LABRADORCITY

Supply of RPM Tech LM220 Snowblower

TLC-02-26

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TOWN OF LABRADOR CITY

FORM OF TENDER

Supply of RPM Tech LM220 Snowblower TLC-02-26

Tenderer_____

Address_____

Telephone # _____

The undersigned bidder has carefully examined the Form of Tender, Instructions to Bidders, and agrees to supply item as per the attached specifications.

Quotation _____

H.S.T. 15% _____

Total Quotation _____

The above quotation shall include all freight charges, F.O.B., Tamarack Drive, Labrador City, NL.

The tenderer, if awarded the contract, agrees supply within_____weeks following notification of award of the contract.

Authorized Signature:_____Date:_____

Contact Name:_____Fax #_____

Email Address:_____

INSTRUCTIONS TO BIDDERS

1. TENDERS

(a) Bidders shall submit Tenders in a sealed envelope and clearly marked to the town of Labrador City Office or by an emailed electronic copy to cashier@labradorcity.ca of the Bid in pdf format. Either method of delivery shall be duly marked:

"TENDER FOR: **Supply of RPM Tech LM220 Snowblower TLC-02-26**

addressed to the attention of the Town Clerk, Town Hall, P.O. Box 280, Labrador City, NL A2V 2K5. Include Bidders Name and Return Address on Envelope.

(b) Tenders shall close at **3:00 p.m. local time,** Labrador City on:

February 25, 2026

(c) Before submitting a tender, tenderers shall carefully examine the tender documents and fully inform themselves of the contract requirements and existing conditions.

(d) The Bidder should refrain from contacting other employees or members of Council of The Town of Labrador City in respect of this procurement process, including for the purposes of lobbying or attempting to influence the outcome of this procurement process. Any such contact may, in the Town of Labrador City's sole discretion, result in disqualification of the Bidder.

(e) The Town will not defray any expenses incurred by the tenderers in the preparation and submission of their tenders.

(f) The Town, its employees and agents shall not be held liable or accountable for any error or omission in any part of this Tender or response to Bidder's questions.

(g) Quotation shall be valid for acceptance for ninety (90) days from the tender closing date.

(h) This tender is subject to the Access to Information and Protection of Privacy Act, 2015.

(i) The financial value of this tender will be publicly released as part of the award notification.

(j) If applicable, this tender is subject to trade agreements.

2. DIGITAL SUBMISSION REQUIREMENTS

All proposals must be submitted electronically via email to cashier@labradorcity.ca To ensure the security and confidentiality of your submission, the following requirements must be met:

a) File Format:
   (i) Submissions must be in PDF format. Additional supporting documents may be included in commonly accessible formats (e.g., Excel, Word, or JPEG) as necessary.

b) Passcode Protection:
   (i) All digital submissions must be passcode-protected to ensure confidentiality of respondent's bids.

(ii) Passcodes shall be remitted in a separate email sent to townclerk@labradorcity.ca; this email must be received no later than within 1 hour of the closing date.

c) Email Subject Line:
(i) Respondents must use the following subject line format: " Supply of RPM Tech LM220 Snowblower TLC-02-26 - [Company Name]."

d) File Size:
(i) The total size of all attached files must not exceed 20MB. If your files exceed this limit, please provide a link to a secure cloud storage platform (e.g., OneDrive, Google Drive) with restricted access.

e) Submission Deadline:
(i) Proposals must be received by Friday, February 25th, 2026 at 3:00pm local time. Late submissions will not be considered.

f) Confirmation of Receipt:
(i) It is the responsibility of the respondent to confirm receipt of their submission by contacting Cashier Clerk at cashier@labradorcity.ca or 709.944.2621.

The Town of Labrador City cannot guarantee the confidentiality or security of digital submissions that are not passcode-protected. It is the sole responsibility of the respondent to ensure their proposal is adequately secured prior to submission. Proposals submitted without passcode protection may be at risk of unauthorized access.
For any technical issues or questions related to digital submission, please contact the Public Works Department – publicworks@labradorcity.ca

3 BID SUBMISSION, REVISION & WITHDRAWAL

(a) It is the Bidders' sole responsibility to ensure their Bid is received when, where and how it is specified in this document. The Town is not responsible for lost, delayed, misplaced, or incorrectly delivered Bids.

