



## Town of La Ronge

Tender # Airport-2022- 02

### Procurement of Airport Plow Truck

Tenders must be received by email or mail at the Town of La Ronge by:  
**11:59am CST, January 20th, 2022.**

All tender documents must be submitted no later than the above-mentioned time to:

Town of La Ronge  
Box 5680, 701 Hildebrand Drive  
La Ronge, SK Canada  
Attn. Jim Burr, Airport Manager  
Cell: 306-425-6992  
Email: [airport.manager@laronge.ca](mailto:airport.manager@laronge.ca)

## 1 Instructions to Bidders

- a. The Town of La Ronge is requesting Bidder's pricing for an **Airport Plow-Truck** and attachments, which is to include all standard equipment features and all equipment features listed in Appendix 'A' - *Detailed Equipment Specifications Sheet*.  
Notwithstanding any provision in the listed specifications or other provision of this Tender document, where minimum specifications are not met, specifications which will in the opinion of the Town of La Ronge provide sufficient capacity; size or performance for its requirements may be accepted in accordance with the Terms and Conditions of this Tender.
- b. Tenders will be received until **11:59am CST, January 20th, 2022**. The Town of La Ronge publishes Tender opportunities on Sasktenders in order to comply with the New West Partnership Trade Agreement.
- c. Prices quoted are to be net prices and are to remain firm for thirty (30) calendar days from the Tender closing time and date. All pricing provided are to be in Canadian Currency only, and shall be inclusive of all applicable taxes, duties and fees at the time of the Tender closing, where applicable and shall be F.O.B. any point in the Town of La Ronge.
- d. If a discrepancy is found between the "Unit Price" and the "Extension", the "Unit Price" shall govern in all instances. The Town of La Ronge reserves the right to correct such errors in the extensions, and re-total all amounts shown and consider the corrected total price as the Bidder's intention once Tenders Tender document questions shall be directed to:
  - Airport Manager, Jim Burr (contact information on title page) and will be answered within 24 hours up until 24 hours before the submission deadline.
- e. When submitting your Tender, you must include:
  - a copy of the executed *Tender Bid Form*,
  - a recent brochure showing pictures and specifications of the supplied equipment and attachment being offered.

All unit prices must be clearly indicated. **Tenders via email are accepted and are to be sent to Jim Burr, Airport Manager, [airport.manager@laronge.ca](mailto:airport.manager@laronge.ca).**

The Bid must not be restricted by a statement added to the *Tender Bid Form* or by a covering letter, or by alterations to the *Tender Bid Form* supplied unless otherwise provided herein. Adjustments to a Tender already submitted will not be considered.

The Tender must be signed in the space provided on the *Tender Bid Form* with the signature of the authorized signing authority of the firm bidding. If a joint bid is submitted, it must be signed and addressed on behalf of the bidder.

- f. Prices quoted are to be net prices and are to remain firm during the effective dates of this Tender. All pricing provided are to be in Canadian Currency only, and shall be inclusive of all applicable taxes, duties and fees at the time of the Tender closing, where applicable and shall be F.O.B. any point in the Town of La Ronge.
- g. The Town of La Ronge reserves the right to accept all or part of this Tender.
- h. The Town of La Ronge reserves the right to cancel any order or Tender if the goods or services are unsatisfactory.
- i. The Town of La Ronge also reserves the right to delete any portion of the work from the contract should it be deemed in the best interest of the Town to do so.
- j. The obligations and rights of Bidders shall be those expressed herein. No terms, either implied or verbally expressed shall affect, restrict or in any way vary the written terms of this invitation to Tender. Not to limit the generality of the foregoing, no terms may be implied by virtue of custom or usage.
- k. The rights of the parties shall be governed by, and the contractual terms shall be interpreted in accordance with the laws of the Province of Saskatchewan.
- l. [KT1] Any Tender is not necessarily accepted furthermore, the lowest bidder isn't necessarily the awarded Tender.
- m. The Town reserves the right to give preference to the Bidder whose Tender includes any material, specifications or methods of execution that are deemed by the Town to be superior to those of any other Bidder for this Tender.
- n. The *Detailed Equipment Specifications Sheet* lists only the major details of the unit. As such, it is the Bidder's sole responsibility to deliver a fully equipped piece of equipment with the appropriate compatible components to provide dependable efficient services. A 3<sup>rd</sup> party is permitted to install the features if the bidder chooses, however the final product and defects is the sole responsibility of the bidder.

