



REQUEST FOR PROPOSALS

Multi-Purpose Snow Removal Equipment

REQUEST NUMBER: 2302

DUE DATE: January 26, 2023

DUE TIME: 2:00 pm (local)

INTRODUCTION

The Gerald R. Ford International Airport Authority (GFIAA) is requesting proposals for an Airport Runway Multi-Purpose Snow Removal Apparatus. The self-propelled high-performance sweeper blower is to be capable of efficiently remove snow, slush, and contaminants on all airport surfaces, such as runways, taxiways, and aprons, as well as be equipped with a plow.

The Gerald R. Ford International Airport is the second busiest airport in Michigan, serving business and leisure travelers with nonstop and connecting flights on six airlines. The Ford Airport is managed and operated by the Gerald R. Ford International Airport Authority.

This solicitation will be publicly opened at the Gerald R Ford International Airport Authority, located on the second floor of the Gerald R Ford International Airport Terminal Building at 5500 44th St SE, Grand Rapids, MI, 49512.

SOLICITATION AND PROJECT SCHEDULE

ACTIVITY	DATE
RFP Issue Date	January 5, 2023
Question Deadline	January 20, 2023
Submission Due Date	January 26, 2023 at 2 pm

GFIAA reserves the right to modify the deadline set forth in the above table in its sole discretion. Any such modifications will be stated in an addendum.

Performance Specifications

General Description

The self-propelled high-performance sweeper blower is to be capable of efficiently remove snow, slush, and contaminants on all airport surfaces, such as runways, taxiways, and aprons, as well as be equipped with a plow.

Technical Description of Basic Vehicle:

- Chassis, 2-axle version for multipurpose use of working equipment
- Drive engine with 450 hp
- Work engine with 450 hp
- 4 x 4 drive line
- All-wheel steering
- 1 high power radial blower turbine
- Sweeping blowing unit with blowing system in front with castor wheels
- Second air blower on vehicle rear side
- Snowplow

Technical data

Vehicle dimensions:

Length: Approx. 35'

Width: Approx. 8'

Height: Approx. 12'

Chassis:

No serial truck chassis

- Air brake
- Engine brake
- Joystick
- Battery system for driving / working engine 24 V
- Motor oil level indicator driving / working engine
- Basic hydraulic and drive for turbine and broom
- Front axle capacity 14 t / rear axle capacity 14 t.
- Cooling system for driving / working engine
- Additional mirror to improve the view towards the front (outside of the cabin left and right)
- Air condition
- Lighting roof bar
- Emergency steering pump for servo
- 2 working lights at vehicle side
- Radio-CD-player
- Fire extinguisher ABC Powder 6 kg mounted in the cabin
- Park heating
- Front plate for plow
- Coating RAL
- Fuel tanks 2 x 500 l connected with pipeline and two stopcocks (tank contents good for 12– 14 hours of operation)

Tires

- Front- and rear axle: Goodyear 445/75 R 22.5
- Rim size: 14.00 x 22.5
- Off-set: 105 mm
- Spare tire/wheel included

Cold kit -15 Degrees Rear view camera

Camera to monitor the rear side of the unit while operating and maneuvering. Camera automatically operates when indicator is used. Separate monitor in the cabin.

Driver's cab equipment

- 2-door comfort cabin including:
- Left hand drive with vertically and horizontally adjustable steering wheel
- Good all- around visibility
- Excellent driving and noise comfort and ergonomic seating and operating layout
- Heated panoramic safety glass front windscreen with wiper/washer
- Electrically operated door windows left / right
- One rear window
- One roof ventilation flap
- Air-suspended comfort driver seat with multiple

- adjustment possibilities and arm rests
- Powerful heating and ventilation system with variable ventilator speeds and various adjustable air vents
- Large, tinted plexiglass sun visor over the windscreen

- Two electrically heated wide-angle outer mirrors on each side as well as a ramp mirror on the right
- Parallel windscreen wipers
- Various storage spaces in the dashboard, between the seats and in the doors, as well as coat hooks