(b) Bid revisions, changes, and alterations will be accepted by the Town provided they are received prior to the closing date and time of the Tender. Bid revisions, changes and alterations may be made only by completing a new Bid to the Town.

(c) Where a Bidder submits multiple Bids to a Tender, each successive Bid will nullify and replace any previous Bids.

(d) Bidders may withdraw their Tender at any time, prior to the closing date & time of a Tender, by submitting an email to cashier@labradorcity.ca All withdrawn Bids will be shredded the Town of Labrador City.

4 UNACCEPTABLE TENDERS

(a) Tenders not submitted on the Tender Form provided will not be considered.

(b) Bids submitted by facsimile will not be accepted.

(c) Tenders received after the tender closing time will not be considered.

(d) Incomplete tenders will be rejected.

(e) Tenders containing qualifications or additional clauses to the Tender Form may be rejected.

5 SUBSTITUTIONS

(a) Tenders shall be based upon using the materials or products as specified without substitution. Where two or more brand names are specified, the choice shall be left to the successful bidder. Where only one brand name is stated, there shall be no substitution.

(b) Where the specifications include the **OR APPROVED EQUAL** clause, substitutions may be proposed provided that:

(I) The request for substitution is made in writing at least seven (7) days prior to the tender closing date.

(ii) The request shall clearly define and describe the products for which the substitution is requested.

(iii) The substitution item is equivalent to the described item with regard to design, function, appearance, durability, operation and quality.

(iv) Approval of the substitution by the Town shall be in the form of an Addendum to the specifications issued to all the tenderers listed as having received a copy of the contract documents.

6. ACEPTANCE OR REJECTION OF TENDERS

(a) The Town reserves the right to reject any or all bids without stating reasons. The lowest or any tender will not necessarily be accepted.

(b) Upon acceptance of the tender, the Tender Form becomes part of the Contract Documents and the successful tenderer becomes the Contractor.

(c) One payment shall be made in accordance with the contract as follows:

(i) Upon acceptance of all material or products, or upon substantial completion of the work.

(ii) Within thirty (30) days of receipt of the invoice by the Town.

(d) The Town reserves the right to accept a non-compliant bid.

7. ADDENDUMS

(a) Addenda may be necessary for:

(i) Correction of the Tender and related forms

(ii) Extension of the submission deadline

(iii) Clarification of parts of the Tender

(iv) Retraction or cancellation of the Tender

(v) Responses to bidders questions

(vi) Other additions to, deletions from or alterations to the requirements contained in the Tender

(b) Request for addenda must be submitted five (5) calendar days prior to the tender closing date. Requests submitted thereafter will not be considered or responded to.

(c) All addendums become part of the Bid Documents, as appropriate. Bidders are responsible for addressing all addenda in preparing Bids and should confirm, prior to submitting Bids, that all issued addenda have been received.

8. DELIVERY

(a) Where the Tender includes a mandatory delivery schedule, the Town will assume that the Bidder can meet the requested schedule and is satisfied that the goods or services required will be available for delivery on the requested date(s).

(b) Time is of the essence, and delivery schedule(s) are legally binding. The Town reserves the right to assess penalties or cancel awards to Bidders who fail to meet the stated delivery or completion dates.

(c) All equipment/goods delivered are subject to inspection and test within a reasonable time after delivery to the Town premises. In the event of a defective product the Town reserves the right to return it to the vendor for full credit.

9. Taxes

(a) The Town of Labrador City is subject to the Harmonized Sales Tax at the rate of 15%.

(b) Above referenced tax shall be shown separately on all invoices presented to the Town of Labrador City for payment.

The sums herein tendered include all taxes, royalties, custom duties, foreign exchange charges, transportation, traveling costs, all overhead and profit, all co-ordination fees, insurance premiums and all other charges.