- o. The equipment must meet all applicable Canadian Standards and have accepted standards such as CSA, ULC, EN, IEC and the vehicle must be legally sold in Canada. [KT2]
- p. With respect to Tendering or Bids, the Town reserves the right to refuse any or all Tenders, Bids or Proposals where the Town deems it to be in the best interest of the Town to do so having regard, but not limited to questions of quality supply and service, timelines, performance trustworthiness, solvency, monies owing or due to the Town and the existence or potential of legal disputes or conflicts with the Town of La Ronge. [KT3]
- q. [KT4] The conditions outlined herein shall be part of the Tender.
- r. Should a dispute arise from the Terms and Conditions of this Tender regarding meaning, intent or ambiguity, the decision of the Town of La Ronge shall be final.

## [KT5] 2 Tender Process

Tenders received by the Town of La Ronge after **11:59am CST, January 20th, 2022** will not be considered.

Tender submissions must be submitted on the *Tender Bid Form*.

Upon closing, the Town will review all Tenders for completeness requirements of this Tender. The Town will consider the Bidder meeting all the specifications required and providing the lowest bid, taking into consideration of such factors as suitability, price, availability, parts availability, warranty and ongoing service and historical relationship with the Town of La Ronge.

## 3 Schedule

The following is the projected timeline of this Tender. Date of the delivery is approximate only and is flexible however, the awarded tender is expected to have it delivered by the final date.

**Tender Release Date:** January 5th, 2021

**Tender Closing Date:** 11:59am CST, January 20th, 2022

**Delivery of Final Product – La Ronge SK:** 6 months (180 days) from date of tender award

## 4 Additional Information

### Evaluation Criteria:

- Ability to meet all specifications
- Price\*
- Warranty
- Vendor and warranty location

\* **Local Preference** – As per our current procurement policy, Municipal employees will maximize the use of local businesses in the acquisition of goods and services. Generally, the following criteria will apply to support local and regional businesses

- (1) within 10% of the lowest price for businesses located within the Town;
- (2) within 5% of the lowest price for businesses located within the La Ronge region (Air Ronge, LLIB, and Norther Saskatchewan Administrative District (NSAD).

## Appendix A - Detailed Equipment Specifications Sheet

The following *Detailed Equipment Specifications* will be used in the evaluation to determine the successful Bidder.

### 2022 Plow Truck

#### 1) Chassis Systems

##### a. General

- i) The plow vehicle shall be a single rear axle four-wheel drive heavy duty unit.
- ii) The plow vehicle shall have a maximum wheelbase of 394 cm. (155 inches).
- iii) The plow vehicle shall have a maximum cab to axle distance of 213 cm. (84 inches)
- iv) The overall length of the plow vehicle including plow frame shall be no longer than 630cm (248 inches).
- v) The plow vehicle shall have a maximum wall to wall turning diameter of 21.4 m (70 ft.).
- vi) The plow vehicle shall have extended front frame rails and front PTO effects. If the plow vehicle is rear engine design this requirement is waived.
- vii) The plow vehicle shall have a stationary front grille.
- viii) All disconnects in the power train of the plow vehicle shall be remote controlled with engagement indicators in the cab.

##### b. Engine

- i) The engine shall be a commonly available four stroke liquid cooled diesel of current manufacture
- ii) The engine shall have a minimum continuous horsepower rating of 330 hp and minimum peak torque of 1200 ft. Lbs
- iii) An electrical engine coolant heater of appropriate size shall be installed on the engine. 110v plug to be located near driver side door.
- iv) A replaceable element engine coolant filter shall be installed on the engine.
- v) The plow vehicle shall have an engine fast idle switch installed.

##### c. Fuel System

- i) Provide a minimum 250 litre (55 gallon) capacity fuel tank mounted on the left-hand side of the vehicle.
- ii) A fuel filter/water separator, complete with a transparent bowl, and replaceable element shall be installed in the fuel system between the fuel supply tank and the engine fuel filters.
- iii) Replaceable “spin on “primary and secondary fuel filters shall be installed.
- iv) The filler spout shall be easily accessible and well protected from slush, snow and dust accumulation.

**d. Air Intake System**

- i) The engine shall have a dry type air filtration system with inside/outside air intake system.

**e. Exhaust System**

- i) The exhaust pipe shall be vertically mounted on the right-hand side, With curved tip
- ii) The exhaust system shall be of a size that avoids undue backpressure and shall be located and constructed in such a manner that entrance of exhaust gases into the cab is minimized under all conditions ops operation.
- iii) The exhaust system shall be constructed of high-grade rust resistant materials.