Exterior

- Light Bar
- Far Ranging Work Lights
- Wide work Close range lighting
- Headlamp (left and Right H3 24v 70w)
- Indicator Light (21W)
- Camera Left
- Camera Right
- Maintenance Hatch
- Hydraulic connection
- Tail lamp

Electrical Equipment / Radio

Electrical system:

- 24V power supply
- Two (2) batteries 12V / 220
- Ah Alternator 28V, 150 A
- Battery master switch electrical (switch) within the cabin
- External power supply for drive and work engine, with mating plug and 3m cable and clamps

Configuration:

Counter for operating hours for work engine and sweeper blower unit. Additional lights for broom operation area, fixed onto side planking behind the cabin.

Radio unit:

Availability of installation section for radio unit (to be provided by the buyer. Exact cabin position to be defined.

Safety equipment

Plow and broom are automatically lifted in reverse drive

Three (3) Emergency shut off's available outside behind the cabin, left and right side as well as within the cabin.

Oil temperature indicator

Sweeper Unit

- Broom length: at least 20'
- Broom diameter: approx. 46"
- Sweeping width: approx. 18'
- Broom speed: approx. 600 rpm

Function

The sweeper mounting suspension – with castor wheels

- Spare Core
- Storing Cradle

Broom drive

Broom drive without gearbox by means of two side-mounted hydraulic piston engines directly into the broom core.

Snowplow

Unit to include front snowplow to cover broom width

Operation

The plow is swiveled to the same side as the blower sweeper unit. In combination with the blower sweeper unit, clearing takes place either to the left or right side. The plough exceeds the brush in length about 1 meter (3'), which leads to a desired blowing out space.

Cool kit -40°F which includes:

- Cooling water up to -40°F
- External power supply with mating plug.
- External power charger 24 V
- Cooling water heating system 240 VAC
- Diesel filter heating system 24 VDC and 240 VAC Hydraulic oil heating system

Diagnostic software

Diagnostic software package for servicing the main function of the unit.

Documentation

The complete documentation will be available in English and provided on the day of company acceptance. The complete set includes the following (2 x hard copy, 1 x CD):

- Detailed operation instructions
- Brief instructions (to remain within vehicle cabin)
- Maintenance booklet (incl. Hydraulic / electronic plan)
- Workshop manual
- Spare parts online catalog

Delivery

- Training (as required)
- Pre-Delivery Inspection
- Base to include delivery, setup, and initial training

Options

List all options available to unit. Including but not limited to:

- Chemical (liquid and/or solid)
- Delivery systems
- Attachments
- Warranties

EQUIVALENT PRODUCT

Proposals will be accepted for consideration on any make or model that is equal or superior to the specifications provided. Decisions of equivalency and suitability will be at the sole interpretation of GFIA. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. An original detailed manufacturer's brochure of the proposed product is to be submitted.

REQUESTS FOR INFORMATION

Questions regarding this solicitation are to be submitted in writing to purchasing@grr.org prior to 2 p.m. on January 20, 2023.

GFIAA reserves the right to publish and respond to an inquiry, respond directly to the inquirer without publishing or not respond to the inquiry at its sole discretion.

It is the firm's responsibility to become familiar with and fully informed regarding the terms, conditions, and specifications of this solicitation. Lack of understanding or misinterpretation of any portions of this solicitation shall not be cause for withdrawal after opening or for subsequent protest of award.

Addendums will only be published by the GFIAA Purchasing Department and available for review at www.grr.org.

SUBMISSION FORMAT AND EVALUATION CRITERIA

Submissions should include and will be evaluated on the elements outlined below:

Executive Summary – One (1) page maximum

Summarize the Respondent's strong points and how experience, particularly with similar responsibilities, will benefit the stakeholders.

Business Organization – One (1) page maximum

State the full name and address of the organization and, if applicable, the branch office, consultants, or other subordinate elements that will provide or assist in providing the service. Include phone number(s), email address(s) and Respondent's website address.

