



**FREDERICTON INTERNATIONAL AIRPORT
AUTHORITY INC.**

REQUEST FOR PROPOSAL, RFP

Front End Loader

2022

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FREDERICTON INTERNATIONAL AIRPORT AUTHORITY INC.

REQUEST FOR PROPOSAL, RFP

Front End Loader

The Fredericton International Airport Authority Inc. requests proposals for the supply of one (1) diesel-powered Front-End Loader as per the attached specifications.

Proposals are to be received by e-mail nasona@yfcfredericton.ca or delivered by 3:00 p.m. on Wednesday December 7, 2022, in a sealed envelope marked “**RFP- LOADER**” and delivered to:

Fredericton International Airport Authority Inc.
2570 Route 102 Hwy, Unit 22
2nd floor Air Terminal Building
Fredericton International Airport
Lincoln, N.B
E3B 9G1

Attn: Alvin Nason, Director of Operations

Opening of the RFPs will be via private opening. The lowest or any proposal not necessarily accepted.

Proposal evaluation will include:

- Adherence to specifications
- Availability of parts and service
- Delivery schedule
- Price

Further information may be obtained through:

Alvin Nason
Director of Operations
Fredericton International Airport Authority Inc.
nasona@yfcfredericton.ca

Fredericton International Airport Authority Inc.

Specifications

Front End Loader

1.0 SCOPE

Supply one new Front-End Loader with a minimum of 180 h.p. Turbo Diesel Engine. The Loader will come with a standard construction bucket, as well as a quick attach hitch system, capable of attaching hydraulically operated attachments. Also included with the loader will be a snow bucket, set of pallet forks and a box blade. The loader will be painted Orange and have specific brand and type tires.

This specification covers a New Front End Loader with the following:

- Quick Hitch Assembly
- A General Construction Bucket - with bolt on cutting edges 3.5 cyd
- Third Spool Aux Hydraulic connection for attachments
- Michelin X Snoplus M+S LT2 Tires
- One 12 foot Box Blade - with bolt on cutting edges
- One Snow Bucket 6.0 cyd - with bolt on cutting edges
- One set 60 inch Pallet forks

2.0 GENERAL REQUIREMENTS

2.1 Standard Requirement

The vehicle supplied under this specification shall 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 1 year prior to the request for the proposal; or in the case of a recently introduced item, the manufacturer shall submit sufficient valid operational and test data to demonstrate the acceptability of the vehicle.

2.2 General Administration Requirements

Manuals: Technical manuals will consist of operator, service, and parts manuals. All manuals are required to be provided in hardcopy and in digital format as required by the Owner.

Technical Manuals: The overall format for the manuals will be commercial. Each technical manual will have a title page. Line art will be used to the maximum extent possible for illustrations and parts lists. One complete set of engine and transmission parts, service and operator's manual will be packed with the vehicle.

Operator's Manual: The operator's manual will include all information required for the safe and efficient operation of the vehicle, including any special attachments or auxiliary support equipment.

Service manual: The service manual will identify all special tools and test equipment required to perform servicing, inspection, and testing. The manual will cover troubleshooting and maintenance as well as minor and major repair procedures. The text will contain performance specifications, tolerances, fluid type and capacities; current, voltage, and resistance data; test procedures; and illustrations and exploded views as may be required to permit proper maintenance by qualified vehicle mechanics. The manual will contain an alphabetical subject index as well as a table of contents. The service manual will contain at least the following, where applicable:

- Hydraulic schematic
- Pneumatic schematic
- Electrical schematic
- Fuel schematic
- Lubrication locations, procedures, and intervals for parts of the vehicle and equipment that require lubrication.

Parts identification manual: The parts manual will include illustrations or exploded views (as needed) to identify properly all parts, assemblies, subassemblies, and special equipment. All components of assemblies shown in illustrations or exploded views will be identified by reference numbers that correspond to the reference numbers in the parts lists. All purchased parts will be cross-referenced with the original equipment manufacturer's (OEM) name and part number. The parts identification manual will provide the description and quantity of each item used. The size, thread dimensions, torque specifications, and special characteristics will be provided for all nonstandard nuts, bolts, screws, washers, grease fittings, and similar items. The manual will contain a numerical index. The parts manual will contain a list of all the component vendor names, addresses, and telephone numbers referenced in the parts list.

2.3 Painting, plating, and corrosion control:

Finish: Exterior surfaces of the Loader will be prepared, primed, and painted Dupont Imron or equivalent.

Paint Spec

Orange

CGSB1-GP-88

Shade 508-101

Standard Paint Color: 1-GP-12

The wheel rims shall be painted the same as the Loader (Job Color). Attachments i.e.: buckets, blade, forks will be job color.

3.0 CHASSIS AND VEHICLE COMPONENTS

Engine: The vehicle will have a turbocharged diesel engine that has a minimum of 180 H.P. The engine and transmission must operate efficiently and without detrimental effect to any drive train components when lubricated with standard, commercially available lubricants according to the recommendations of the engine and transmission manufacturers.

Tires and wheels: Tires shall be **Michelin X SnoPlus M+S LT2** and wheels will be in accordance with manufactures size and specifications for the Loader. Tire and wheel assemblies will be painted Orange to match the Loader color and identical at all positions. Tires will be new. Retreads, recaps, or re-grooved tires will not be permitted.

4.0 ELECTRICAL SYSTEMS

The Loader will have a 12-volt or 24-volt electrical and starting system. Batteries will be of the maintenance-free type.

5.0 QUALITY ASSURANCE

The contractor will assume complete responsibility for all component parts of the entire vehicle, even though major portions may be sub-contracted. This responsibility shall include design, construction, inspection, performance testing, and servicing.

6.0 DELIVERY

An estimated time for delivery shall be included in submitted proposals.

Delivery must be made to the Fredericton International Airport.