

**THE CHARLO REGIONAL AIRPORT AUTHORITY  
TENDER  
FOR THE SUPPLY OF (1) LOADER AND ATTACHMENTS**



*The Charlo Regional Airport Authority Loader and Attachments Tender has been made possible through a financial assistance contribution from The Government of Canada under the Airports Capital Assistance Program (ACAP)*

**1. Scope of Work**

The Charlo Regional Airport Authority (referred to as "CRAA ") will accept tenders for the supply of one (1) new Loader and Attachments as per the specifications contained herein.

**To receive consideration, tenders must be submitted on the tender forms supplied and, in an envelope, plainly marked "Airport Loader and Attachments."**

The lowest or any tender not necessarily accepted.

**2. Delivery and Opening of Tenders**

Tenders (3 copies) sealed in one envelope, plainly marked "Airport Tender Loader and Attachments", will be received by: The Charlo Regional Airport Authority's CEO, Stephanie Clark.

Charlo Regional Airport  
291 Morris Street, Unit 101,  
Charlo, New Brunswick E8E 2N1

That is, until 11:00 a.m. and no later than 11:00 a.m., local time, as shown on the official bid receiving clock, on Thursday, December 20th.

A public tender opening will take place at 11:30 a.m., on Thursday, December 20th in the Airport boardroom located on the main level of the Airport Terminal Building at 291, Morris Street.

This tender shall remain open for acceptance for a period of 14 days.

**3. Disqualification of Tenders**

Under no circumstances will tenders be considered which:

- a. are received after 11:00 a.m. on the advertised closing date for tenders.

**4. Withdrawal or Qualifying of Tenders**

A tenderer who has already submitted a tender may submit a further tender at any time up to the Official closing time. The last tender received shall supersede and invalidate all tenders previously submitted by the tenderer for this tender.

## **5. Informal or Unbalanced Tenders**

Tenders which are incomplete, conditional, illegible, or obscure, or that contain additions not called for, reservations, erasures, alternations or irregularities of any kind may be rejected as informal.

Tenders that contain prices which appear to be so unbalanced as likely to affect adversely the interests of the CRAA may be rejected.

Wherever in a tender the amount tendered for an item does not agree with the extension of the estimated quantity and the tendered unit price, the unit price shall govern and the amount and the Total Tender Price shall be corrected accordingly.

The CRAA reserves the right to waive formalities at its discretion.

Tenderers who have submitted tenders that have been rejected by the CRAA because of informalities will normally be notified of the reasons for the rejection within ten (10) days after the closing date of tenders.

## **6. Tender**

Each tender shall include a completed Form of Tender as required herein. The complete written tender documents must be submitted as a tender and the Form of Tender must not be separated nor removed from the other documents therewith. The tenderer shall give the total tender price in figures and shall fill in all blank spaces for unit prices, item prices, lump sums, time for completion and other information in the Form of Tender.

## **7. Acceptance or Rejection of Tenders**

The Charlo Regional Airport Authority reserves the right to reject any or all tenders in the best interest of the Airport Authority. The lowest or any tender will not necessarily be accepted.

## **8. Material**

All material provided is to be new and conform to the specifications herein.

## **9. Terms of Payment**

Upon receipt and acceptance payment will be made within 60 days of receipt of the invoice.

## **10. Pricing**

All bids must be in Canadian funds FOB Charlo Airport taxes shown as extra.

## **11. Evaluation**

The following factors will be taken into consideration in the evaluation of the Tender:

- a. Specifications
- b. Delivery Date
- c. Proven Ability to provide support, maintenance and parts.
- d. Green or Environment Friendly technology – Bidders are to list all options available with descriptive literature and pricing (use a separate sheet if necessary)

**12. Funding**

Any contract issued as a result of this tender is conditional upon the availability of funds as dictated in the 2018-2019 Government of Canada Airport Capital Assistance Program (ACAP).

**13. Delivery**

**The submission MUST include earliest date for delivery. Incomplete tenders may be disqualified.**

**14. Equivalent Substitute**

Products equivalent in form, fit, function and quality will be considered only if the Bidder: (1) designates the trade reference of the substitutes and the name of the manufacturer, (2) strikes out the trade reference specified and the words "or equal", and (3) provides complete specifications and descriptive literature for the substitutes. The Bidder warrants that proposed equivalent substitutes will be fully interchangeable with the trade reference specified.

