



Rhode Island Airport Corporation

December 3, 2013

Invitation For Bid No. 25267 Airport Regenerative Air Sweeper

INTRODUCTION

The Rhode Island Airport Corporation (RIAC) is soliciting bids for the purchase of one (1) Regenerative Air Sweeper.

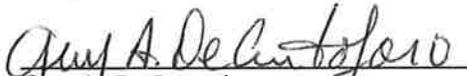
Sealed bids will be received at: Rhode Island Airport Corporation, Office of Administration, Attention: Office of Procurement, 3rd Floor, 2000 Post Road, Warwick RI 02886-1533. Questions related to this IFB can be sent to: procurement@pvdairport.com.

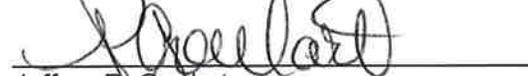
Due date for bids is no later than 2:00 p.m., December 17, 2013, at which time they will be publicly opened. Bids must be in a sealed envelope clearly marked "**Airport Regenerative Air Sweeper – IFB No. 25267**". RIAC will not accept late bids under any circumstances. All costs incurred in connection with responding to this Invitation for Bids (IFB) shall be borne by the bidder.

The successful bidder will be the lowest responsible bidder. For purposes of this solicitation, the lowest responsible bidder is the firm that RIAC determines meets the specifications at the lowest price. The successful bidder must hold the bid price for ninety days from bid opening date, and may not withdraw their bid for at least thirty days after the time and date set for the receipt of bids.

All prices quoted are to be FOB delivery location, RIAC Maintenance Area, 300 Airport Road, Warwick RI 02886. Payment terms are net thirty (30) days; RIAC is Tax Exempt and a certificate will be supplied as required. Air Sweeper will be delivered with a title, which shall read: Rhode Island Airport Corporation, 2000 Post Road, Warwick, RI 02886-1533

Procedures respecting bids and the selection of Contractors shall be in conformity with Title 37, Chapter 2 of the General Laws of the State of Rhode Island and RIAC procurement rules.


Guy A. DeCristofaro
Manager of Airfield Maintenance


Jeffrey P. Goullart
Manager, Finance and Administration

SPECIFICATION

One (1) fast sweeping regenerative air sweeper with dual diesel engines, automatic transmission, cab-over-engine chassis and electronic diagnostics capabilities able to sweep just as effectively at 15 mph as at 3 mph without adjustments.

CHASSIS:

- Cab-over-engine design for excellent forward visibility and safety with approximately 33,000 GVW rating.
- Wheelbase to be approximately 164" and useable cab to axle to be approximately 113".
- Dual Power Steering using O.E.M. parts for reliability.
- A 50 gallon minimum fuel tank to be shared by both engines.

CHASSIS ENGINE:

- Turbo charged diesel, minimum 200 HP @ 2600 RPM 520 ft/lb. torque at 1600 RPM.
- Cooling system protected to -20°F.
- Single stage dry type air cleaner with safety element and restriction indicator.

TRANSMISSION, AXLES, WHEELS & BRAKES:

- Allison 2500 RDS, 6 speed automatic transmission with oil cooler, or equal.
- 2-speed rear axle with ratio of 7.17/9.77 for proper sweeping speeds, or equal.
- Tubeless radial tires at least 11R22.5 G (14 ply).
- One (1) spare tire mounted on wheel.
- Steel disc rims, min. of 22.5" x 7.5" 10 hole disc.
- Full air brakes, S Cam, automatic slack adjusters.
- 18.5 CFM Compressor approximate minimum capacity.
- Maxi II Spring set parking brake.

CAB:

- Dual steering/operator station individual seats with seat belts.
- Tinted glass, fresh air heater/defroster, air conditioner, 2-speed wipers & washers with intermittent feature, dual west coast mirrors with separate convex mirrors, dome light, glove compartment, door armrests, and roof vent.