10. PERSON TO CONTACT

For further information contact Bryan Fagan at the following telephone number **709-944-7172** or email: maintenancemanager@labradorcity.ca

Specifications

		Compliance Yes/no	If no, Explain
1.0	**General**		
1.1	The unit shall be a new current year LM220 loader mounted snow blower as manufactured by RPM Tech.	____	_____
1.2	The following are requirements for the snow blower, to be installed on a wheel loader. The unit specified herein shall consist of a self-contained two stage dual auger snow blower attachment suitable for mounting on a Cat 950M and a Komatsu WA380-8 wheel loader.	____	_____
1.3	The equipment shall be capable of handling all types of snow, including wet, heavy snow to hard packed frozen snow. The unit shall be capable of arduous duty for prolonged periods of time, without deformation and/or failure of components, in ambient temperatures down to minus forty degrees (-40◦C) (-40◦F).	____	_____
1.4	Two (2) 510 mm (20 in.) serrated augers,	____	_____
1.5	Shall have impeller housing and telescopic truck loading chutes	____	_____
1.6	Blower shall have plastic bushings and rubber absorbers shall be used on mobile components of the snow blower such as the chute, the engine cowling, battery tray, in order to avoid any metal-to-metal contact to eliminate vibration problems and premature wear of these parts by friction.	____	_____
2.0	**Capacity**		
2.1	Shall have up to 3000 tons per hour, depending on snow conditions.	____	_____
2.2	Shall have a casting distance up to 46 m (150 ft).	____	_____
2.3	Shall be capable of casting from the telescopic chute or the side chute (impeller casing)	____	_____
3.0	**Dimensions and weight**		
3.1	The overall width shall be minimum is 2795 mm (110 in.)	____	_____

		Compliance Yes/no	If no, Explain
3.2	Height with standard telescopic chute retracted is 3442 mm (135.5 in.)	____	_____
3.3	Overall height with standard telescopic chute extended is 3899 mm (153.5 in.)	____	_____
3.4	Working height is 1321 mm (52 in.)	____	_____
3.5	The unit weight with fuel and DEF tanks full, standard fixed steering vanes, and a steel bolted plate for the quick coupler (the plate is not a coupler) is 4445 kg (9800 lb)	____	_____
3.6	Horizontal center of gravity of 952 mm (37 ½ in.)	____	_____

4.0 Frame

4.1	Shall be a fully welded construction.	____	_____
4.2	The frame: shall be a triangular design composed of two (2) Oversized beams on each side. It allows optimal effort dispersion from the front of the unit to the quick coupler and maintains structure integrity during hard work and in case of impacts.	____	_____

5.0 Scraper Blades and Skates

5.1	Blower shall have two (2) bolted skid shoes on the exterior of the body, one on each side, protect the snow blower frame from friction wear against sidewalks and medians	____	_____
5.2	Blower shall be equipped with two (2) reversible scraper blades made of 44W steel, 25.4 mm x 101 mm (1 in. x 4 in.).	____	_____
5.3	Blower shall be equipped eight (8) Trimay® skid shoes attached under of the snowblower, totalizing 3,935 cm2 (610 in2) of wear area	____	_____
5.4	Shall have carbide scraper blades	____	_____

6.0 Steering Vanes

6.1	Blower shall be equipped hydraulically controlled steering vanes	____	_____

		Compliance Yes/no	If no, Explain
7.0	**Standard Telescopic Loading Chute**		
7.1	The loading chute shall be 406 mm (16 in.) in diameter and consists of two (2) vertical sections, one (1) directional section and one (1) flexible section.	____	_____
7.2	Blower shall be equipped with a 457 mm (18 in.) hydraulic extension allows the loading chute to cast at any adjustable height from 3442 to 3899 mm. (135.5 to 153.5 in.)	____	_____
7.3	The chute shall be located to the left of the impeller and has the ability to cast snow on either side of the unit.	____	_____
7.4	A rugged rotation system shall utilizes two (2) different materials, steel and UHMW thermoplastic, to prevent friction and wear	____	_____
7.5	Flexible and directional sections shall be fabricated from 5 to 6.35 mm (3/16 to ¼ in.) thick abrasion resistant steel with a Brinell hardness of 450 (Hardox or other manufacturers)	____	_____
7.6	Flexible section shall rotate with the use of one (1) hydraulic cylinder controlling the projection distance from 1 to 16 m (3 to 50 ft)*. *Up to 46 m (150 ft) from side casting through the impeller housing. *Depending on snow conditions	____	_____
7.7	Hydraulic rotation shall be 300°.	____	_____
7.8	Chute shall Rotate with hydraulic motor and gear.(No Chain)	____	_____
8.0	**Impeller & Impeller Casing**		
8.1	The impeller's nominal diameter shall be 940 mm (37 in.) and consists of five (5) bolted on and concaved impeller blades that are fabricated from 6 mm (¼ in.) CHT100 steel.	____	_____
8.2	Unrestricted impeller casing intake. The intake diameter is 972 mm (38 ¼ in.) Impeller casing internal diameter is 990 mm (39 in.)	____	_____
8.3	The impeller casing shall be made of 6 mm (¼ in.) wear resistant steel with a Brinell hardness of 450 (Hardox or other manufactures)	____	_____

