Yes: _____</p>
<u>Make</u>	<u>Model</u>											
Freightliner	114SD											
International	7600 SBA											
Western Star	4700SBA											
Mack Granite	GU813											
2.	<p><u>Weight Ratings</u></p> <p>GVWR (Gross Vehicle Weight Rating) 28,123 kg (62,000 lbs) minimum.</p> <p>GAWR (Gross Axle Weight Rating) front – 10,000 kg (22,000 lbs) minimum.</p> <p>GAWR (Gross Axle Weight Rating) rear – 20,910 kg (46,000 lbs) minimum.</p> <p>The allowable GVWR (Gross Vehicle Weight Rating) as supplied, shall show on a metal or mylar tag.</p>	<p>Specify: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Yes: _____</p>										

No.	DETAILED SPECIFICATIONS	CONFIRMATION
3.	<p><u>Axles</u></p> <p>Front axle 10,000 kg (22,000 lbs) minimum capacity. Front axle shall be set back design.</p> <p>Rear tandem axle 20,910 kg (46,000 lbs) minimum capacity, dual drive with inter-axle differential and driver controlled inter-axle differential lockout.</p> <p>Rear tandem axle shall be single speed with 1,524 mm (60 inch) spread.</p> <p>A four (4) wheel lock-up system operated from the cab shall be supplied.</p> <p>Approved axles are as follows:</p> <p>Eaton – D463P Rockwell – RT-46-164P Mack Meritor</p> <p>The rear axle and front axle hubs shall be supplied with 100% synthetic lubricant oil, approved for extended warranty.</p>	<p>Model: _____</p> <p>Capacity: _____</p> <p>Model: _____</p> <p>Capacity: _____</p> <p>Specify: _____</p> <p>Yes: _____</p> <p>Make: _____</p> <p>Model: _____</p> <p>Yes: _____</p>

No.	DETAILED SPECIFICATIONS	CONFIRMATION
4.	<p><u>Brakes</u></p> <p>Service brakes – full air brakes, “S” cam drum type shall be supplied.</p> <p>Front brakes size – 406 mm x 152 mm (16.5 inch x 6 inch) drum type minimum, shall be supplied.</p> <p>Rear brakes size – 419 mm x 177 mm (16.5 inch x 7 inch) minimum, shall be supplied.</p> <p>Front and rear dust shields shall be supplied.</p> <p>Positive rear wheel spring loaded parking brake, air reservoir and instrument panel control switch, shall be supplied on each rear wheel.</p> <p>Automatic slack adjusters shall be supplied.</p> <p>Automatic drain valve with heater to drain moisture from the main air tank, mounted in a safe manner (BW-DV-2 valve or approved equivalent) shall be supplied.</p> <p>Air dryer with heater (Bendix AD-9 or approved equivalent) shall be supplied.</p> <p>Air compressor – 6.23 l/s (13.2 cfm) minimum, complete with all necessary tanks, gauges and safety valves (Cummins or BW-750 or approved equivalent) shall be supplied.</p>	<p>Yes: _____</p> <p>Specify Size: _____</p> <p>Specify Size: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Specify Make: _____</p> <p>Yes: _____</p> <p>Specify Make: _____</p> <p>Yes: _____</p> <p>Specify CFM: _____</p>

<p>5.</p>	<p><u>Frame</u></p> <p>Section modulus shall be 30 in³ minimum.</p> <p>Frame yield strength shall be 120,000 psi minimum.</p> <p>RBM shall be 3,000,000 lbs. in. minimum.</p> <p>Specify frame dimensions (depth x width x thickness).</p> <p>Full trailer connections with air glad hands and electrical 7-wire trailer plug. Glad hand connection located above pintle plate by lights with rubber air lines approximately 18 inches long.</p> <p>The After Frame (AF) dimension shall be a minimum of 1,905 mm (75 inch).</p> <p>Specify dimensions of reinforcement if equipped.</p> <p>Mounting of snowplow cheek plates shall be possible.</p> <p>Provision shall be supplied to prevent diamond shaping of the frame. The frame shall be bridged or a cross member shall be supplied within ten inch of the rear of the cab, in order to transfer snowplow wing push to each frame rail.</p> <p>Corrosion resistant E-Coat primer coating on frame rail.</p> <p>Extra black paint on frame rail.</p>	<p>Specify: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p>
<p>6.</p>	<p><u>Suspension</u></p> <p>CT (cab to centre of Tandems) shall be approximately 3,200 mm (126 inch).</p> <p>Front shock absorbers shall be supplied.</p> <p>Rear suspension shall be Hendrickson HMX-460-60 or an approved equivalent with rear shocks.</p>	<p>Specify: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Specify: _____</p>