ELECTRICAL:

- Sweeper engine alternator to be a 12 volt, 65 amp and sufficient capacity to maintain battery charge in the event of extended sweeper engine operation without chassis engine running.
- All batteries are to be of maintenance free design and sufficient voltage capacity.
- Sealed multi-beam halogen headlights, stop, tail, backup, license plate, clearance, side broom and directional lights with hazard switch.
- Truck engine to have speedometer/odometer, tachometer, volt meter, fuel, oil, air pressure, temperature gauges, warning lights, chime for low coolant level and high coolant temperature, warning lights for battery and cab latch.
- On-board diagnostics system included to quickly identify problem areas.

- All sweeper-wiring harnesses shall be color-coded and marked with the appropriate wire labeled every four inches, i.e. "ignition", "Side Broom" on each wire.
- Sweeper controls preferred to be mounted on a central rotating terminal capable of being rotated left or right by the operator for use and view from either side of the cab.
- Entire sweeping mechanism to have memory feature to maintain prior settings and reset upon pressing sweep function immediately after transport for operator convenience.

FEDERAL/STATE/LOCAL REGULATIONS:

- Vehicle shall have all equipment necessary to be street legal.
- Unit shall comply with all applicable federal, state and local regulations.

SWEEPER ENGINE:

- Diesel, minimum 140 HP @ 2500 RPM, 291 ft-lbs. torque @ 1400 RPM.
- Counterbalanced, turbo charged with replaceable wet sleeves.
- Dual safety element dry type air cleaner & restriction indicator.
- Engine filled with 50/50 mixture anti-freeze/water.
- Auxiliary engine high temperature/low oil pressure shutdown with alarm.
- Air intake restriction indicator in cab.
- Engine and fan are rubber mounted to minimize vibrations.

HYDRAULIC SYSTEM:

- The hydraulic system must be adequate for the sweeper operations.
- All circuits are to have quick disconnect pressure check ports for serviceability.
- Hydraulic reservoir to have a 10-micron spin-on filter.
- Pipefittings will not be acceptable.
- For safety, auxiliary electro-hydraulic pump to raise the hopper, side brooms and pickup head independent of auxiliary engine.
- A Hydraulic oil cooler must be supplied.

BLOWER:

- The blower should be no less than 17,000 CFM blower capable of 86" of negative water @ 4000 RPM for maximum work.
- The belt shall be grooved with adjustable tension without the inconvenience of repositioning the engine.
- The blower shall be abrasion resistant construction for longer life, steel construction preferred.
- An aluminum blower impeller is not preferred.
- Blower housing to be of abrasion resistant construction, all liners to be of bolt in design.
- Vacuum enhanced for sweeping light, bulky material to be remote controlled from cab.

SIDE BROOMS:

- Two (2) side brooms shall be hydraulically raised, lowered and driven.
- The brooms shall be filled with polypropylene, disposable vertical digger.

- The up/down flotation cannot change the broom pattern.
- Broom mounting disc shall be rubber shock mounted drive disc for protection.
- There shall be manual adjustment for tilt and pressure.

PICKUP HEAD:

- Pickup head shall be approximately 90" in width with an area of 3000 square inches.
- The suction hose shall have quick disconnect coupling (without tools).
- There shall be side plate runners with carbide shoes for long life.
- The pickup head shall have the capacity of hydraulically raising and lowering.
- The Sweeper shall also have the ability to sweep in reverse without damage to the head.
- Should have a blast orifice to help sweep material into a suction tube.
- An adjustable blast orifice width for different sweeping conditions must be included.
- Blast orifice shaped like converging diverging nozzle for maximum efficiency.
- Smooth bore suction tube for better sweeping capability and less clogging.
- Must be able to sweep effectively from 1-5 mph without a need for adjustments.

HOPPER: The Hopper to be constructed with 3/16" 304 series stainless steel floor. The roof, bulkhead, rear door, and sides to be made of minimum 10 gauge 304 series stainless steel. Floor to slope 3 degrees towards the rear door.