**f. Steering**

- i) The chassis shall be equipped with power-assisted steering with direct mechanical linkage from the steering wheel to the steered axle to allow manual control in the event of power-assist failure.

**g. Suspension**

- i) Both the front and rear springs are to be progressive, with a sufficient weight rating to support the plow vehicle.

**h. Transmission**

- i) The plow vehicle shall have a fully automatic transmission that is approved for this application by the manufacturer. The transmission shall have a minimum of five forward speeds and supplied with synthetic lube.
- ii) The plow vehicle shall be provided with an automatic safety device to ensure that the vehicle engine can only be started in neutral range and the range selector cannot be inadvertently shifted into reverse. The shift control quadrant shall be illuminated.
- iii) The plow vehicle shall have a transmission oil cooler, transmission oil filter and a dash mounted transmission oil temperature gauge and a high temperature warning light or warning system.

**i. Axles**

- i) Front and rear axles shall have adequate capacity to carry the maximum imposed load under all intended operating conditions.
- ii) The rear axle shall have a driver-controlled differential locking mechanism with indicator light on dash.

**j. Brakes**

- (1) The plow vehicle shall have a dual circuit air brake system on all wheels.
- (2) A heated air dryer with moisture ejector (Bendix AD-(or equivalent) shall be installed in the air brake system.
- (3) Glad hand coupling device for connection to towed air brake equipped sweeping unit.

**k. Tires and Wheels**

- i) All tire and wheel assemblies shall have a minimum rating of the maximum axle loading. The tires shall have an aggressive tread designed to provide maximum traction on all types of surfaces, including sand, mud, snow, ice and hard surfaces, wet or dry.
- ii) Front tires 12R22.5 Load Range H XDN2 (Michelin) or equivalent
- iii) Front Rim (Accuride 29039) DISC; 22.5x9.00 Rims, Power Coat Steel, 5- Hand Hole, 10-stud, 285.75mm BC, Hub-Piloted, Flange Nut, with Steel Hubs, Non-Standard Offset, with .5" Think Disc or equivalent
- iv) Rear tire same size and tread and make as front tire
- v) Rear rim (accuride 29169)
- vi) One spare tire and rim of the same size and type as specified for the front axle shall be provided.

**l. Towing**

- i) Complete with 30,000 lbs pintle hook shall be installed on rear cross member
- ii) Heavy duty towing hooks, 2 each front and rear shall be provided, and shall be of sufficient strength for recovery of the fully laden vehicle.

## **2) Body Systems**

**a. Bodywork**

- i) Cab access handles, to be stainless steel, aluminium, or chrome shall be installed at convenient locations to facilitate safe entry and exit from the vehicle.
- ii) Provide mud flaps behind all tires. They shall be installed to prevent them from contacting the tire.

**b. Cab**

- i) Fully insulated, metal cab equipped with maximum capacity fresh air intake heating system and defrosting system, with air intake protected from the ingress of rain, snow, engine or fuel vapours.
- ii) The cab windows, front, side and rear shall be the maximum size and number available so as to provide the best possible visibility for the operator.
- iii) The cab heating and defrosting systems shall be capable of maintaining an interior temperature of 15 degrees C with and outside temperature of minus 30 degrees C.
- iv) Heated windshield to be installed.
- v) AM/FM radio to be installed including aerial antenna.
- vi) A soundproof insulation package shall be fitted to provide the lowest possible interior sound level. Interior sound level shall not exceed 83 decibels when measured in accordance with SAE J336.
- vii) Seating shall be provided for the driver and passenger. The driver's seat shall be a cloth air ride suspension seat. Provide seat belts for both seats.
- viii) The steering column shall be telescoping and have adjustable tilt.
- ix) Sun visors shall be provided for the driver and passenger.
- x) Provide dual mirrors, minimum 15 centimetres (6 inch) x 40-centimetre (16 inch) size that are electrically heated and remotely adjustable from within the cab. Convex mirrors (minimum 15-centimetre (6 inches) size) shall be mounted below these mirrors.
- xi) Provide and air horn. The cab shall have skid resistant flooring that is easy to clean and does not retain moisture or chemicals which may cause corrosion.
- xii) Headache rack installed behind cab mounted to truck frame with cut out to see through the headache rack, Headache rack to be same size as rear of cab.

