



# Rideau Lakes

## **Request for Proposals (RFP) TANDEM PLOW TRUCK**

PW2021-6

## Contents

1.0	Information to Bidder		
	General Description	.....	3
	The Work	.....	3
	Inquiries During RFP Period	.....	3
	Bid Submission	.....	3-4
	Price Submission	.....	4
	Cost of Submission	.....	4
	Alteration to Bid Submission	.....	4
	Withdrawal of Bid Submission	.....	4-5
	Validity	.....	5
	Acceptance or Rejection of Bid	.....	5
	Insurance –		
	Liability, Automotive and Non-Owned Automobile Insurance	.....	5
	Workplace Safety Insurance Act	.....	5
	Contractor's Liability	.....	5
	Terms of Payment and Invoices	.....	5
2.0	Submission Forms		
	Form "A" Contractor's Information Form	.....	6
	Form "B" Specifications & Unit Bid Price Form	.....	7-21
	Form "C" Tax Compliance Declaration	.....	22

## **1.0 Information to Bidder**

### **General Description**

Bids are hereby requested for the purchase of one (1) 2021 tandem plow truck equipped with specified attachments.

All units supplied shall be complete and operational at the time of pickup. The successful bidder shall supply any equipment not specifically mentioned herein necessary for the successful operation of the equipment. The units shall conform to the Motor Vehicle Specifications attached with required optional equipment.

The successful bidder shall supply a fully executed manufacturer's time and Milage warranty.

Specifications are for guideline purposes to all bidders and the municipality will consider equal or better options that suit the Municipality's needs. The truck shall be f.o.b. the Dealership, and shall include freight, service and preparatory charges.

### **The Work**

This agreement may not be assigned or subcontracted in whole or in part by the Supplier, without prior written consent of the Roads Coordinator.

All supplies are subject to Council budget approval. The Township reserves the right to discontinue this RFP process and review at any time and not move forward with awarding a contract.

### **Inquiries During RFP Period**

All inquiries relative to these RFP documents shall be directed to Dan Chant, Roads Coordinator at dchant@rideaulakes.ca or call 1-800-928-2250 Ext 227.

No information provided orally by the Township shall be binding, nor shall it alter the requirements in any way.

### **Bid Submission**

The Bidder shall comply with the following instructions. Those failing to do so may be subject to disqualification.

Bids shall be made in the format specified in this section and include the forms in Section 2.

The forms supplied by the Township **must** be used and are to be submitted **by email to:** dchant@rideaulakes.ca with the **Subject Line: 'PW2021-6'**. No sealed/hard copy submission is required.

**Bids will be received until 11:00a.m. E.S.T., February 17, 2021.** It is the Bidder's responsibility to ensure that the bid submission is received by the Township prior to the submission deadline.

**All bids received will be held, unopened, and in strict confidence until after the closing date and time.**

All entries must be clear and legible and made in ink. All items shall be bid according to any instructions in this document and with entries made for unit price, lump sum, extensions and totals as appropriate.

RFP's that are incomplete, conditional, illegible and obscure or have reservations, erasures, alterations, additions not called for, or irregularities of any kind may be rejected. Erasures, overwriting or strikeouts are to be initialed by the person signing for the Bidder.

The forms must be signed in the space provided by an authorized official of the Bidder. If a joint bid is submitted, it must be signed on behalf of each Bidder.

### **Price Submission**

The price shall include total costs, in Canadian Dollars. All prices in Form "B" Unit Bid Price Form shall not include HST. The Municipality of the Township of Rideau Lakes meets the definition under the Broader Public Sector to access Ontario Government purchasing discounts and Vendors of Record; please price accordingly.

### **Cost of Submission**

The Township will not be liable nor reimburse any Bidder for any costs incurred in developing a submission, attending meetings/interviews, demonstrating the goods and or services, legal services, or any other services that may be required in responding to this RFP.

### **Alteration to Bid Submission**

An RFP price may be altered by submitting another Form "B" Unit Bid Price Form at any time, up to the specified time and date for the closing. The last Form "B" Unit Bid Price Form received shall supersede and invalidate all previously submitted by the Bidder.