**15. Omission**

The Charlo Regional Airport Authority reserves the right in its sole discretion to accept or reject all or part of any bid which is non-compliant with the requirements of this invitation.

**16. Influence**

No person, company, corporation or organization shall attempt in any way, either in private or in public, to influence the outcome of any Charlo Regional Airport Authority purchasing or disposal process.

The bid, quotation or proposal of any person, company, corporation or organization that does attempt to influence the outcome of any purchasing or disposal process will be disqualified, and the person, company, corporation or organization may be subjected to exclusion.

**17. Contact**

Until this Tender has been awarded, all contact regarding this Tender must be communicated directly through the Airport’s Chief Executive Officer only. Please do not contact other staff. If you have any questions or comments, please do not hesitate to send an email to [sclark@charloairport.ca](mailto:sclark@charloairport.ca)

**18. Authorization**

Name of Firm: \_\_\_\_\_

Address: \_\_\_\_\_

Name of Individual: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

Telephone and Fax: \_\_\_\_\_

Date: \_\_\_\_\_

## GENERAL

1. The specifications contained herein describe in detail the above referred to requirements in specific detail, even to the extent that a specific project, brand or make or manufacturer may be stated.
2. The purpose of this specification is to establish a minimum acceptable quality standard of equipment, product, function or design and bidders must respond accordingly and bid on products or equipment that meet or exceed the minimum specification.
3. The name of the manufacturer, trade name or catalogue number mentioned in this tender is for the sole purpose of designating a minimum standard of quality and type and for no other reason. Such references are not intended to be restrictive. Bids will be considered for any brand or construction, which meets or exceeds the quality of the specifications listed in the respective items.
4. Some variations from this specification may be accepted provided these variations are, of a minor nature and will not adversely affect the performance of the equipment. Any variation to the specifications listed below must be stated in writing and shall be reviewed by the Airport to determine their acceptability. The acceptability and determination of compliance to the specifications herein shall be the sole decision of the Charlo Regional Airport Authority.
5. Where these specifications list only the major significant details of the unit(s) or equipment required, it is the bidders/suppliers responsibility to provide a unit or the equipment fully equipped for its intended use, with compatible components to provide dependable and efficient service and performance.
6. Where minimum or maximum requirements are specified within the various sections of the specifications, the item(s) offered must be within these limits and, unless what is offered meets the intent of the item(s) in the specifications, in the sole judgment of the CRAA, the bid will be rejected as non-compliant.
7. In the event the bidder's response to the item(s) specified is not clear as to compliance with the specifications, or is unanswered or unspecified, CRAA may request clarification from the bidder, and such clarification is to be confirmed in writing. Changes that affect the intent of the specifications or the price(s) bid will not be acceptable.
8. All equipment offered shall be new and a current standard production unit, excepting as modified by the CRAA specifications.
9. Equipment shall be of proven performance. Satisfactory evidence may be requested that the equipment has been satisfactorily operated for not less than one year or one or more seasons as appropriate in an environment in other airports or locations with a similar environment to the Charlo Regional Airport and under comparable operating conditions. Prototype equipment or units, demonstrators or discontinued models will not be considered or accepted.

	<b>Name of Airport or location</b>	<b>Contact Name</b>	<b>Length of Time in Service For</b>	<b>Specify Model</b>	<b>Phone # (direct line)</b>
<b>1</b>					
<b>2</b>					
<b>3</b>					

10. If requested, bidders or potential bidders must be prepared to supply and demonstrate the equipment proposed or offered on short notice.
11. The Airport reserves the right to reject any Tender that offers equipment or products that are not available for demonstration within a reasonable period i.e. five working days, or that have not been demonstrated to the satisfaction of the Airport.
12. The Airport will not be responsible for or assume any costs of equipment or product demonstrations or liabilities resulting there from.
13. CRAA may not necessarily award this tender to the lowest responsive bidder. In order to achieve this award, the following criteria may be utilized by the Charlo Regional Airport Authority to evaluate all tenders submitted.

If requested, bidders shall arrange for a demonstration of the product offered within five (5) days of request, at no cost to the Airport.