**c. Electrical**

- i) The plow vehicle shall be equipped with a 12-volt negative ground electrical and starting system.
- ii) The plow truck shall have jump start posts provided easily accessible

- iii) The plow truck vehicle shall be equipped with a battery isolation switch to completely isolate the batteries from the electrical system. The isolation switch must be conveniently positioned for use and able to withstand moisture and other contamination. Located on driver's side.
- iv) A minimum of three (3) 12-volt batteries having a total minimum 2400 CCA shall be provided. Only maintenance free batteries are acceptable.
- v) The plow vehicle shall have an automatic battery charger or maintainer, preferable a solid state unit, installed to keep the batteries fully charged at all times. The charger/maintainer shall be adequately protected from the ingress of water and other contaminants. The plug for this unit must be located in a convenient location.
- vi) A commonly available alternator shall be installed. The alternator minimum output current rating shall be 150 amps. The alternator connections shall be effectively protected from ingress of water and other contaminants.
- vii) A high intensity amber double flash strobe light of at least 20 output joules shall be installed on the cab roof of the plow vehicle. Rotating amber beacons are unacceptable and will be rejected.
- viii) The plow vehicle shall have a minimum of four (4) LED 4x6 inch flood light, or similar, mounted on the front of the vehicle or plow frame. They shall be mounted high enough to provide illumination in front of the vehicle even if the plow is fully raised.
- ix) The plow vehicle shall have an outside ambient air temperature sensor with the display unit or gauge mounted in the cab.
- x) The plow vehicle front windshield shall be equipped with heavy duty 2 speed electrical windshield wipers with intermittent control.
- xi) The cab shall be fitted with interior dome lights capable of providing sufficient illumination for reading.
- xii) Three (3) fused power supply cords shall be provided in the cab for installation of radios.
- xiii) A backup light and audible backup alarm of minimum 97 decibel rating shall be installed so as to activate when the vehicle is in reverse gear.
- xiv) An engine compartment light complete with conveniently located switch shall be provided to assist with the checking of engine fluids.
- xv) All external wiring shall be protected inside loom and well secured to prevent vibration or other damage to wiring harness elements. All wiring harness connections shall be waterproof. Careful attention will be given to workmanship and attention to detail in the plow vehicle offered.

- xvi) All wiring harness conductors shall be colour coded, and/or number coded every six (6) inches of length. Marking and indexing methods shall be permanent in nature. Circuit identification markers shall be attached to each end of a conductor.
- xvii) The wiring shall comply with SAE recommended practice for vehicles and shall include cables and harness coverings that are resistant to high temperatures, flames, oil, and abrasion. All external wiring shall be protected and well secured to prevent vibration or other damage to wiring harness elements. All wiring harness connections shall be waterproof.
- xviii) Trailer wiring installed at rear of truck including electric trailer brake wire.
- xix) All electrical circuits shall adequately be protected from overload with easily accessible circuit breakers.

**d. Instrumentation and Controls**

- i) The minimum number of instruments, warning lights, and controls consistent with the safe and efficient operation of the vehicle and chassis shall be provided. All chassis instruments and warning lights shall be grouped together on a panel in front of the driver. All instruments and controls shall be illuminated.
- ii) The following instruments or warning lights shall be provided in the cab as a minimum:
  - Speedometer/odometer
  - Engine tachometer
  - Engine/vehicle hour meter
  - Engine oil pressure gauge
  - Engine water temperature gauge
  - Transmission oil temperature gauge
  - Brake system air pressure gauge
  - Low air pressure warning lamp or buzzer
  - Voltmeter
  - Fuel level gauge
  - Air filter restriction gauge

**e) Painting**

- i. The chassis frame and undercarriage shall be primed and painted black in colour.
- ii. The plow vehicle shall have a rust proof undercoat

- iii. The plow vehicle body shall be prepared and painted to the highest quality industrial standard using a 2 part polyurethane paint and primer system such as Dupont or Endura. The colour shall be Equipment Yellow.

#### **4) Equipment Package**

##### **a. Plow and Mounting Frame**

- i. The plow shall be a foot reversible snowplow of either Tenco, or equivalent manufacture, complete with carbide cutting edges.
- ii. The plow mounting frame shall be of heavy-duty construction capable of accommodating up to a 19 foot reversible snowplow without failure of components.
- iii. The plow mounting frame shall be a hydraulically operated tilting system that allows the vehicle hood to be tilted forward. The operation of tilting the plow frame forward must be completed by the operator from the inside of the cab without the need to disconnect the plow blade or hydraulic hoses.
- iv. Plow controls in cab to be located in a convenient location for the operator.
- v. The plow vehicle shall be supplied with a hydraulic pump, reservoir, control valve, lines and controls to operate reversible plow and tilting plow frame.
- vi. The plow mounting frame shall be supplied with a quick attach and release system to accommodate single operator operation. Kamloops Airport Ltd. can supply more details if necessary.