- **Liners of any type will NOT be accepted in lieu of stainless steel.**
- Should be approximately 8.4 cubic yard volumetric capacity.
- There shall be a full load indicator in the cab.
- The hopper floor angle preferable to be a minimum of 3 degrees with dumping to be by tilting the hopper to a minimum of 50° so debris does not remain in the hopper (**preferred**).
- The hopper shall be hydraulically opened and closed with controls in cab.
- The hopper deflector plate shall be removable and replaceable.
- A self-cleaning dust separator should be installed at the air return outlet of the hopper chamber.

SPRAY WATER SYSTEM:

- The water tank may be approximately 600 gallons and rust proof
- Lined tanks will not be acceptable due to peeling and flaking.
- The water tank must be frame mounted and not part of the hopper, nor share any common wall with the hopper so it may be easily removed. Water spray to be supplied by an electric diaphragm water pump. The water pump to produce a minimum of 50 PSI, with a minimum 5.88 gpm. The water pump to automatically disengage when the water supply is depleted. Pump shall be mounted below water tank bottom level.
- The individual flow control or water functions shall be accomplished from the cab without any water hoses running through the cab.
- Sufficient amount of spray nozzles to minimize wear and controlling of dust.

SPRAY WATER SYSTEM:

- There shall be a 25 ft. wash down hose minimum with quick disconnects on each side.
- Included will be a 200 mesh water filter.
- The fill hose should be approximately 25' long.

PAINT:

- Entire unit will be painted Chrome Yellow.

RADIO TRANSCEIVERS:

- The vehicle will be delivered with an ICOM Model IC-A210 tow way radio dash mounted multichannel with external speaker and ¼ wave antenna and a Kenwood Model TK-7360 multi-channel 2-way radio with ¼ wave antenna. V-CON Code 3-model 3692 siren, with 100Amp external speaker.

Radio Transceivers are to be shipped loose

ADDITIONAL EQUIPMENT:

- Minimum of 8" diameter hydraulic assisted wandering hose, capable of deep cleaning catch basins fingertip hydraulic control, rear throttle control, 12' long with water injection system for dust control.
- 4' aluminum extensions for the above, four (4) needed for 20 ft.
- The sweeper will include a LED amber strobe light and guard.
- Sweeping gear is to rise when the unit is placed in reverse.

TOOLS AND ACCESSORIES:

- A hydrant wrench, 2½-lb. fire extinguisher with mounting brackets, hazard triangle kit, one (1) hydraulic bottle jack capable of lifting one front or one rear tire for changing, one (1) wheel lug wrench and any other specific tool will be included with the equipment.

TRAINING:

- Manufacturer shall furnish, at no additional cost to RIAC, the following training:
A minimum of 8 hours of on-site operator training and 4 hours of maintenance training.
Training shall be by a qualified manufacturer's representative.

PENALTY CLAUSE:

- If vehicle is not delivered within the specified contract time frame of four (4) months after award of contract, a penalty of \$250.00 per day will be assessed against the contract price until delivery and acceptance of the sweeper.

WARRANTY: Standard Manufacturer Warranty.

**Invitation for Bids No. 25267
Airport Regenerative Air Sweeper
RESPONSE FORM**

Responses are **due no later than 2:00 p.m., December 17, 2013**. Attention: Office of Procurement, Rhode Island Airport Corporation, 3rd Floor, 2000 Post Road, Warwick, RI 02886. Vendors may copy/scan these pages to facilitate completing the information, but must return response in this format/order.

The undersigned, on behalf of the bidder, certifies that: This offer is made without previous understanding, agreement or connection with any person, firm, or corporation entering a bid on the same project; Is in all respects fair and without collusion or fraud. The person whose signature appears below is legally empowered to bind the company in whose name the bid is entered. They have read the entire document and understand all provisions. If accepted by RIAC this bid is guaranteed as written and amended and will be implemented as stated.