It is understood the unit offered for evaluation may not exactly match the requirements detailed herein, however, the unit shipped must meet all specification requirements. The unit offered for demonstration shall be delivered to a site designated by the Airport and be available for at least five (5) working days for evaluation. The Airport shall not be liable for any damage or loss to the equipment occurring during the evaluation period except for those items, which are under the care, custody or control of the CRAA.

If requested, bidders shall submit copies of the operator, maintenance and parts manual(s) for the equipment offered for evaluation, within five (5) working days of request, at no cost to the Airport.

**Stephanie Clark**  
 Chief Executive Officer  
 506-684-5507 ext 3  
[sclark@charloairport.ca](mailto:sclark@charloairport.ca)

<u><b>Price Table</b></u>	
<b>Total Airport Loader and Attachments Price before taxes delivered to Charlo Regional Airport</b>	
<b>HST</b>	
<b>Total Price</b>	
<u><b>Price Breakdown</b></u>	
<b>Airport Loader</b>	
<b>Standard pallet forks complete with attachment for quick connect system</b>	
<b>6 cu. Yd. Snow Bucket complete with attachment for quick connect system</b>	
<b>15 foot Snow Pusher Blade complete with attachment for quick connect system</b>	
<b>One set of blank hooks for the quick disconnect</b>	
<b>Automatic Greasing System</b>	

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial
	YES	NO	IF NO, INDICATE ALTERNATIVE
<b>ACCEPTABLE MAKE and MODELS</b>			
Specify the make and model of the unit being tendered.			<b>Make:</b> <b>Model:</b>
<b>GENERAL SPECIFICATIONS</b>			
Standard Requirements  The unit(s) supplied under this specification shall be new and be the manufacturer's latest model standard commercial product and shall have demonstrated industry acceptance by having been manufactured, and sold in significant numbers to the commercial trade and shall have been proven in service for the application specified, for at least 3 years prior to the tender.			
Engine net power shall be a minimum of 180 horsepower.			
Shall be equipped with a quick connect bucket with a minimum capacity of 3.5 cubic yards.			
The machine wheel base shall be a minimum of 119 inches.			
The height to the top of the cab shall be a maximum of 12 feet.			
The machine ground clearance shall be a minimum of 14 inches.			
The machine width over the tires shall not be less than 100 inches for side stability when equipped with 20.5R25 L2 Snow Grip Radial tires as a minimum.			
The basic operating weight shall be a minimum of 35,000 lbs. The weight shall include lubricants, coolant, full fuel tank, loader bucket with bolt-on cutting edge, ROPS Cab and 20.5R25 L2 Snow Grip Radial tires as a minimum			
The machine offered must have a dealer located within 100km that offers full service and parts			<b>Name:</b> <b>Address:</b>

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>GENERAL SPECIFICATIONS (cont.)</b>			
The machine quoted must be new and include all features standard for the model and year that are not stated in this specification.			
The machine is to be equipped with front and rear fenders			
The unit is to be equipped with rear counter weights.			
<b>DELIVERY</b>			
Quoted price must include FOB to the Charlo Regional Airport.			
<b>ENGINE</b>			
Engine shall meet or exceed current Tier III exhaust emission level standards			
Engine shall be of a rebuildable design			
Engine shall have a minimum net horsepower of 180 HP.			
Engine shall be fully equipped six cylinder, four stroke diesel.			
Engine shall be turbocharged and air to air after-cooled.			
To be equipped with a 24 volt electric system for starting and operating with a minimum 80 amp alternator. A 12 Volt adapter shall be installed to allow for the installation of radios and beacon lights.			
An electric master disconnect switch to be standard.			
The air cleaner shall be a dual element dry type with a service indicator.			
Engine air filters shall be removable without the use of tools.			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>ENGINE (cont.)</b>			
To be supplied with extended life coolant/antifreeze with a minimum protection to - 40°F. Coolant must meet or exceed Engine Manufacturers Specifications.			
Reverse flow cooling system which draws air in from the back of the machine and exhaust's out the sides and top of the engine enclosure			
To be equipped with an engine coolant heater powered by 110 volt external electric power source			
500-hour engine oil change intervals			
Two (2) heavy-duty maintenance free batteries to be supplied <b>State CCA rating:</b>			
Crankcase guard to be supplied on the loader			
<b>TRANSMISSION / POWERTRAIN</b>			
Shall be an automatic transmission of the counter shaft power shift design with torque convertor drive or be of the hydrostatic design.			
Transmission shall provide for four forward speeds and three reverse speeds, minimum.			
Transmission shall offer manual shifting for first, second, third and fourth gears.			
The operator shall be able to select the highest gear to which the transmission will automatically shift.			