Product Recommendation – Twelve (12) pages maximum

State in succinct terms the Respondent's understanding of the major issues of this request and propose a product with specifications that can fully fulfil the requirements listed within this RFP. Provide an alternative suggestion of equipment or any additional add ons to your main proposal that may prove beneficial to the GFIAA to consider as well. Describe product delivery timeframe.

References – One (1) page maximum

Provide a minimum of three (3) relevant references, preferably for projects of similar scope and complexity. Include the names of the projects, location, completion date, project cost, and specific challenges; identify project team members and references for each project including telephone numbers and email addresses.

Equipment Cost – Two (2) pages maximum

Provide a detailed cost proposal, including delivery and lead times.

REQUEST FOR PROPOSAL SUBMISSION

Responses may be delivered physically or electronically. To be considered, complete submissions must be received prior to the due date and time specified (local time).

- Hard copy responses can be mailed or otherwise delivered to the address below.

Submission address:

Attn: AJ Nye, Procurement Specialist

Gerald R Ford International Airport Authority

5500 44th St SE

Grand Rapids, MI 49512

- Electronic responses can be securely uploaded as a single pdf document to:

<https://www.dropbox.com/request/NDZJ9Lsm7zQ6dzS4frgw>

Electronic submissions shall be named with a form or portion of the firm's name as part of the document name.

The firm certifies the response submitted has not been made or prepared in collusion with any other respondent and the prices, terms or conditions thereof have not been communicated by or on behalf of the respondent to any other respondent prior to the official opening of this request. This certification may be treated for all purposes as if it were a sworn statement made under oath, subject to the penalties for perjury. Moreover, it is made subject to the provisions of 18 U.S.C. Section 1001, relating to the making of false statements.

Submissions may be withdrawn by written request only if the request is received on or before the opening date and time.

Submissions not meeting these criteria may be deemed non-responsive.

GFIAA is not liable for any costs incurred by any prospective firm prior to the awarding of a contract, including any costs incurred in addressing this solicitation.

TERMS AND CONDITIONS

GFIAA reserves the right to require that its standard terms and conditions apply to any actual order placed in response to a firm's submission. No attempt to modify GFIAA's Standard Terms and Conditions shall be binding, absent agreement on such modification in writing and signed by GFIAA.

No payment shall be made to the Respondent for any extra material or services, or of any greater amount of money than stipulated to be paid in the contract, unless changes in or additions to the contract requiring additional outlay by the Respondent shall first have been expressly authorized and ordered in writing by contract amendment or otherwise furnished by the GFIAA.

The intent of these specifications is to solicit a properly designed and all-inclusive response. Any requirements not in the specifications, but which are needed for such a response, are to be included in the submission.

The Gerald R Ford International Airport Authority, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, disadvantaged business enterprises and airport concession disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The Respondent shall not discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment, because of race, color, religion, national origin, age, sex, height, weight, marital status, or disability that is unrelated to the individual's ability to perform the duties of a particular job or position.

The Respondent shall observe and comply with all applicable federal, state, and local laws, ordinances, rules and regulations at all times during the completion of any contract with the GFIAA.

The terms of this request shall be interpreted, construed and enforced pursuant to the laws of the State of Michigan, and the Parties irrevocably consent to the jurisdiction of the federal and state courts presiding in Michigan.

The GFIAA is tax-exempt and a regional airport authority organized under 2015 P.A. 95, being MCL 259.137 et. seq.

Vendor Representation and Warranty Regarding Federal Excluded Parties List: The Respondent acknowledges that the GFIAA may be receiving funds from or through the Federal Government; such funds may not be used to pay any Respondent on the Federal Excluded Parties List (EPLS). The Respondent represents and warrants to the GFIAA that it is not on the Federal EPLS. If the Respondent is in non-compliance at any time during execution or term of this agreement (including any extensions thereof), the Respondent shall be in breach and the GFIAA shall be entitled to all remedies available to it at law or equity, specifically including but not limited to recovery of all moneys paid to the Respondent, all consequential damages (including the loss of grant funding or the requirement that grant funding be returned), and attorney fees (including the costs of in-house counsel) sustained as a result of the Respondent's non-compliance with this warranty and representation.

