TOWN OF ROCKY MOUNTAIN HOUSE

Request for Quotation

One (1) Towed Airport Runway Sweeper

Date Issued: January 23, 2026

Due Date: 2:00p.m. on February 20, 2026

Contact Information:
Jim Lindsay - Airport Manager
Town of Rocky Mountain House
Box 1509
Rocky Mountain House, AB T4T 1B2
Phone: (403) 845-0204
Email: jlindsay@trmh.ca

PART 1 - Terms & Conditions, Instructions to Vendors, Quote Review & Award

1. TERMS AND CONDITIONS

1. All pricing will be quoted in Canadian dollars. Price adjustments due to currency fluctuations, or any other reason, will not be accepted.

2. Pricing quoted will be firm and unchangeable after the time and date of quote closure. Quote will be guaranteed for a period of at least 90 days from the time of submission deadline.

3. All prices quoted shall be exclusive of the Goods and Services Tax (G.S.T.). The successful vendor will be required to show the G.S.T. separately on their invoices. All other taxes, including tire tax if applicable, will be included in the quote price.

4. The Town of Rocky Mountain House is a net 30 Day account and all quotes will be quoted as such. Quotes requiring payment in less than 30 days may be rejected, however, early payment discounts will be considered.

5. Unless otherwise directed, all prices quoted shall be inclusive of all freight and delivery charges. Delivery shall be F.O.B. to the Town of Rocky Mountain House Engineering & Operations Department located at 4607 48 Street, Rocky Mountain House, Alberta.

6. There is no expressed or implied obligation on the part of the Town of Rocky Mountain House to reimburse responding firms for any expenses incurred in the preparation or delivery of the quote documentation or responses.

2. VENDOR QUALIFICATION

1. Quotes will be restricted to only those vendors that can satisfactorily meet the following service and support requirements:
    a. Must have a factory authorized service dealership in central Alberta.

2. The Town will accept quotes on the following makes and models:

    Tenco

    MB

    Others will be considered if they meet qualifications.

3. Quotations for the provision of other makes and/or models will not be considered unless approval is requested in writing (email) at least 10 business days prior to the quotation submission deadline. Approval requests must be directed to Jim Lindsay – Airport Manager for the Town of Rocky Mountain House at jlindsay@trmh.ca.

4. Quotation must include the purchase and delivery with on-site training for operations and maintenance.

5. ACCEPTANCE OF SUBMISSIONS

1. Unless explicitly stated otherwise, submission of a quote indicates acceptance by your firm of the terms and conditions contained in this Request for Quotation (R.F.Q.).

2. The Town reserves the right to withdraw this R.F.Q., at its discretion and at any time. The Town will not be held liable for any expenses, costs, loss or damage incurred or suffered by any vendor as a result of such withdrawal.

3. The Town reserves the right, without prejudice, to reject any or all proposals.

6. CONFIDENTIALITY & RELEASE OF INFORMATION

1. All quotes submitted to the Town become the property of the Town in their entirety. Quotes and the information contained within will be held in confidence as much as is reasonably possible and subject to the disclosure provisions contained in the Freedom of Information and Protection of Privacy (F.O.I.P.) Act.

2. Any information or knowledge gained or obtained by the Vendor as a result of this process will be maintained in confidentiality and will not be sold, distributed or in any way used for profit.

3. Due to the nature of the R.F.Q., details contained within each submission will not be provided or available to vendors prior to award of contract. Release of information will be governed by the provisions contained in the F.O.I.P. Act.

7. CONFLICT OF INTEREST

1. All vendors are required to disclose to the Town any direct or potential conflict of interest in their R.F.Q. submission. The disclosure will detail the nature and degree of the direct or potential conflict. The Town reserves the right to reject a proposal and/or to cancel the award of contract if, in the Town's sole opinion, any interest disclosed from any source could give the appearance of a conflict of interest or cause speculation as to the objectivity of the awarding of the contract.