		Compliance Yes/no	If no, Explain
8.4	The impeller casing should be easily replaceable, and hold in place by a bolted steel ring	____	_____
8.5	The rotation of the impeller casing shall be hydraulically operated by a worm gear system which rotates to a total of 145˚, enabling to cast to the right and to the left side without any manual adjustments.	____	_____

9.0 Augers

9.1	Shall be two (2) interchangeable full flight augers of 510 mm (20 in.) diameter. Augers are welded in one (1) piece.	____	_____
9.2	The augers shall be fabricated from 6 mm (¼ in.) CHT100 steel, with a continuous weld on a 114 mm (4 ½ in.) OD tube x 13 mm (½ in.) wall.	____	_____
9.3	Auger flights shall be serrated and drilled, ready for bolting ice-breakers on them	____	_____
9.4	A rubber deflector shall be bolted onto the blower frame, over the top auger.	____	_____
9.5	Shall have bolted ice breakers. (Both Augers)	____	_____

10.0 Engine

10.1	Engine shall be Caterpillar C7.1 Tier 4F Diesel engine, 225 kW (300 hp) @ 2200 rpm, turbocharged and after cooled. Engine is approved and audited by Caterpillar on the application.	____	_____
10.2	Alternator: shall be 100 Amps.	____	_____
10.3	Radiator shall be located on right side.	____	_____
10.4	The radiator shall be fitted with a blanket cover to keep the engine temperature at an optimum level in cold temperatures.	____	_____
10.5	Unit shall be equipped witg two (2) stage dry type air filters with clogging indicator (easy assembly).	____	_____
10.6	Maximum engine torques hall be: 1274 Nm (940 lb-ft) @ 1400 rpm	____	_____

		Compliance Yes/no	If no, Explain
10.7	Diesel exhaust fluid (DEF or 'AdBlue') tank shall be equipped with an engine coolant DEF liquid heater.	____	_____
10.8	Engine shall have a protection system which includes but No limited to: low oil pressure, high coolant temperature, High intake air temperature, and low DEF liquid level	____	_____
10.9	Shall have low coolant level shutdown system	____	_____
10.10	Blower shall be equipped with winter starting aid:		
	• Engine block heater of 1000 W	____	_____
	• Glow plugs	____	_____
	• DEF liquid tank is heated by a heating blanket	____	_____
10.11	Blower shall be equipped with Bolted racor filter heater water separator	____	_____
10.12	Blower shall be equipped with Secondary Diesel filter with replaceable element.	____	_____
10.14	Blower shall be equipped with Thermostatic fan	____	_____

11.0 Fuel System

11.1	Blower shall be equipped with a minimum 300 litres (79 gallons) steel fuel tank with mechanical gauge allowing for up to eight (8) hour use (depending on snow conditions).	____	_____
11.2	Blower shall be equipped with Primary, water separator, Diesel filter with replaceable element	____	_____
11.3	Blower shall be equipped with Secondary Diesel filter with replaceable element	____	_____
11.4	Blower shall be equipped with Injection system with electronic control.	____	_____

12.0 Electrical System

12.1	Blower shall be equipped 12-Volt starter.	____	_____
12.2	Blower shall be equipped two (2) batteries type 31 - 2250 CCA, maintenance free.	____	_____

		Compliance Yes/no	If no, Explain
12.3	Blower shall have all electrical components are in a weatherproof box.	____	_____
12.4	Blower shall have all welds are covered by shrink tube. Terminals are welded. Circuit protection with breakers.	____	_____
12.5	Blower shall have all wire cables type GXL are marked every 152 mm (6 in.)	____	_____
12.6	Blower shall have relays and circuit breakers are identified with stickers.	____	_____
12.7	Blower shall have work lights on the blower.	____	_____
12.8	Blower shall have work lights on the chute.	____	_____
12.9	Blower shall have LED lights.	____	_____