**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>TRANSMISSION / POWERTRAIN cont'd</b>			
The machine is to be capable of achieving a fourth gear forward speed at 22 mph (35 km hr.) minimum.			
Forward / Reverse to be controlled Electronically			
Transmission shall provide a transmission neutral mode			
The final drives shall be of a planetary design			
Traction control for front and rear axles to be provided			
Total rear oscillating angle of 24° minimum			
Transmission guard to be supplied on the machine			
<b>BRAKES</b>			
Shall have hydraulic wet disc type brakes			
Brakes shall be oil cooled			
Brakes shall be protected from water, mud and dust			
To have independent systems for front and rear that provides effective braking in the event of a partial system malfunction			
Brakes shall meet current regulations for MSHA and OSHA including primary, secondary and parking brake requirements			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>HYDRAULIC SYSTEM</b>			
The hydraulic system shall be fully filtered and completely sealed			
The pump(s) are to be of sufficient size and design that optimize available machine HP			
Pilot operated controls for the lift, tilt and auxiliary hydraulics with detents			
Load sensing steering using only the power required, providing smooth steering movements and operating safety			
Hydraulic relief valve setting of 2,990 PSI Minimum			
Combined flow of 50.0 GPM (189 lpm) minimum. Flow and pressure must be capable of operating additional attachments such as a snow blower or broom.			
Steering hydraulic system shall be independent of the implement hydraulics			
The loader shall have automatic bucket positioner and lift kick-out that is adjustable			
Hydraulic pressure taps shall be provided for checking pressure in the hydraulic implement and steering positions			
1,000 hour hydraulic oil service interval			
System must be compatible with common type hydraulic fluids			
<b>CAB / OPERATING WORKSTATION</b>			
Integral ROPS and Sound Suppressed Cab that meets both current OSHA and MSHA standards for operator sound			
Cab shall include a heater, defroster and air conditioner			
Safety glass windows			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>CAB / OPERATING WORKSTATION</b>			
Side windows that fully open and secure			
Sun visor to be included			
Machine shall be equipped with a multi-level warning system which shall signal machine and component malfunctions			
Single lever joystick control of the implements			
Direction changes shall be actuated by a single control lever mounted at the steering column			
Full instrumentation including hour meter			
Steering wheel, and transmission controls shall be adjustable as a single unit (tilt steering)			
Cloth covered air-ride seat that is adjustable fore and aft, has lumbar support and adjustable armrests			
Shall have operator seat belts			
The cab shall have electric windshield wipers and washers at front and rear. Minimum of front wiper intermittent capable			
Cab shall have internally and externally mounted rear view mirrors			
Cab shall have an interior dome light			
Audible warning system that sounds when the transmission is engaged and the parking brake is applied			
Cab shall have four front and two rear working lights, and two rear stop and tail lights			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>CAB / OPERATING WORKSTATION (cont.)</b>			
Machine shall be equipped with directional signal lights			
Provide roof mounted amber light, Whelen RB6PAPS Rotating Beacon. Or Dominion Auto Strobe light number 420700-02. Or other manufactures equivalent. The light flashing frequency shall be between 60 and 90 per minute. (Dash-mounted switch)			
Machine to be equipped with a back-up alarm			
Machine shall have floor mounted pedals for greater operator comfort			
Machine to have rubber floor mats			
Machine shall be equipped with automatic ride control that can be operated in the on, off or automatic mode			
Machine to be equipped with a horn			
<b>LOADER LINKAGE / BUCKET</b>			
Loader lift arms shall be constructed of one solid plate to provide good strength and visibility			
Dual, double acting lift cylinders			
Dual or single bucket tilt cylinders, double acting			
Cylinders shall have chrome plated rods			
To be equipped with Craig hydraulic quick coupler. Supplier to verify and confirm compatibility with existing attachments onsite and in use at airport.			<b>Compatibiity confirmed? (Y/N)</b>
The bucket capacity shall be 3.5 cubic yards minimum			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>LOADER LINKAGE / BUCKET (cont.)</b>			
The bucket shall have a pre-drilled edge for bolt-on cutting edges and shall have an integral spill plate			
The loader bucket shall be a minimum of 106"(2.69 m.) wide			
The loader bucket shall be equipped with heavy duty lifting eyes			
<b>PERFORMANCE</b>			
Minimum SAE breakout force of 28,000 pounds force <b>State Actual:</b>			
Minimum SAE straight tipping load of 22,000 pounds <b>State Actual:</b>			
Minimum SAE full turn 40° tipping load of 20,500 pounds <b>State Actual:</b>			
<b>REFILL CAPACITY</b>			
Minimum Fuel Tank capacity of 45 gallons <b>State Actual:</b>			
Minimum Hydraulic Tank capacity of 20 gallons; must be of sufficient size to supply hydraulic pumps and all circuits <b>State Actual:</b>			
<b>TIRES</b>			
20.5 R25 L2 Michelin X Snowplus M&S Radial Loader tire or equivalent. <b>State tires on quoted unit:</b>			
<b>MISCELLANEOUS</b>			
Supply all pertinent parts, service and operating manuals (hard copy and electronic)			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>MISCELLANEOUS (cont.)</b>			
If available provide operator training video.			
State factory warranties (timeline, parts covered, etc.)			
Specify the dealer responsible for performing any required warranty repairs, and provide the name and phone number of the person to be contacted should warranty repairs be required.			<b>Dealer:</b> <b>Contact:</b> <b>Phone:</b>
If dealer requested warranty repairs have not commenced within 24-hour period, the consignee reserves the right to complete repairs and bill the loader supplier/manufacturer for the repair parts and labour in accordance with the dealer's standard repair time and rate. If the equipment is out of service for greater than 48 hours, a replacement vehicle , at our discretion, will be supplied at the dealer's cost.			
Hydraulic and electrical schematics shall be supplied.			
Machine to be painted factory yellow or orange CGSB-1-GP-88 shade 501-101 standard paint 1-GP-12 , or manufacturers closest equivalent.			
Training of operators and mechanics to be provided by the successful bidder upon delivery. One full day for each group is required.			
<b>ADDITIONAL EQUIPMENT</b>			
Standard pallet forks complete with attachment for quick connect system.			
One set of blank hooks for the quick disconnect.			
6 cu. yd. Snow Bucket complete with attachment for quick connect system.			
15 foot Snow Pusher complete with attachment for quick connect system.			