7.	<p><u>Wheels & Tires</u></p> <p>Dual rear wheels shall be supplied.</p> <p>Two (2) front first line, steel belted radial tubeless tires 425/65R-22.5 load range "L", shall be supplied.</p> <p>Eight (8) rear, first line, steel belted radial tubeless tires 11R-22.5 load range "H", shall be supplied.</p> <p>Approved front tires are Michelin XZY-3</p> <p>Approved rear tires are Michelin XDS2</p> <p>Two (2) wheel rims 571 mm x 311 mm (22.5 inch x 12.25 inches) shall be supplied.</p> <p>Eight (8) wheel rims 571 mm x 209 mm (22.5 inch x 8.25 inch) shall be supplied.</p> <p>The rims must have a load capacity and pressure rating equal to or exceeding the ratings of the tires.</p> <p>Drop centre rims shall be supplied.</p> <p>White accuride rims with hub pilot bud wheels and wheel nut torque indicators, shall be supplied.</p>	<p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Specify Pressure:</p> <p>Front Rating: _____</p> <p>Rear Rating: _____</p> <p>Yes: _____</p> <p>Yes: _____</p>
----	---	---

<p>8.</p>	<p><u>Engine</u></p> <p>Diesel water cooled, inline four stroke six cylinder, governed at 2100 rpm.</p> <p>Approved engines are:</p> <ul style="list-style-type: none"> ○ Cummins ISX ○ Detroit DD13 ○ International N-13 ○ Mack MP8 13 Litre Diesel Engine <p>Minimum engine gross power, 430 HP within governed RPM (SAR J 1349) on the pedal and on cruise control.</p> <p>Minimum Net torque shall be 1,450 lbs-ft.</p> <p><u>Note:</u> Required engine ratings must be set at the time of engine manufacturing. Engines with locally altered ratings are not acceptable.</p> <p>The engine, after treatment, sensors, full electronics, turbo, water pump and injectors shall come with an 84 month, 9000 hour or 400,000 kilometre warranty.</p> <p>Splashguards shall be supplied to protect engine compartment from road spray.</p> <p>Resistive coating on oil pan.</p>	<p>Yes: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>RPM: _____</p> <p>Specify: _____</p> <p>Specify: _____</p> <p>Yes: _____</p> <p>Yes: _____</p>
<p>9.</p>	<p><u>Transmission</u></p> <p>The transmission shall be a thirteen (13) speeds forward, single stick type and two (2) reverse.</p> <p>Approved transmission: Fuller RTLO F16913A</p> <p>The transmission shall be supplied with 100% synthetic lubricant oil, approved for extended warranty.</p>	<p>Specify: _____</p> <p>Specify: _____</p> <p>Yes: _____</p>

<p>10. <u>Engine Equipment</u></p> <p>Alternator shall be 150 amps capacity minimum, with built in diode rectifiers, shielded slip rings and brushes or be brushless.</p> <p>The alternator capacity at idle shall be at least 25 amps.</p> <p>Maintenance free batteries shall be provided.</p> <p>The SAE rating shall be combined 12 Volt, 3 batteries minimum.</p> <p>Battery disconnect switch in cab.</p> <p>If the batteries are mounted behind the cab they shall be easily accessible for service. Splicing of battery cables is not acceptable.</p> <p>Battery Box(es) shall be mounted in front of the spinners or inside cab under passenger seat with battery vented outside.</p> <p>High temperature and low oil pressure engine protection alarm bell or buzz device shall be installed. Automatic engine shut down is not acceptable.</p> <p>A heavy duty, two (2) stage, dry type dual element air cleaner with snow valve shall be supplied.</p> <p>For snow plowing purposes, a minimum 3½" diameter opening through the radiator shall be provided, centered with the engine crankshaft to allow adequate clearance of the PTO shaft. The crankshaft shall be provided with adapter for the PTO crankshaft; or, Where crankshaft is located low enough to allow the front-mounted pump to operate with sufficient clearance below the radiator, the 3½" opening in the radiator is not required.</p>	<p>Specify Make: _____</p> <p>Model: _____</p> <p>Normal Capacity: _____</p> <p>Idle Capacity: _____</p> <p>Yes: _____</p> <p>Specify CCA: _____</p> <p>Yes: _____</p> <p>Specify: _____</p> <p>Yes: _____</p> <p>Specify: _____</p> <p>Yes: _____</p> <p>Specify Type: _____</p> <p>Yes: _____</p>
---	---