8. INSTRUCTION TO VENDOR

1. Quotation shall be submitted in a sealed envelope clearly marked as **"Request for Quotation – (One) 1 Towed Airport Runway Sweeper** complete with your firm's name and return address. Envelopes must be clearly marked as to which quotation it is for and directed to the address indicated below.

2. Your quotation will be considered if received before **2:00p.m. (local time), February 20, 2026** at:

   Town of Rocky Mountain House
   Engineering & Operations Department
   4607 48 Street
   Rocky Mountain House, Alberta
   T4T 1C8

3. The timepiece at the location for receiving quotations shall be the only measure for the exact time.

4. A completed copy of 'Part 2- General Specifications' and 'Part 3 – Quote Sheet' shall be submitted with your quotation.

5. In addition, a complete set of brochures should be submitted with your quote. If brochures are not available, factory drawings or a reasonable facsimile will be accepted.

6. The applicant is to provide a list of at least 3 Airports where the specified piece of equipment currently operates (contacts appreciated).

7. Vendors are completely responsible for ensuring that their quotes reach the correct final location prior to the quote submission deadline.

8. Email or fax submissions will **not** be accepted.

9. Prior to the submission deadline, all questions relating to the quote process, technical or operational aspects of the unit shall be directed to:

   Jim Lindsay
   Rocky Mountain House Airport Manager
   Telephone: (403) 845-0204
   Email: jlindsay@trmh.ca

10. Requests for information, clarification, amendments, extensions or any other material change that may affect the content of the submissions or the submission deadline will not be considered by the Town within five (5) days of the submission deadline.

11. Any new information made available prior to the submission deadline will be released to all known vendors.

9. QUOTE REVIEW AND AWARD

1. Quotes will be opened in private immediately following the quote submission deadline. Final results will not be released until a contract has been awarded.

2. All submissions will be evaluated on the following criteria:
   a. Compliance with all vendor qualification and mandatory specification requirements (must meet);
   b. Conformance with all vendor qualification and functional requirements (30%); and,
   c. References experience with the equipment and service centers. (10%)

d. Time of delivery of completed unit (ideally prior to 2026 winter season).

e. Warranty information (10%).

f. Cost (50%).

3. During the evaluation process, any equipment or options exceeding the specified requirements will not be factored, credited, or evaluated more favorably than equipment meeting only the base requirement.

4. A demonstration unit may be requested before the final purchase decision. If one is not available, provide another airport nearby that has one that we could visit.

5. The lowest, or any quote, will not necessarily be accepted.

10. PAYMENT OF INVOICES

1. Failure to provide complete and proper vehicle/equipment literature as requested may result in the delay or withholding of payment.

2. Invoices will not be processed until the unit is received, inspected and approved by the Town.

Rocky Mountain House Airport

2026 Airport Runway Sweeper

Part 2 – General Specifications

MAIN CHARACTERISTICS

- 4.3 m (14 ft) wide
- Brush Diameter: 914 mm (36 in).
- Brush wafers 10 ¾" X 36" HSS
- Operating speed: 48 km/h (30 mph).
- High-capacity fan producing an approximate volume of air of 850m3/min (30,000 cu. ft/min)
- Automatic brush pattern adjustment system.
- Tier 4 engine 227 kW (300 hp).
- tow bar with pivoting front wheel

1. GENERAL DESCRIPTION

1.1. 4.3 m (14 ft) medium duty tow-behind runway sweeper with mechanical brush drive.

1.2. The sweeper must be towed directly behind the towing vehicle; a single axle medium duty truck.

1.3. The runway sweeper must only be operated and lubricated with products, commonly available, intended for the climatic conditions of the region where it is used.

1.4. It is delivered new and completely ready for operation.

1.5. The unit is inspected and fully tested before delivery so that all aspects meet the requirements. It will be delivered with no more than 50 hours on the meter.