13.0 Hydraulic system

13.1	Blower shall have Six (6) US GPM (23 litres/min.) hydraulic pump, directly mounted on engine auxiliary drive.	____	_____
13.2	Blower shall have Mono-block type electro hydraulic valves.	____	_____
13.3	Hydraulic hoses shall be SAE 100R2 type.	____	_____
13.4	Blower shall have ten (10) microns oil filters on return line.	____	_____
13.5	Blower shall have 9 litres (2.4 gallons) hydraulic oil tank.	____	_____
13.6	Blower shall have Arctic oil (hydraulic, engine, oil bath, gearbox, °C and reducer). Constant operation under -25/-13°F.	____	_____

14.0 Engine Cowling

14.1	Engine Cowling shall be steel fabrication with aluminum for opening section.	____	_____
14.2	Engine Cowling shall open with two (2) gas cylinders allowing easy access to the radiator.	____	_____

		Compliance Yes/no	If no, Explain

5.0 Hydraulic System

15.1	Blower shall have Six (6) US GPM (23 litres/min.) hydraulic pump, directly mounted on engine auxiliary drive.	____	_____
15.2	Blower shall be equipped with a hydraulic cylinder with cab control actuates the clutch. The hydraulic movement is controlled by an electronic circuit to ensure that the operator is not able to engage the clutch inappropriately. During operation, if the cylinder is not in the proper position, the system disengages the clutch and advises the operator through visual and audible warning alarms as well as a textual alarm.	____	_____
15.3	Blower shall be equipped with an angular position sensor is installed directly on the clutch disc. This angular sensor prevents the clutch engagement when the engine rpm is not at idle.	____	_____
15.4	Blower shall be equipped with a system that prevents engine start-up when the clutch is engaged.	____	_____
15.5	The clutch system shall be equipped with a with a lever, allowing emergency manual engagement in the event of a clutch failure.	____	_____
15.6	Shall have hydraulic Twin Disc clutch system, hydraulically actuated	____	_____

16.0 Power Train

16.1	The powertrain system shall be composed with a minimum of components for a maximum of reliably: • One only bevel type gearbox • A belt drive system with **no** oil bath • Two (2) drive shafts series 1550 providing power to the augers and impeller.	____	_____
16.2	Primary and secondary drive belts shall be Gates Poly chain GT Carbon, 14 MGT, 68 mm.	____	_____
16.3	Belt tension adjustment with one (1) eccentric and one (1) linear tensioner.	____	_____

		Compliance Yes/no	If no, Explain
16.4	Two (2) sets of shear bolts protecting the impeller and augers.	____	_____
16.5	Shear bolts located in easily accessible locations through swing doors. • The first set of shear bolts is located on the driveshaft, between the power unit and the belt drive. • The second set of shear bolts is located on the driveshaft, between the impeller gearbox and the belt drive.	____	_____

17.0 Control System

17.1	Heavy duty control and display system PLUS +1 from SAUER DANFOSS using a multiplexing communication system.	____	_____
17.2	Shall be high resolution greyscale LCD screen, 2 in. x 4½ in.	____	_____
17.3	Shall Have four (4) button CANBUS joystick and ignition key switch.	____	_____
17.4	Shall have two-page display of the following information: engine revolution (rpm), engine oil pressure (psi), engine coolant temperature (°F), system voltage (V), engine load factor, fuel level, engine hour meter, engine alarm lights, clutch engagement light, work lights state, optional chute lights state and detailed textual description of errors.	____	_____
17.5	Control System shall have maintenance log and record display.	____	_____
17.6	Shall have both English and French display.	____	_____

Control Functions

17.7	Screen function for clutch engagement and disengagement.	____	_____
17.8	Joystick functions for chute deflector and rotation.	____	_____
17.9	Joystick functions for variable engine throttle control.	____	_____
17.10	Joystick function for impeller casing rotation.	____	_____