The passenger seat shall be fully padded, with heavy duty cloth upholstery construction, foam rubber seat cushions with a high back and be adjustable fore and aft.	Yes: _____
Arm rests shall be supplied.	Yes: _____
Dual sun visors shall be supplied.	Yes: _____
Exterior sun visor supplied.	Yes: _____
Air Conditioning shall be supplied.	Yes: _____
Tachometer shall be supplied.	Yes: _____
An hour meter, either an electronic type or with anti-vibration mount (Hobbs M-3888 Dampener or equivalent) mounted inside the cab shall be supplied.	Yes: _____
Rubber floor mats shall be supplied. Manufactures removable floor mats shall be supplied.	Yes: _____
Mirrors - two outside 177 mm x 406 mm (7 inch x 16 inch) West Coast type mirrors, complete with built in heaters and clearance lights shall be supplied. Complete with electric remote position control. Minimum load Width of 118 inches.	Yes: _____
Duel convex hood mirrors supplied.	Yes: _____
Externally mounted grab bars on each side to assist entry/exit to the cab shall be supplied.	Yes: _____
Supplementary cab insulation to suppress engine noise shall be supplied.	Yes: _____
O.E.M. cup holders – minimum of 2	Yes: _____
AM/FM radio complete with BLUE TOOTH.	Yes: _____
Power operated driver's side and passenger side windows, with a switch accessible by the driver and passenger.	Yes: _____
Lower and intermediate foot-steps on both sides shall be supplied.	Yes: _____

<p>A terminal panel shall be incorporated into the wiring system to access the following wiring circuits, to add additional lighting for the body installation:</p> <ul style="list-style-type: none"> ○ Left and right turn ○ Parking lights ○ Back-up lights ○ Independent brake light ○ Plow and wing lights & all modules/multiplex computers 	<p>Yes: _____</p> <p>Location: _____</p> <p>Specify: _____</p>
<p>The terminal panel shall be located inside the cab, preferably on the rear cab panel.</p>	<p>Yes: _____</p>
<p>6 switches in cab for body builder.</p>	<p>Yes: _____</p>
<p>In cab mounted outside temperature gauge in C°.</p>	<p>Yes: _____</p>
<p>Heated windshield shall be supplied.</p>	<p>Yes: _____</p>
<p>Parking brake alarm.</p>	<p>Yes: _____</p>
<p>Pre-trip test exterior lights.</p>	<p>Yes: _____</p>
<p>Headlights on with wipers.</p>	<p>Yes: _____</p>
<p>Bug screen.</p>	<p>Yes: _____</p>
<p>Automatic climate control in cab.</p>	<p>Yes: _____</p>
<p>Convex look down mirror passenger side.</p>	<p>Yes: _____</p>
<p>Snow cowl lid and filter.</p>	<p>Yes: _____</p>