##### **b. Vehicle Deck**

- i. Steel ballast installed on frame.
- ii. 10-foot dump box (no sand spreader)
- iii. The rear of the truck shall have appropriate lighting to conform to Canadian Motor Vehicle regulations.

#### **5) Supplementary Requirements**

##### **a. Manuals**

- i. The plow vehicle supplier shall provide the manuals listed below for the plow vehicle delivered in printed and digital formats. The contract will not be considered complete until all manuals noted are received.
- ii. One copy of overall maintenance and repair manuals shall be provided. These manuals shall be current, complete in all respects (no photocopies will be accepted). Maintenance manuals shall detail correct maintenance procedures for all components, and system installations. Maintenance manuals shall include clear assembly drawings of all components, systems and

assemblies. The manuals shall include electrical and hydraulic schematics of the entire plow vehicle.

- iii. One copy of an overall parts manual shall be provided. This manual shall list each individual component manufacturer's part number and provide detailed indexed line drawings of all major plow vehicle assemblies. All drawings shall be clearly illustrated and detailed. The plow vehicle manufacturer's stock number for each component shall be easily cross-referenced with the component manufacturer's part numbers in the manual.
- iv. One copy of the OEM Parts and Maintenance Manuals shall be supplied by the respective manufacturer (OEM) for each of the major components installed on the plow vehicle; i.e. chassis, engine, transmission, transfer case, etc. Note that all OEM documentation shall apply to the plow vehicle on which it is installed. Generic manuals that exclude necessary details of relevant information necessary for repair and maintenance of the plow vehicle are unacceptable and will be rejected.
- v. Install LED back-up lights on Steps
- vi. Install and wire electric brake control in cab
- vii. Install rear fenders
- viii. Install under hood lamp

**b. Spare Parts**

- i. The manufacturer or supplier shall ensure that spare parts required to properly maintain and repair the plow vehicle will be available from his premises in Canada for prompt delivery to the purchaser for a period of at least ten (10) years.
- ii. The provision of all parts shall be treated as urgent (unless otherwise specified) and shall be shipped by the quickest means (including air) so that delivery will be made within 48 hours. A certified statement to this effect by the manufacturer or supplier shall be included in the tender.
- iii. The manufacturer or supplier shall be required to stock an adequate supply of spare parts at his premises in Canada. A list of such spare parts shall be provided with the tender.



**Town of La Ronge**

## Tender Bid Form

**Description:**  
**Procurement of Airport Plow Truck**

From: Jim Burr – Airport Manager

Town of La Ronge  
701 Hildebrand Drive  
Box 5680  
La Ronge, SK S0J 1L0  
Phone: 306-425-6992  
Fax: 306-425-4885  
Email: [airport.manager@laronge.ca](mailto:airport.manager@laronge.ca)

Quantity	Description	Total Price
1	Plow Truck and attachments as per Tender # Airport-Fleet-2022- 02	\$ _____
	Extra Features Total (if applicable)	\$ _____

State Delivery: _____ days. (After Receipt of Order)	Sub-Total	\$ _____
	GST (5%)	\$ _____
	PST (6%)	\$ _____
		\$ _____
	<b>Grand Total</b>	\$ _____

**NOTE: Tenders via Email, Fax or In-person will be accepted.**

**Conditions of the Tender:**

- Delivery time (ARO) must be stated in the space provided.
- Any goods or services found to be defective or fail to meet the specifications herein, by reason of poor material or workmanship will be replaced at NO CHARGE.
- The Town reserves the right to accept or reject all or any part of this Tender.
- The Tender prices shall be open and irrevocable for Thirty (30) calendar days from the Tender closing time and date.
- Unit prices must be extended and totaled accordingly.
- All pricing provided to be quoted in **Canadian Funds** inclusive of all applicable taxes, duties and fees at the time of closing, where applicable.
- The Town reserves the right to give preference to the Bidder whose Tender includes any material, specifications or methods of execution that are deemed by the Town to be superior to those of the lowest bidder.
- Lowest bidder isn't necessarily awarded the Tender.
- The Grand Total shall include all direct and indirect costs to complete this project.

Full Name of Company (please print)

Address

City

Province

Postal Code

Name and Title (please print)

Signature of Authorized Officer

Date: (mm/dd/year)

Phone

Email