### **Withdrawal of Bid Submission**

A Bidder who has submitted a response to this RFP may request that such response be withdrawn. Withdrawals shall be completed and shall be allowed under the following conditions;

- 1 The RFP closing date and time has not passed. There shall be no withdrawals of submissions allowed after the closing date and time for receiving bids;
- 2 The request is made in writing on the Bidder's letterhead and signed by a senior official of the Bidder, and include his direct contact information; and
- 3 The request is made to the Roads Coordinator by email or by hand.

In all cases, a request for the withdrawal of a submission will be verified by the Township of Rideau Lakes, by way of a telephone call to the senior official representing the Bidder and making the request, to confirm the withdrawal.

All confirmed requests for withdrawal will be placed on record and the associated submission shall be given no further consideration. RFP prices withdrawn under this procedure shall not be reinstated.

Withdrawal of prices subsequent to the opening of the RFP or frequent refusal to accept work would be reviewed by the Township and may impact the Bidder's privilege to submit a RFP to provide services of this nature in the future.

**Validity**

Price shall remain firm and open to acceptance for 30 (thirty) days after the closing date unless otherwise stated.

**Acceptance or Rejection of Bid**

The Township reserves the right to reject any or all prices, for any reason whatsoever and to accept only equipment considered best for its interest and to waive formalities as the interests of the Township may require, without stating reasons. Therefore, the lowest price may not necessarily be accepted.

**Insurance – Liability, Automotive and Non-Owned Automobile Insurance**

Without in any way limiting the liability of any successful vendor, the vendor shall:

- 1 Maintain and keep in force during the term of the contract, General Liability Insurance protecting the contractor's liability, legal or assumed, under the contract for all claims arising from personal injury to members of the public, damage to property of public including loss of use of such property and the minimum insurance shall be \$5,000,000.00.
- 2 Maintain and keep in force during the term of the contract, automobile and non-owned automobile insurance on all vehicles used in connection with the work under this contract. Such insurance is to carry the minimum limit of \$2,000,000.00.
- 3 Maintain and keep in force during the term of the contract, Contractor's contingent liability insurance, covering the liability of the Contractor under this contract in respect to his sub-contractor's same limits as required in Clause (a).
- 4 Deposit with the Township of Rideau Lakes, before commencing any work under this contract, a certificate of insurance detailing the coverage and expiry date for all policies duly executed by the insuring company stating that if said policies are cancelled or changed in any manner, sixty (60) days written notice of such change or cancellation will be given to the Corporation of the Township of Rideau Lakes, Clerk, Delta Ontario. The Township shall be shown as an additional insured.

**Workplace Safety Insurance Act**

Any successful vendor is required to comply with all the regulations of the Workplace Safety and Insurance Board (WSIB) in respect to the contract work and all persons employed on or in connection therewith, and shall furnish a Certificate of Clearance from the Board to the Township of Rideau Lakes, and maintain good standing with the WSIB throughout the contract period.

**Contractor's Liability**

Any successful vendor shall be liable for all injuries and/or death to persons and for damage to property caused by his/her operations and those of sub-contractors and their employees engaged on and off site; and shall indemnify and save harmless the Township of Rideau Lakes from all suits and actions for damages and costs to such damages to property of others as well as the Township, resulting from negligence, poor workmanship and materials, as well as any cause whatsoever in the performance of the work.

**Terms of Payment and Invoices**

The Township shall pay for supplies upon receipt of an itemized invoice sent to Dan Chant, Roads Coordinator, at the Township of Rideau Lakes, [dchant@rideaulakes.ca](mailto:dchant@rideaulakes.ca). Generally, the Township of Rideau Lakes' terms of payment are net thirty (30) calendar days upon receipt of invoice.