Firm Name _____

Contact _____

Signature _____ Title _____

Address _____ City/State _____ Zip _____

Phone _____ Fax _____ Hours _____

Taxpayer I.D. Number _____

Company Web Site Address _____ E-Mail _____

General Nature Of Business _____

Type or Organization (check one):

Sole Proprietorship Partnership Incorporated Public Corporation
Private Corporation

Minority Business Enterprise Woman-Owned Business Enterprise
Small Business Enterprise

Manufacturer Distributor Retail Dealer Service

Number Of Locations _____ Number Of Persons Employed _____

We Acknowledge Receipt Of These Addenda: No. _____, Dated _____; No. _____, Dated _____

Has any person, firm, or corporation entering a proposal on the project been disbarred or suspended by the State of Rhode Island. If so indicate dates and explanation for such.

ALL vendors interested in responding MUST provide the following requested information in this format. Additional information may be included on accompanying sheets if necessary.

1. Any additional information necessary to assist RIAC in evaluating your bid may be listed here.

2. Provide references from at least (3) companies, which have received the proposed or similar services.

a. Name of Facility, Group, Organization or Firm _____
 Address _____ Contact Person _____
 Phone Number _____

b. Name of Facility, Group, Organization or Firm _____
 Address _____ Contact Person _____
 Phone Number _____

c. Name of Facility, Group, Organization or Firm _____
 Address _____ Contact Person _____
 Phone Number _____

3. List any deviations from the SPECIFICATIONS and MANDATORY REQUIREMENTS section in this document. An explanation must be provided below and documentation provided to verify compliance with the minimum specifications on a similar or equivalent basis.

ITEM NO.	REASON FOR DEVIATION, DESCRIPTION OF REPLACEMENT COMPONENT, AND/OR EXPLANATION

4. Pricing Information in Words and Numbers

Price (in numbers) \$ _____

Price (in words) _____

The person signing the form guarantees that he/she has the authority to make the bid offer on behalf of the company as indicated above, and warrants that the bid offer be good for a minimum of thirty (30) days from the date of opening.

"NO BID" RESPONSE FORM

To submit a "No Bid" response for this project, this form must be completed for your company to remain on our bidders list for commodities/services referenced. If you do not respond your name may be removed from this bidders list. In order to ensure that the Airport file has current information, or if you wish to be added to Airport's Vendor Listing. You must also return the Certificate of Familiarity form completed in its entirety.

Note: Please show the solicitation number on the outside of the envelope.

Please check statement(s) applicable to your "No Bid" response –

- Specifications are restrictive; i.e. geared toward one brand or manufacturer only (explain below).
- Specifications are ambiguous (explain below).
- We are unable to meet specifications.
- Insufficient time to respond to the solicitation.
- Our schedule would not permit us to perform.
- We are unable to meet bond requirements.
- We are unable to meet insurance requirements.
- We do not offer this product or service.
- Remove us from your vendor list for this commodity/service.
- Other (specify below).

Comments:

Company Name (as registered with the IRS)

Authorized Signature

Correspondence Address

Printed Name

City, State, Zip

Title

_____ / _____

Terms and Conditions

In submitting a response to this Invitation for Bids, vendors hereby understand the following:

1. All project participants, consultants, engineers, and contractors, must comply with all applicable federal, state laws and RIAC rules and regulations pertaining to contracts entered into by governmental agencies, including non-discriminating employment. Contracts entered into on the basis of submitted bids are revocable if contrary to law.
2. Alternate bids (two or more bids submitted) will be considered for award. RIAC reserves the right to make the final determination of actual equivalency or suitability of such bids with respect to requirements outlined herein.
3. The bids submitted, and any further information acquired through interviews, will become, and are to be considered, a part of the final completed contract. If there is any variance or conflict, the bid specifications, conditions, and requirements shall control.
4. Prices offered may not be withdrawn for a period of ninety days immediately following the opening of this Bid. Prices MUST also be free of federal, state and local taxes unless otherwise imposed by a governmental body, and applicable to the material on the bid.
5. Bidder MUST return the original attached Response Form as noted previously on the bid due date.
6. Envelopes containing responses must be sealed and marked on the lower left-hand corner with the firm name and address bid number, date, and time.
7. RIAC interprets the term "lowest responsible bidder" as requiring RIAC to: (a) choose between the kinds of materials, goods, wares, or services subject to the bid, and (b) determine which bid is most suitable for its intended use or purpose. RIAC can consider, among other factors, such things as labor cost, service and parts availability, availability of materials and supplies, and maintenance costs of items upon which bids are received. RIAC can determine any differences or variations in the quality or character of the material, goods, wares, or services performed or provided by the respective bidders.
8. All requested information must be supplied. If you cannot respond to any part of this request, state the reason you cannot respond. You may provide supplemental information, if necessary, to assist RIAC in analyzing your bid.
9. A purchase order and/or contractual agreement constitutes RIAC's offer to the service provider upon the terms and conditions stated herein, and shall become binding meeting the terms set forth herein when it is accepted by acknowledgment or performance.
10. After award, if the successful bidder/supplier refuses or fails to make deliveries of the materials and or services within the times specified in the Invitation for Bids, purchase order, or contractual agreement, RIAC may, by written notice, terminate the contract OR purchase order.
11. The supplier shall hold and save RIAC, The State of Rhode Island, and its officers, agents, servants/employees harmless from liability of any patented or unpatented invention, process, article, or appliance manufactured, or used in the performance of the contract, including its use by RIAC.

12. Payment of the seller's invoices is subject to adjustment.

13. The Bidder agrees that:

- a. He/she shall not discriminate against any person in the performance of work under the present contract because of race, religion, color, sex, national origin, ancestry, or physical handicap;
- b. In all solicitations or advertisements for employees, he/she shall include the phrase, 'Equal Opportunity Employer,' or a similar phrase;
- c. If he/she fails to comply, he shall be deemed to have breached the present contract, and it may be canceled, terminated, or suspended, in whole or in part, by RIAC;
- d. If he/she is found guilty of discrimination under a decision, he/she shall be deemed to have breached the present contract, and it may be canceled, terminated, or suspended, in whole or in part, by RIAC; and,
- e. He/she shall include the provisions of subsections (a) through (d) inclusively of this paragraph in every subcontract or purchase order so that such provision will be binding upon such subcontractor or vendor.

14. RIAC shall retain the right to reject any and/or all bids received, and responses to this and/or related documents, if determined to be non-responsive in any form, or if determined to be in the best interest of RIAC.

15. The firm responding to this bid proposes to furnish all materials, labor, supplies, equipment and incidentals necessary to provide the equipment/materials/services described herein in accordance with the, Addenda, Contract, Bonds, Insurance, Plans, Specifications, Mandatory Requirements and Conditions.

16. If a response to this Invitation for Bids is accepted, the Bidder agrees to execute and deliver to RIAC a contract in accordance with the Contract Documents (if applicable) within ten days of notice of the award to the Bidder. The Bidder agrees that the surety/deposit given concurrently herewith shall become the property of RIAC in the event the Bidder fails to execute and deliver such contract within the specified time. In the further event of such failure, the Bidder shall be liable for RIAC's actual damages that exceed the amount of the surety.

17. It shall be understood that time is of the essence in the bidder performance. The bidder agrees that RIAC's damages would be difficult or impossible to predict in the event of a default in the performance hereof; and it is therefore agreed that if the bidder defaults in the performance of the Contract Documents, the bidder shall be liable for payment of the sums stipulated in the Contract Documents as liquidated damages, and not as a penalty.

18. The bidder hereby certifies that he/she has carefully examined all of the documents for the project, has carefully and thoroughly reviewed this Invitation for Bids, that he/she has inspected the location of the project (if applicable), and understands the nature and scope of the work to be done; and that this bid is based upon the terms, specifications, requirements, and conditions of the Invitation for Bids and documents. The Bidder further agrees that the performance time specified is a reasonable time, having carefully considered the nature and scope of the project as aforesaid.

19. All products/services and related equipment proposed and/or affected by acquisitions or purchases made as a result of the response to this document shall be compliant with existing RIAC hardware, software, and applications where applicable. Verification must

be provided in the response to this document.