		Compliance Yes/no	If no, Explain
17.11	Joystick function for chute extension.	____	_____
17.12	Joystick function for steering vanes.	____	_____
17.13	Joystick sensibility configurable on the LCD screen.	____	_____
17.14	Clutch angles programming protected by passwords.	____	_____
17.15	Stored engine code readings accessible directly on the LCD display.	____	_____
17.16	Joystick manual on LCD screen.	____	_____
17.17	An emergency stop on the blower and an emergency stop in the cabin.	____	_____

Lights and Indicators

17.18	Hour meter.	____	_____
17.19	Voltmeter and oil pressure gauge.	____	_____
17.20	Engine coolant temperature gauge.	____	_____
17.21	Fuel level gauge.	____	_____
17.22	Stop and diagnostic engine lights.	____	_____
17.23	Warning light and audible alarm for clutch malfunction.	____	_____
17.24	Visual and audible alarm for air intake overheating, cooling liquid temperature, low oil pressure, engine stoppage, low system charge, and clutch errors.	____	_____
17.25	Working and chute light indicator.	____	_____
17.26	Visual alarm for low fuel level, check engine, activated heating elements and maintenance due.	____	_____

OPTIONS

17.27	One (1) 7 in. (178 mm) high resolution TFT display. 18-bit colour	____	_____

	Compliance Yes/no	If no, Explain
17.28 Display and control of the lights' condition with the	____	_____
LCD screen (optional equipment)	____	_____
17.29 Miniature joystick for loaders with limited cabin space		
17.30 Electronic impeller casing rotation locking function, on the screen, in order to avoid accidental side casting operations e.g. in residential areas	____	_____

18.0 Paint and Labels

18.1	All metal surfaces are properly prepared for painting to ensure removal of any/all surface rust, welding slag, soot, dirt, grease or wax.	____	_____
18.2	Two (2) component epoxy primer of 2-3 mil thickness.	____	_____
18.3	Two (2) component polyurethane paint (manufacturer's standard yellow) of 3-4 mil thickness.	____	_____
18.4	All warning and instruction stickers on the unit are in English and French	____	_____

19.0 Manuals

19.1	One (1) parts catalogue and one (1) operation and maintenance manual are supplied with the snow blower on Flash Drive and Hard Copy. The electrical diagram is included in the parts catalogue.	____	_____

20.0 Warranty and After Sales Service

20.1	The transmission system is covered by two a (2) years warranty, parts and labor	____	_____

		Compliance Yes/no	If no, Explain
20.2	The snow blower is covered by a one (1) year or 1500-hour warranty, including parts and labour. Provide documentation outlining the warranty's terms and conditions.	____	_____
20.3	The engine is covered by a 24 months or 3000 hours warranty from the engine manufacturer. Provide warranty documents.	____	_____
20.4	Supplier will provide 24 hour service at all times and inventory stock levels are maintained for all parts essential to the normal operation of the snow blower.	____	_____

21.0 Options

21.1	Carbide bottom cutting edge.	____	_____
21.2	One (1) 7'' high resolution TFT display. 18-bit color.	____	_____
21.3	High hydraulic oil temperature protection	____	_____
21.4	Carbide overlay on chute	____	_____
21.5	Carbide overlay on impeller casing	____	_____
21.6	Chute components made of Trimay®	____	_____
21.7	Impeller housing components made of Trimay®	____	_____
21.8	Work lights on the blower	____	_____
21.9	Work lights on the chute	____	_____
21.10	LED lights	____	_____

		Compliance Yes/no	If no, Explain
21.11	Coolant recovery system	____	_____
21.12	22.12 Arctic oils (hydraulic, engine, gearbox, and reducer). Ideal for constant operation under -25°C/-13°F. Enhance running behavior at -40°C and colder ambient temperatures 22.13 Fuel Fire Engine Coolant Preheater	____	_____
21.13	Racor heated fuel filter/water separator	____	_____
21.14	Welding of customer's attach on the bolted plate	____	_____
21.15	Complete female quick attach system	____	_____
21.16	Maintenance harness	____	_____
21.17	USB troubleshooting cable	____	_____
21.18	Wireless remote emergency engine shutdown system 22.21 Smart battery charger	____	_____

22.0 Extended warranty

22.1 Please provide options for extended warranty.
Do not include the options in the bid price.

	Compliance Yes/no	If no, Explain

24.0 Coupler

24.1 Quick attachment to come with blower _____ _____