## 2.0 Submission Forms

### FORM "A" CONTRACTOR'S INFORMATION FORM PW2021-6

Company \_\_\_\_\_

**Name of Firm or Individual** (Hereafter referred to as "Bidder") \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Name \_\_\_\_\_

**Name of Person Signing for Firm (please print)** \_\_\_\_\_

Position \_\_\_\_\_

Email \_\_\_\_\_

Signature \_\_\_\_\_

HST No. \_\_\_\_\_

Dated at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

**THIS PAGE MUST BE COMPLETED AND RETURNED WITH RFP**

**FORM "B" SPECIFICATIONS & UNIT BID PRICE FORM  
PW2021-6**

**MOTOR VEHICLE SPECIFICATIONS**

**SPECIFICATIONS AND CONFIRMATION FOR TANDEM TRUCK**

**MAKE:** \_\_\_\_\_

**MODEL:** \_\_\_\_\_

**YEAR:** \_\_\_\_\_

PROPOSED UNITS MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS IN ALL ASPECTS. ALTERNATIVE COMPONENTS, WHICH MEET THE REQUIREMENT OF THIS SPECIFICATION BUT ARE NOT IDENTIFIED IN THE SPECIFICATION, MUST BE APPROVED BY THE TOWNSHIPS PRIOR TO PROPOSAL CLOSING.

\*\*\*\*\*

**Specification Summary:**

- 1- 450 HP MINIMUM
- 2- AUTOMATIC TRANSMISSION
- 3- REQUESTED GVWR 69,000. CLC. GVWR: 80,000
- 4- MINIMUM 22,000 LB FRONT AXLE
- 5- MINIMUM 46,000 LB REAR AXLE
- 6- ENGINE RETARDER
- 7- EQUIPPED WITH CIRUS SSRX 10 HDMI W LIQUID SPREADER CONTROLS
- 8- BLOCK HEATER
- 9- AIR CONDITIONING
- 10-AM – FM STEREO BLUE TOOTH
- 11-MUD GUARDS
- 12-EQUIPPED WITH A 11 FOOT HYDRAULIC MOLDBOARD TILT ONE-WAY PLOW AND 11 FOOT WING, WITH SHORT ARMS
- 13-QUICK ATTACH HARNESS
- 14-HEAVY DUTY U-BODY DUMP BOX, EQUIPPED FOR SANDING (RED IN COLOUR)
- 15-WIRED AND/OR EQUIPPED WITH LIGHTING TO MEET M.T.O. STANDARDS FOR SUMMER AND WINTER MAINTENANCE
- 16-SEE ATTACHED SPECIFICATIONS
- 17-RED IN COLOUR
- 18-TRACTOR PACKAGE

**THESE PAGES MUST BE COMPLETED AND RETURNED WITH RFP**

## Tandem Truck Specifications

General			
1.1	New – 2021 model year or newer, equipped with tractor package and supplied with all standard equipment.	Mandatory	
1.2	Hard copy truck manual.	Mandatory	
1.3	Two (2) sets of keys cut and ready to use.	Mandatory	
	White		
Vehicle Weight			
1.4	GVW 68,000 lbs minimum. Allowable GVW shown on a metal or mylar tag.	Yes	No - Specify:
1.5	Vehicle approx. weight (wet) 19,000 lbs.	Yes	No - Specify:
Axles			
1.6	The spread on the tandem axles shall be 56 inches.	Mandatory	
1.7	Front axle – set forward, Meritor, minimum 22,000 lbs capacity. Dana Spicer I-200 W or equivalent.	Yes	No - Specify: Make: Model: Capacity:
1.8	Specify distance from front bumper to centreline of front axle.	Yes	No - Specify:
1.9	RT-46-164P 46,000# R-SERIES tandem axle	Yes	No - Specify: Make: Model: Capacity:
1.10	Rear axle, Meritor dual drive with interaxle differential and driver controlled interaxle differential lock out, and four wheel lock-up, matched to engine and transmission to give adequate road power at 80 km/hr at approximately 1,200 rpm.	Yes	No - Specify:
1.11	Axle ratio, 4.89 to 1.	Yes	No - Specify:



Brakes			
1.12	Cable drain valves shall be supplied. Air tanks will have manual moisture drains with remote pull chains, easy to reach.	Mandatory	
1.13	Heated air dryer to automatically purge accumulated air moisture during the compressor duty cycle.	Mandatory	
1.14	Automatic slack adjustors with stroke indicators with greaseable clevis pins installed.	Mandatory	
1.15	Service brakes – full air brakes with Bendix ABS System.	Yes	No - Specify:
1.16	Air compressor – 19 cfm capacity minimum, with dry type air cleaner on intake.	Yes	No - Specify:
1.17	Front brake size 16 ½ x 6 inches “S” Cam Type	Yes	No - Specify:
1.18	Rear brake size 16 ½ x 7 inches “S” Cam Type shall be supplied minimum.	Yes	No - Specify: Size: Type:
Frame			
1.19	Single frame shall be of a standard manufacturer’s design with reinforcement offered as “Standard Option” 7/16” x 3-9/16” x 11-1/8” 120 KSI Specify:	Yes	No – Specify:
1.20	Reinforcing: at the engine ¼“	Yes	No – Specify:
1.21	Moment: 3,200,000 RBM Minimum	Yes	No – Specify:
1.22	Trucks with Trunion type moto mounting must have frame reinforcement. Mounting of snow plow cheek plates shall be possible.	Yes	No – Specify:
1.23	Provision supplied to prevent diamond shaping of the frame. The frame bridged by a cross member installed within 10 inches of the rear of the cab in order to transfer snow plow wing push to each frame rail. This cross member gusseted	Yes	No - Specify:

	fore and aft.		
<b>Suspension</b>			
1.24	Cab to axle distance, approximately 126 inches.	Yes	No - Specify:
1.25	Wheelbase length, 207 inches approximately.	Yes	No - Specify:
1.26	Front: 23,000 IBS Flat leaf front suspension.	Yes	No - Specify: Capacity:
1.27	Front: Shock absorbers.	Yes	No - Specify:
1.28	Rear: TUFTRAC 46,000 lbs rear spring suspension.	Yes	No - Specify: Capacity:
1.29	Transverse torque arms and shock absorbers.	Yes	No - Specify:
1.30	Mud flaps with a clearance of not more than 12 inches above the ground.	Yes	No - Specify:
1.31	Aluminium Fenders	Yes	No – Specify:
<b>Wheels and Tires</b>			
1.32	Dual rear wheels.	<b>Mandatory</b>	
1.33	Steer axle-425-65R22.5 20 ply (front) Michelin XZY-3.	Yes	No – Specify:
1.34	Eight rear Michelin steel belted radial tubeless tires – XDS2 1100 R x 22.5 – 16 ply rating.	Yes	No – Specify:
1.35	Tread Design: Front – Standard Highway Tread.	Yes	No – Specify:
1.36	Tread Design: Rear – New traction tread – XDS.	Yes	No – Specify:
1.37	Wheel disc guards on front steering axle between hub and rim.	Yes	No - Specify:
1.38	Accuride aluminum extreme duty rims with hub pilot wheels and wheel nut torque indicators shall be supplied and installed, or approved equivalent.	Yes	No - Specify:

1.39	Wheel disc guards on rear tandem axles between hub and rim and between rims.	Yes	No - Specify:
<b>Engine</b>			
1.40	12.8L 450 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM with Jacobs brake.	Yes	No - Specify: HP: RPM:
<b>Transmission</b>			
1.41	WTEC Calibration – 6 speeds with auto neutral RDS (Package 223 for snow plow).	Yes	No – Specify:
1.42	Synthetic transmission fluid (TES-295 Compliant).	Yes	No – Specify:
1.43	Vehicle interface blunt cut wiring with fuse panel wire mounted between driver & passenger seats.	Yes	No - Specify:
1.44	Automatic transmission.	Yes	No - Specify:
1.45	Water to oil transmission cooler, frame mounted.	Yes	No - Specify:
1.46	Transmission oil check and fill with electronic oil level check.	Yes	No - Specify:
<b>Drive Shaft</b>			
1.47	Model MXL 18N / MXL17N Meritor or equivalent.	Yes	No - Specify:
<b>Hydraulic Pump</b>			
1.48	The pump shall be PISTON type and shall be of sufficient capacity to operate continuously one front mounted plow, one 3 function levelling wing, and combination U body spreader.	Yes	No - Specify:
1.49	CCCS Single proportional Uni-Grip control joystick 6-button back lighted with Panic feature installed with Floor Mounted flip arm rest. Equipment function names must be displayed on spreader controller screen for operator ease of seeing.	Yes	No - Specify:
1.50	Hydraulic tank (55 US gallons) vertically mounted behind the cab with internal 10micron return filter. A tank clean-out shall be incorporated with a magnetic	Yes	No - Specify:

	drain plug, low oil sending unit, filter by-pass indicator with oil sight level gauge. Must incorporate an enclosure for hydraulic valve system attached to oil tank on driver's side.		
1.51	Low level hydraulic oil indicator mounted in Joystick nose pod.	Yes	No - Specify:
1.52	The control valve will include the following electric proportional sections: 1 – D.A. front plow lift, 1 – D.A. plow tilt, 1 – D.A. harness tilt / detach, 1 –D.A. upper lock pin, 1 – D.A. lower lock pin, – 1 D.A. front wing 1 - D.A. push arm hydraulic extension, 1 – D.A. rear wing lift, 1 – D.A. rear scrapper lift, 1- D.A. rear scrapper reverse, 1 – S.A. Dump box control, 1 – S.A. Spinner, 1 – S.A. Conveyor.	Yes	No - Specify:
1.53	Complete valve section to be enclosed in a CIRUS valve enclosure. To be installed left side back of cab high above frame rails.	Yes	No - Specify:
1.54	Directional valve bank assembly with load sense capability for variable displacement pump, nominal flow 100 LPM (20 GPM) per section. The load sense signal originate from each section, the maximum flow of each section is factory adjusted though the Mako software utility for implement speeds.	Yes	No - Specify:
1.55	The hydraulic control valves will be operated by proportional electric in cab controls.	Yes	No - Specify:
<b>Engine Equipment</b>			
1.56	Master shut off switch for the batteries must be mounted in Cab.	<b>Mandatory</b>	
1.57	Exhaust pipe and muffler with guard must be horizontal behind the cab with tailpipe end on stack.	<b>Mandatory</b>	
1.58	An automatic, Horton, on/off temperature controlled fan clutch shall be supplied with manual override	Yes	No – Specify:

	switch.		
1.59	Alternator, single-belt drive 160 amp. Capacity. Low cut in type – 1/3 output at idle.	Yes	No - Specify: Make: Model: Capacity Normal: Capacity at Idle:
1.60	Three – maintenance batteries – 3,190 CCA Minimum – SAE rated.	Yes	No - Specify:
1.61	An adjustable electronic throttle.	Yes	No - Specify:
1.62	Manual exhaust regeneration inhibitor.	Yes	No - Specify:
1.63	A heavy duty dry type air cleaner dual element, with Integral Snow Valve and In-Cab control.	Yes	No - Specify: Type:
1.64	In cab air restriction indicator.	Yes	No - Specify:
1.65	A heavy duty fuel oil water separator, Con-Met CMI-650	Yes	No - Specify:
<b>Conventional Cab</b>			
1.66	The driver's and passenger's seat shall be a National 2000 195 Air High Back (or latest model) with Head-rest, Air lumbar cushion and back bolster and armrests on both sides or seat.	Yes	No – Specify:
1.67	Tilt Steering.	<b>Mandatory</b>	
1.68	Air ride cab.	<b>Mandatory</b>	
1.69	Electronic windshield wipers shall be supplied and shall be intermittent.	<b>Mandatory</b>	
1.70	Air conditioning.	<b>Mandatory</b>	
1.71	Floor mats – rubber.	<b>Mandatory</b>	
1.72	Power Mirrors – two outside, minimum 6 inches x 16 inches new style type mirrors with Convex c/w lights and heaters. Two fender mounted Convex mirrors on tri-pod stainless steel.	<b>Mandatory</b>	
1.73	Power side windows.	<b>Mandatory</b>	
1.74	AM-FM Radio Blue Tooth.	<b>Mandatory</b>	