2. PERFORMANCE

2.1. The airport sweeper is designed to remove snow, slush, sand, dust, water and light debris.

2.2. It can operate in temperature conditions from -40 °C to +40 °C (-40 °F to +104 °F).

2.3. The sweeper is designed to operate most efficiently on concrete and asphalt surfaces.

2.4. Maximum operating speed is at least 48 km/h (30 mph).

2.5. The sweeper can be used continuously for 24 hours at a speed of 40 km/h (25 mph), at maximum rated power, without breaking any of its components, the brush being set with an adjustment of 10 to 15 cm (4 to 6 inches) of the pattern when conditions allow.

2.6. The brush does not skip or produce shimmy at an optimum operating speed of 40 km/h (25 mph), with the pattern being set to 10 to 15 cm (4 to 6 inches) when conditions allow.

2.7. The brush can operate for at least 24 hours without requiring adjustment or greasing.

2.8. The mean time between failure (MTBF) is over 200 hours.

3. BRUSH

3.1. The brush is 4.19 m (13.75 ft) wide

3.2. The diameter is 914 mm (36 in).

3.3. The central tube in the brush is 273 m (10.75 in) in diameter and is balanced.

3.4. The standard brush consists of 96 steel wire brush rings and 95 spacers. It is fully assembled on delivery.

3.5. The brush rotates at, minimum, 540 rpm at full-engine power (2200 rpm).

3.6. The brush can be oriented at any angle between 28 degrees ±2 degrees to the right to 28 degrees ±2 degrees to the left in relation to the transverse axis and remain centered behind tow vehicle.

3.7. The clearance between the brush and the ground is at least 10 cm (4 inches) when the brush has new rings.

3.8. The brush has a mechanism for adjusting the sweep area (pattern) with a locking device. The adjustment mechanism is part of the control system.

3.9. The sweep area (pattern) adjustment mechanism has an adjustment range of 25 to 228 mm (1 to 9 inches) whatever the amount of wear on the brush.

4. BRUSH SUPPORT MECHANISM

4.1. The brush support rests on two fully pivoting wheels (360 degrees of rotation).

4.2. The wheels are equipped with a device to prevent shimmy at speeds up to 50 km/h (31 mph).

4.3. The brush has an upper sheet metal cover designed to reduce snow build-up.

4.4. The support is designed to support the weight of the brush with a full complement of steel wire rings plus the weight of the maximum amount of snow that can build up on the cover.

4.5. The cover will incorporate a vibration device to loosen and shed built up snow and ice.

5. BRUSH DRIVE MECHANISM

5.1. The brush is driven mechanically by a chain which makes the brush rotate uniformly.

5.2. The chain drive is fitted with a chain tensioner.

5.3. The central tube of the brush rotates in a roller guide bearing installed in a housing at each end. This ensures sufficient lubrication and protects the bearings from moisture and dust. The bearings are easy to replace and equipped with an accessible grease fitting.

5.4. Bearings can accept misalignment of at least 2 degrees.

5.5. The chain housing has easy-to-remove inspection covers for ease of access to all drive components.

6. BLOWER

6.1. The sweeper is equipped with a mechanically driven blower for removing any residue left behind by the brush. The blower must be protected by an air deflector installed on its inlet.

6.2. Powerful blower with high-capacity airflow of approximately 850 m3/min (30,000 cu.ft/min). Airflow can be adjusted from the control panel.

6.3. The air speed at the outlet of the nozzle is approximately 480 km/h (300 mph).

6.4. The nozzle(s) pivot automatically so that the active nozzle is aligned with the front of the brush.

6.5. The nozzle(s) have a hydraulic directional reversing mechanism so that they can be used to clean runway lights.

6.6. The nozzle(s) can be lowered to 76 mm (3 inches) above the runway surface.

6.7. The nozzle(s) lift up automatically to 150 mm (6 inches) above the ground when the brush is in the transfer position.

6.8. The blower drive mechanism is protected by a housing.

6.9. If the sweeper emergency stop is activated, the blower's drive mechanism is disengaged so that the blower can slow down safely.