12.	<p><u>Fuel Tank</u></p> <p>A 300 litre aluminium fuel tank shall be supplied on the left side complete with stainless steel straps.</p> <p>The minimum clearance from the ground shall be 305 mm (12 inch).</p> <p>Fuel tank shall not extend beyond the cab more than 15 cm (6 inch) or interfere with the installation of box equipment.</p>	<p>Yes: _____</p> <p>Specify: _____</p> <p>Yes: _____</p>
13.	<p><u>Lights</u></p> <p>Two (2) fenders mounted dual faced, 100 mm (4 inch) diameter L.E.D. amber directional lights, facing front shall be supplied.</p> <p>Halogen head lights shall be supplied.</p> <p>All clearance lights signal lights and stop lights shall be LED type. DOT approved.</p>	<p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p>
14.	<p><u>Paint</u></p> <p>The paint shall be either International Yellow (NAV4421) or International Red (NAV2303) or equivalent.</p>	<p>Specify: _____</p>
15.	<p><u>Attachments</u></p> <p>Operator's manual and line ticket shall be supplied.</p> <p>Maintenance and Electrical Service manuals shall be supplied in hardcopy and electronic (CD) format.</p> <p>Back up sound alarm shall be supplied.</p> <p>A First Aid Kit shall be supplied.</p> <p>A flare kit shall be supplied.</p> <p>A fire extinguisher shall be supplied.</p>	<p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p>
16.	<p><u>Warranty</u></p> <p>The truck shall be covered by the standard manufacturer's warranty, a description of which shall be included with the tender documents.</p>	<p>Yes: _____</p>

16.1	<u>OPTIONAL EXTRA COST: 5 Year Electrical Warranty</u> Provide the optional extra cost to provide a five (5) year warranty on electrical.	Extra Cost: _____
17.	<u>Preventative Maintenance Compulsory Vehicle Inspection (PMCVI) Sticker</u> The vehicle shall be supplied with a valid PMCVI sticker.	Yes: _____

SPG-3 Dump Body

3.1 Fill in the chart below.

No.	DETAILED SPECIFICATIONS	CONFIRMATION
1.	<p><u>General</u> 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 centered and recessed along the length of the box. The cross conveyor will be a chassis frame mounted system, with spreader discharge on the front, left side and the front right side of the dump box.</p> <p>Approved make: Viking Proline HW Series Approved Model: PL1415HW II</p> <p>The body supplier shall affix the National Safety Mark and must conform to the Canadian Motor Vehicle Safety Regulations, SOR/88-268 and amendments.</p>	<p>Yes: _____</p> <p>Make: _____</p> <p>Model: _____</p> <p>Yes: _____</p>
2.	<p><u>Type of Body</u> 12.5 cu yd. water level capacity (15.4 cu yd. w/ 10" sideboards) , install kit consisting of: telescopic front hoist, hoist saddle, mud flaps, dump hinge, safety prop, clearance and marker lights, box guides.</p>	<p>Yes: _____</p>

No.	DETAILED SPECIFICATIONS	CONFIRMATION
5.	<p><u>Air Electric Hydraulic Controls</u></p> <ul style="list-style-type: none"> • Tyrone tandem DVTP16150180AFJc/w dry valves and in-cab shifter control front crank shaft driven • VCL Low oil level indicator w/ in cab warning light and buzzer • Ikron high pressure hydraulic filter ass'y w/10 micron absolute filter • One HCD hydraulic valve bank front harness mounted three sections • One HCD hydraulic valve bank back of cab mounted three sections • Upgraded more durable jacketed 2 wire Hydraulic hose Aeroquip Bruiser Line 100R16 2 Wire FC735 with extra durable cover • Black Partec hose wrap (seat belt material) • Stainless Steel Hose Hanger in lieu of Standard run under cab • Cirus "EZ Spread" spreader control w/ 2 section valve, cabling harness and enclosure • Nine switch, twelve function rocker switch panel for Lighting Switches • Swivel pedestal console cab mount, with four standard RMH air controls (hand operated featherable air valves) • Floor Console unit - Standard mini with two standard RMH air controls (hand operated featherable air valves) • Five Air Switches for tailgate, pump 1, pump 2, tarp, pintle hook • Cab floor stiffener plate • Hose should be tied in bundles with 175 lb ties every 6 to 8 inches apart • All wire connections shall be installed in a weather proof junction box. 	<p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p> <p>Yes: _____</p>
6.	<p><u>Parts Book & Mounting Instructions</u></p> <p>A parts book and mounting instructions shall be supplied.</p>	<p>Yes: _____</p>
7.	<p><u>Warranty</u></p> <p>A signed manufacturer's factory warranty shall be supplied.</p>	<p>Yes: _____</p>