1.75	Auxiliary control cab access hole in cab on floor.	Yes	No - Specify:
1.76	The driver's seat, adjustable fore and aft.	Yes	No - Specify:
1.77	Windshield to be heated.	Yes	No - Specify:
1.78	Tinted Safety glass doors and rear window.	Yes	No - Specify:
1.79	Exterior Sun Visor with cab lights	Yes	No – Specify:
1.80	Fender extensions on hood.	Yes	No - Specify:
1.81	Heater – fresh air type, with dual forced draft defroster – heavy duty blower.	Yes	No - Specify:
1.82	Tachometer.	Yes	No - Specify:
1.83	An hour meter anti-vibration mount.	Yes	No - Specify:
1.84	CB Radio ready.	Yes	No - Specify:
1.85	2-way radio ready.	Yes	No - Specify:
1.86	Dome light in Cab – light must radiate from cab roof.	Yes	No - Specify:
1.87	Interior grab bar on each side of the cab to assist entry & exit.	Yes	No - Specify:
1.88	Exterior grab bar on driver's side door.	Yes	No - Specify:
1.89	Dual-air horn with snow shield.	Yes	No - Specify:
	White noise back up alarm	Yes	No – Specify:
<b>Fuel Tanks</b>			
1.90	A minimum 80 US Gallon minimum step alloy tank mounted on the left side.	Yes	No - Specify: Size (US Gals):
<b>Lights</b>			
1.91	Factory switches on dash for auxiliary lighting for box and plow. (min. 5 switches). Lighting wiring to be	Yes	No - Specify:

	connected and programmed by Truck Supplier.		
1.92	The following lights shall be supplied and any connections to be made into Original Equipment Manufacturers (OEM) wiring to be made with a junction box.	Mandatory	
1.93	All lights must have circuit breaker type protection.	Mandatory	
1.94	Two fender mounted amber front directional LED signal lights, 4 inches minimum.	Mandatory	
1.95	Body builders wiring at end of frame.	Mandatory	
1.96	OEM auxiliary harness for front plow head lights.	Mandatory	
1.97	All lights on truck to be LED.	Mandatory	
1.98	LED Stop Lights mounted at frame level.	Mandatory	
1.99	LED five cab identification lights.	Mandatory	
1.100	LED Back-up lights.	Mandatory	
1.101	Two rear red directional LED signal lights such as Grote Hi Count LED Box Lamp or equivalent.	Yes	No - Specify:
1.102	One LED backup spot light shall be installed on each rear- top corner of the box. Lights shall be controlled on their own switch on the Hammerhead. (2-lights in total)	Yes	No - Specify:
Paint			
1.103	Paint shall be manufacturer's standard base coat clear coat.	Mandatory	
Spreader Controls			
1.104	The supply, installation and calibration of a material controller Cirus SSRx 10" with operator membrane keypad interface.  Cirus SSRx will have 3 camera inputs and will display on screen. Cameras will	Mandatory	

	<p>be delivered with plow but not installed.</p> <p>All connections outside the cab must be IP-68 rated connections. (No Exceptions)</p> <p>All spreader control cabling must have a minimum tensile strength of 2100 PSI.</p> <p>Spreader Control must have 2 way communication to the Auger or Prewet system and display PPM in cab on display screen for trouble shooting.</p> <p>Spreader Control System MUST be fully compatible with Rideau Lakes GPS/AVL telematics system.</p> <p>Cirus Spreader Control will be installed on the Cirus Gofer Mount and with integrated 620 Unigrip Joystick.</p> <p>Cameras and AVL will be installed during Cirus spreader control training undertaken within 3 days of plow delivery.</p>	
1.105	<p>HammerHead 12 Switch accessory Control from Cirus programmable control management system.</p> <p>Viking backlit 9 switch box to be provided and installed on in cab pedestal stand.</p>	Mandatory
Miscellaneous		
1.106	-45 degrees F. long life anti-freeze B123.	Yes    No - Specify:
1.107	Groeneveld no equivalent single line parallel operating automatic greaser with a low level and dash light warning indicator. Interval grease timer can be adjusted manually without a device.	Mandatory
1.108	Pintle hook installed with extended glad hands. Pintle hitch to be 24 inches above ground.	Mandatory
1.109	All hydraulic fittings to be Dixon part number W6F4-B wingnut style threaded quick couplers with Dixon part number W6DC steel dust cap.	Mandatory