7. ENGINE

7.1. Diesel Engine at least Tier 4 Final, 225 kW (300 hp) @ 2200 rpm, turbocharged and cooled.

7.2. Number of cylinders: 6.

7.3. Alternator: 200 amps.

7.4. The cooling system is equipped with an Air-to-Air system complete with fan.

7.5. The radiator coolant and anti-freeze are of a higher grade for intensive, long duration operation. Its life is 5 years or 3000 hours, whichever comes first.

7.6. Max. engine torque: 1274 Nm (940 ft.lb) @ 1400 rpm.

7.7. The maximum authorized speed of the engine must not exceed 2200 rpm. A maximum operating speed of 2000 rpm is desirable.

7.8. Two stage dry air filter with clogging indicator (easy to access).

7.9. Options: Racor heated diesel filter water separator.

7.10. Hoses are made of silicone and connected with hose clamps.

7.11. Urea anti-pollution system with 32 litre (8 gallon) tank.

7.12. The diesel exhaust fluid tank is equipped with a fluid heating system using the engine coolant.

7.13. Engine protection system with automatic shutdown triggered in the following situations: low engine oil pressure, overheated engine coolant, low coolant level, low hydraulic fluid level and overheated hydraulic fluid.

7.14. Protection when the engine is idling at temperatures below -25 °C to automatically spin the engine up to 1200 rpm when required.

7.15. The engine of the sweeper is designed to be used for extended working periods in temperatures ranging from +43 °C (109 °F) to -40 °C (-40 °F).

7.16. Winter start assistance:

7.16.1. 1500 W engine heater in the engine coolant. Includes removable 4.6 m (15 ft) power cable and plug.

7.16.2. Glow plugs.

7.16.3. Diesel exhaust fluid tank heated with a heating cover.

7.16.4. 110 V battery heater with 4.6 m (15 ft) power cable and plug.

7.16.5 Hydraulic tank heater

8. ELECTRICAL SYSTEM

8.1. 12-volt electrical system.

8.2. 12-volt starter.

8.3. Three (3) Series 1110 or 1200 maintenance-free batteries delivering a cold start current of 1500 amps.

8.4. 200-amp alternator.

8.5. Central electrical system connector with water resistant cover (“Mag Plug”).

8.6. The electrical panel is weatherproof and installed under the cowling. It can be reached from an access door on the side. It has push buttons to activate and deactivate certain basic sweeper functions without having to use the central control panel, to facilitate maintenance operations. It can be used as a back-up control panel if the touchscreen on the remote control panel fails.

8.7. One (1) high intensity LED amber flashing light on the highest part of the sweeper.

8.8. Two (2) LED floodlights to light the brush and its drive mechanism.

8.9. OPTION: Four (4) LED floodlights to light the brush and its drive mechanism.

8.10. Sweeper lighting system consisting of high intensity oval lights, tri-intensity lights and position lights on the rear of the sweeper. These are all LED lights, sealed unit construction and vibration resistant.

8.11. All wiring is protected by sheathing and is installed where it is protected against the elements. It is fixed securely to the frame with multiple fasteners.

8.12. All cables outside the machine are designed with moulded plugs.

8.13. Equipped with battery terminals to facilitate remote battery boost.

8.14. Intelligent battery charger.

9. HYDRAULIC SYSTEM

9.1. The hydraulic system has a hydraulic pump mechanically driven directly by the diesel engine.

9.2. The hydraulic fluid tank has a capacity of 45 litres (11.9 USG) and has a vent, level indicator and electrical low-level sensor.

9.3. The hydraulic fluid is designed to operate at temperatures down to -40 °C (-40 °F).

9.4. An electric pump raises the brush if the hydraulic pump fails.

9.5. The hydraulic system controls the direction and lifting of the brush and air nozzles.

9.6. All electrically operated valves, controls and components of the hydraulic system are of ultra-robust industrial type, protected against ingress of water, dirt, moisture, etc., and designed for their intended use.

9.7. All hydraulic fluid pipes are secured to the frame and installed to prevent damage.

10. AXLE

10.1. The axle is ultra-robust with a capacity of 5443 kg (12,000 lbs) or 110% of the maximum authorized weight.

10.2. Electric brakes installed on the two wheels of the sweeper.

11. REMOTE CONTROL PANEL

11.1. Colour touchscreen remote control panel that can be used in the cab of the towing vehicle.

11.2. Control joystick for rotating and lifting the brush and directing the air nozzles. Easy to use while wearing work gloves.