**LOADER AND ATTACHMENTS  
SPECIFICATIONS**

DESCRIPTION	CONFORM		Initial IF NO,
	YES	NO	INDICATE ALTERNATIVE
<b>AUTOMATIC GREASING SYSTEM</b>			
The machine is to be supplied with GROENVELD CPL Automatic Greasing System or equivalent, onboard type			
Shall be connected to all lube points except for driveshafts and other similar rotating parts			
Reservoir and pump assemblies are to be mounted in a convenient location to refill and be protected from the elements			
<b>MOBILE RADIO EQUIPMENT</b>			
Vehicle shall be equipped with one (1) mobile radio meeting the following specifications: Model ICOM 1C- A110			
Minimum two (2) frequency capabilities Programmed to: 122.20000 MHZ transmit, 122.20000 MHZ receive 122.60000 MHZ transmit, 122.60000 MHZ receive			
Vehicle shall be equipped with a second mobile radio meeting the following specifications:			
Minimum two (2) frequency capabilities Programmed to: 418.21250 MHz transmit, 413.21250 MHz receive 413.53750 MHz transmit, 413.53750 MHz receive			
Both radios to have channel busy light			
Both radios Input voltage; DC, negative ground			
Both radios to be supplied with mounting hardware and high gain antenna			
Transmitters shall meet E1A-152 Band, D.O.C. RSS-119 specifications			
Both radios to have external speaker compatibility			
Servicing must be available in the Charlo Regional Airport's Region (within 150km)			
Radio Operator's manual to be included for both radios			