1.110	MSJ model MSJGRAR-9 Rear Mount Reversible Scraper:	Mandatory
	The rear mount scraper assembly shall clear a 9 ft. wide path when fully angled left or right	Mandatory
	Moldboard shall be manufactured from ½" thick CHT100 type steel – no exception.	Mandatory
	The scraper shall be equipped with a centre punched serrated cutting edge – ¾" thick x 8" wide minimum.	Mandatory
	The backer angle at the base of the scraper blade shall be 4" x 4" x 1/2" angle, and include reinforcements.	Mandatory
	The scraper drive-frame chassis shall consist of the following: <ul style="list-style-type: none"> <li>– 2 angled square steel tubes of 3½" x 3½" x 3/8" thickness</li> </ul> 2 front crossbars manufactured from 3½" x 3½" x 3/8" thick square tubes	Mandatory
	The scraper shall rotate on the drive-frame through a self-lubricating central pivot pin of 4" diameter.	Mandatory
	The pin shall be installed on a ¾" thick steel pivot plate formed in a half-moon shape.	Mandatory
	The scraper shall attach to the chassis mounting brackets.	Mandatory
	The chassis mounting brackets shall utilize 4" x 4" x ¾" thick angle iron to form a box shape for easy installation onto rear of chassis frame rails.	Mandatory
–	The back of the drive-frame shall consist of 2" angle iron and 2 coupling hooks of 1" thickness for quick connection to the chassis mounting brackets.	Mandatory
	A mechanical lever assembly shall be utilised to quickly lock / unlock the scraper drive-frame to the chassis mounting brackets.	Mandatory
	The scraper lift cylinder shall be 4" diameter x 15" stroke with 2" nitrided cylinder rod	Mandatory

	A nitrogen accumulator shall be installed on the hydraulic hose between the lift cylinder and valve section.	Mandatory
	The scraper reversing cylinders shall be 4" diameter x 15" stroke with 2" nitrided cylinder rod	Mandatory
	A safety cushion valve shall be installed between the 2 reversing cylinders to assist in absorbing shock upon impact.	Mandatory
	The rear scraper shall include an oscillating system to allow the scraper to follow the contours of the road surface.	Mandatory
	The scraper shall be shot-blasted, primed and painted red.	Mandatory

### Plow Equipment Specifications

2.1	Viking model VCL120HSE9 11' one-way plow with hydraulic tilt. Plow must be punched with a 6-12 bolt hole spacing.	Yes	No - Specify:
2.2	1 marker fluorescent stick intake end of plow.	Yes	No - Specify:
2.3	Viking model VCL500HD hydraulically detachable front harness with upper and lower hydraulic locking pins and including right side 48" column (integral quick tack) ass. Locking pins must be controlled from 2 switches mounted on front harness for safety. Heated LED snow plow headlights / directional.	Yes	No - Specify:
2.4	2 Lights, one 6" flood light MTO SPEC on front harness cross tube and one 6" flood light on tower 48" ass.	Yes	No - Specify:
2.5	12" Convex mirror steel grey on front wing 48" post.	Yes	No - Specify:
2.6	Wing holding chain, on front wing post.	Yes	No - Specify:
2.7	Right side wings 30 degrees hinge ass. with aeon rubber block spring	Yes	No - Specify:
2.8	11' Regular right side double panelled wing moldboard. Viking model VCL275AHW wing harness system.  Including single hydraulically extendable lower wing brace with in-cab control.	Yes	No - Specify:

2.9	Double panelled side wing plow all black painted.	Yes	No - Specify:
2.10	Side wing end fluorescent flag tube ass.	Yes	No - Specify:
2.11	Right side wings short arms kit assembly with hydraulic extension.	Yes	No - Specify:
2.12	Right side wing column attachment for short arm. No slide assembly on rear wing column.	Yes	No - Specify:
2.13	1 Deflector tape on lower side wings arms kit.	Yes	No - Specify:
2.14	1 Additional LED light side wings on rear post ass.	Yes	No - Specify:
2.15	Installed/adjustment on truck carrier.	Yes	No - Specify:

#### **U Dump Body Spreader Equipment Specifications 300 Series**

3.1	Viking model PL1415HW-II combination dump body / spreader.	Yes	No - Specify:
3.2	PL1415HW-II spreader 14'x50"x55" chain D667KC, 3/16 Hardox 450 steel construction (sloped fender, w/o door) (CS130-5.5-3).	Yes	No - Specify:
3.3	Metal cover for conveyor chain	Yes	No – Specify:
3.4	55" Tailgate side opening ass.	Yes	No - Specify:
3.5	Cross conv. reversible, belt, 1 left spinner/ 1 right spinner.	Yes	No - Specify:
3.6	W/O top screen	Yes	No - Specify:
3.7	18" short cab shield ass.	Yes	No - Specify:
3.8	Air tarp system ass.	Yes	No - Specify:
3.9	Pneumatic opening door system (double air chamber) ass.	Yes	No - Specify:
3.10	Automatic main conveyor chain tensioning system	Yes	No - Specify:
3.11	Grote Ultra Blue Seal light LEDS truck light ass. In rear corner posts	Yes	No - Specify:
3.12	SWS light part #16399 mounted on pedestal.	Yes	No - Specify:

3.13	4 Rear post strobe amber/blue flasher Ont. (Traffic Act) ass. (REF GT-77365 amber/blue)	Yes	No - Specify:
	LED spot lights to be installed on each of rear corner post with separate in cab switch		
3.14	Front bracket and shovel ass.	Yes	No - Specify:
3.15	Front left side fold-down ladder ass.	Yes	No - Specify:
3.16	1 Door deflector tape (centre cross member)	Yes	No - Specify:
3.17	Each lower side deflector tape ass.	Yes	No - Specify:
3.18	No mud flap	Yes	No - Specify:
3.19	Poly coating bolted on left regular chute (1) ass	Yes	No - Specify:
3.20	Poly coating bolted on compact right regular chute (1) ass.	Yes	No - Specify:
3.21	Yellow spinner guard (2) ass.	Yes	No - Specify:
3.22	Hydraulic threaded quick coupler on spinner (2) ass.	Yes	No - Specify:
3.23	14' or less plastic sheet under main conveyor ass.	Yes	No - Specify:
3.24	10" wood extension 14' dump box or less (no paint 2"x3") ass.	Yes	No - Specify:
3.25	Regular colour GR5 choice painted ins	Yes	No - Specify:
3.26	Direct transmission mounted hydraulic load sense pump in compliance with the following specification <b>Model Danfoss S45 rear ported B flange</b> front mount installation.	Yes	No – Specify:
3.27	Customer installed Chelsea 277 Series PTO.	Yes	No - Specify:
3.28	Transmission prognostics – enabled 213.	Yes	No – Specify:

I/We hereby agree to supply **One (1) Tandem Plow Truck**. Complete in working condition in accordance with Parts “A”, “B” and “C” of this Proposal for the following price:

DESCRIPTION	PRICE Canadian \$ (LESS HST)
Supply Tandem Plow Truck	\$ _____
<b>TOTAL PRICE</b>	<b>\$ _____</b>

The specified Tandem Plow Truck will be delivered to the following:  
Township of Rideau Lakes 1439 County Road 8 Delta ON K0E 1G0

**Notes:**

- i) HST will be paid in addition to the Proposal price
- ii) Prices must be rounded to two decimal places only

**THIS PAGE MUST BE COMPLETED AND RETURNED WITH RFP**

**FORM "C" TAX COMPLIANCE DECLARATION  
PW2021-6**

I/We hereby certify that, \_\_\_\_\_ at the time of submitting this

(Legal Name of Company)

RFP, is in full compliance with all tax statutes administered by the Ministry of Finance for Ontario and that, in particular, all returns required to be filed under all provincial tax statutes have been filed and all taxes due and payable under those statutes have been paid or satisfactory arrangements for their payment have been made and maintained.

Dated at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_ 2021.

\_\_\_\_\_  
(An Authorized Signing Officer)

\_\_\_\_\_  
(Title)

**THIS PAGE MUST BE COMPLETED AND RETURNED WITH RFP**