11.3. The control panel consists of: rev counter, throttle, engine emergency stop, control for lifting and directing brush and air nozzles, engaging and disengaging turbine and brush clutch, light control, engine hours meter, brush position indicator, brush rotational speed indicator, operating mode, battery voltage and alarms.

11.4. The control panel cable has a multi-pin connector on each end. One of the connectors is located near the control panel and the other is 1.5 m (5 feet) from the towing eye or fifth wheel coupling.

11.5. The cable is 7.6 m (25 feet) long and is designed for its intended use. It is weatherproof and UV resistant.

11.6. The touchscreen can be used with the electrical panel at the rear of the unit to access all sweeper functions during maintenance operations.

11.7. A weatherproof enclosure is supplied for storing the control panel when not in use.

11.8. OPTION: Wi-Fi wireless control system which eliminates the cable between the sweeper and tow truck.

12. INSTRUCTIONS

12.1. Instructions, diagrams and warnings or ISO symbols must be displayed in relevant locations for effective and safe use and maintenance of the sweeper.

12.2. All instruction and warning labels on the machine are in French and English.

13. MANUALS

13.1. Each sweeper is delivered with a copy of the operating manual and maintenance manuals for the entire machine in electronic format on a USB stick. The maintenance manual includes the assembly drawings for all components as well as their installation procedures.

13.2. An electronic copy of the parts catalogue is included with the part number, address and telephone number of the manufacturer of each assembly.

14. TRAINING

14.1. On request, training in English is provided by a qualified technician to cover operating principles and preventive maintenance procedures at the client's premises.

15. WARRANTY

15.1. Covered by a 12-month warranty on all components from date of commissioning of the sweeper.

15.2. Supplier will name "Local" repair dealer authorized to perform warranty work on behalf of the manufacturer.

15.3. Warranty Claims: If the requested repairs have not been started within 48 hours of the request, the buyer reserves the right to perform the repairs and invoice the supplier for parts and time not exceeding the standard time allocated for the repair and their hourly labour rate.

16. OTHER AVAILABLE OPTIONS (Quote Prices as extras)

16.1. Shaker to eliminate build-up of snow on the cover of the brush.

16.2. Directable snow deflector on the cover of the brush.

16.3. Spare wheel for the tow bar.

16.4. Spare wheel for the brush.

16.5. Spare wheel for the axle.

16.6. Spare Broom core with wafers and spacers installed

16.7 Spare Broom Core storage stands on castors

Bid compliance:

Item	Y/N	Alternative, if not Compliant
1. General Description		
2. Performance		
3. Brush		
4. Brush Support		
5. Brush Drive		
6. Blower		
7. Engine		
8. Electrical		
9. Hydraulics		
10. Axle		
11. Remote Control		
12. Instructions		
13. Manuals		
14. Training		
15. Warranty		

Supplier Bid price (CDN Dollars) including shipping to site (Before GST) $_____

Optional Items	Price (CDN Dollars)
1. Hood Shaker	
2. Snow Deflector	
3. Tow Bar Spare wheel/Tire	
4. Brush Spare wheel/tire	
5. Main Axle Spare Wheel/Tire	
6. Spare Broom Core with Wafers/Spacers	
7. Spare Broom Core Stands on Castors	

PART 3 - Quote Sheet

1. Year/Make/Model:	
2. Total Quote Price: (all components, supplied and delivered including tire tax excluding G.S.T.)	
3. Time required to deliver the complete unit after Receipt of Order:	
4. Terms of Payment	
5. Nearest Authorized Service/Parts Warranty Location:	
6. Warranty:	

Unsigned Quotations will not be accepted!

DATE:	
FIRM:	
ADDRESS	
CONTACT:	
PHONE:	
FAX:	
EMAIL:	
SIGNATURE:	