Pursuant to the Michigan Iran Economic Sanctions Act, 2012 P.A. 517, by submitting a bid, proposal or response, Respondent certifies, under civil penalty for false certification, that it is fully eligible to do so under law and that it is not an "Iran linked business," as that term is defined in the Act.

Insurance requirements are posted on the Documents and Forms page of the GFIAA website within the Purchasing Terms and Conditions document.

Termination For Cause: Should the firm fail to perform the Work as required by and in accordance with the schedule or time requirements, or otherwise violate any of the terms set forth in the Solicitation Request, it shall constitute breach of the Contract. Other than in force majeure situations, Respondent shall have five (5) calendar days to cure a breach of the Contract (the "Cure Period") following issuance of GFIAA written notice. Failure to cure a breach of the Contract within said Cure Period shall allow the GFIAA to, without further notice to the Respondent, declare the Contract terminated and proceed with the replacement of the Respondent and the GFIAA shall be entitled to all remedies available to it at law or in equity including a claim against any required payment/performance bonds.

Termination Without Cause: Notwithstanding any other provision, at any time and without cause, GFIAA shall have the right, in its sole discretion, to terminate the contract by giving sixty (60) days written notice.

Although it is the intent to contract with one provider, the GFIAA reserves the right to contract with alternate sources if the Respondent is unable or unwilling to service its obligation, or it is deemed by GFIAA to be in its best interest to use alternate sources.

Assignment: Neither party shall assign or delegate any of its rights or obligations under this Agreement without the prior written consent of the other party.

Respondent warrants that they are an authorized provider of products or services of his/her submission.

MICHIGAN FREEDOM OF INFORMATION ACT

Information submitted in this solicitation is subject to the Michigan Freedom of Information Act and may not be held in confidence after the Respondent's submission is opened. A submission will be available for review after the project has been awarded.

GFIAA cannot assure that all of the information submitted as part of or peripheral to the Respondent's submission will be kept confidential. Any Respondent submission language designated as confidential is considered automatically invalid and void. GFIAA is subject to the Michigan Freedom of Information Act, which prohibits it from concealing information on or associated with responses, successful or unsuccessful, once they are opened.

EVALUATION, STATUS UPDATES/AWARD NOTIFICATION

The Authority reserves the right to request additional information it may deem necessary after the submissions are received.

As part of the evaluation process, Respondents may be requested to make an oral presentation, at the Respondent's expense, to an evaluation committee. Key staff to be assigned to this project must participate in this presentation unless otherwise waived by the Authority. The presentation may be followed by a question-and-answer session.

The Authority reserves the right at its discretion to waive irregularities of this solicitation process.

In the event of extension errors, the unit price shall prevail and the Respondent's total offer will be corrected accordingly. In the event of addition errors, the extended totals will prevail and the Respondent's total will be corrected accordingly. Respondent must check their submission where applicable. Failure to do so will be at the Respondent's risk. Submissions having erasures or corrections must be initialed in ink by the Respondent. Respondents are cautioned to recheck their submissions for possible errors.

The Respondent shall not be allowed to take advantage of error, omissions or discrepancies in the specifications.

The Authority, at its sole discretion, reserves the right to award to the Respondent whose response is deemed most advantageous to the Authority. The Authority, at its sole discretion, shall select the most responsive and responsible Respondent and evaluate all responses based on the requirements and criterion set forth in this solicitation while reserving the right to weigh specifications and other factors in the award. The Authority reserves the right to reject any and all submissions as a result of this solicitation.

The Authority reserves the right to award by line item when applicable and to accept or reject any or all parts of a submission.

Accelerated discounts should be so stated at the time of submission. If quick-pay discounts are offered, The Authority reserves the right to include that discount as part of the award criterion. Prices must, however, be based upon payment in thirty (30) days after receipt, inspection, and acceptance. In all cases, quick-pay discounts will be calculated from the date of the invoice or the date of acceptance, whichever is later.

Award notifications are posted on the Authority website. It is the Respondent's responsibility to monitor the website for status updates.