20. The Bidder certifies that this proposal is submitted without collusion, fraud or misrepresentation as to other Bidders, so that all bids for the project will result from free, open and competitive bidding among all vendors.
21. It shall be understood that any bid and any/all referencing information submitted in response to this Invitation for Bids shall become the property of RIAC, and will not be returned. RIAC will use discretion with regards to disclosure of proprietary information contained in any response, but can not guarantee that information will not be made public. As a governmental entity, RIAC is subject to making records available for disclosure after Board approval of the recommendation.
22. RIAC will not be responsible for any expenses incurred by any vendor in the development of a response to this Invitation for Bids. Further, RIAC shall reserve the right to cancel the work described herein prior to issuance and acceptance of any contractual agreement/purchase order by the recommended vendor even if RIAC has formally accepted a recommendation.
23. RIAC will accept responses transmitted via facsimile unless stated to the contrary within this document. Bids must be received prior to the time and dates listed to be considered responsive. RIAC will not "accept" late responses and will return them to the sender. Further, RIAC will NOT: (1) guarantee security of the document received; (2) be held responsible for bids which are NOT legible (and may choose to reject such responses); and, (3) guarantee that the receiving facsimile machine will accept transmission or that phone lines are functioning and available for transmission. Submitting a response via facsimile does NOT relieve the Bidder of: (1) responsibilities stated in the document (such as attendance at a mandatory pre-proposal conference); (2) providing non-paper informational items which must be returned with the response (diskettes, large drawings, photographs, models, etc.); and, (3) providing original copies of bid sureties (bonds, certificates of insurance, etc.)
24. By submission of a response, the Bidder agrees that at the time of submittal, he/she: (1) has no interest (including financial benefit, commission, finder's fee, or any other remuneration) and shall not acquire any interest, either direct or indirect, that would conflict in any manner or degree with the performance of Bidder's services, or (2) benefit from an award resulting in a "Conflict of Interest." A "Conflict of Interest" shall include holding or retaining membership, or employment, on a board, elected office, department or bureau, or committee sanctioned by and/or governed by RIAC. Bidders shall identify any interests, and the individuals involved, on separate paper with the response and shall understand that RIAC, at the discretion of the Purchasing Director in consultation with RIAC Counselor, may reject their bid.
25. Campaign Finance Compliance - Every person or business entity providing goods or services at a cost of \$5,000 cumulated value is required to file an affidavit regarding political campaign contributions with the RI State Board of Elections even if no reportable contributions have been made. (RI General Law 17-27) Forms obtained at Board of Elections, Campaign Finance Division, 50 Branch Avenue, Providence, RI 02904 (401-222-2056).
26. Major State Decision-Maker - Does any Rhode Island "Major State Decision-Maker", as defined below, or the spouse or dependent child of such person, hold (i) a ten percent or greater equity interest, or (ii) a Five Thousand Dollar or greater cash interest in this business?

For purposes of this question, "Major State Decision-Maker" means:

- (i) All general officers; and all executive or administrative head or heads of any state executive agency enumerated in R.I.G.L. § 42-6-1 as well as the executive or administrative head or heads of state quasi-public corporations, whether appointed or serving as an employee. The phrase "executive or administrative head or heads" shall include anyone serving in the positions of president, senior vice president, general counsel, director, executive director, deputy director, assistant director, executive counsel or chief of staff;
- (ii) All members of the general assembly and the executive or administrative head or heads of a state legislative agency, whether appointed or serving as an employee. The phrase "executive or administrative head or heads" shall include anyone serving in the positions of director, executive director, deputy director, assistant director, executive counsel or chief of staff;
- (iii) All members of the state judiciary and all state magistrates and the executive or administrative head or heads of a state judicial agency, whether appointed or serving as an employee. The phrase "executive or administrative head or heads" shall include anyone serving in the positions of director, executive director, deputy director, assistant director, executive counsel, chief of staff or state court administrator,

If your answer is "Yes", please identify the Major State Decision-Maker, specify the nature of their ownership interest, and provide a copy of the annual financial disclosure required to be filed with the Rhode Island Ethics Commission pursuant to R.I.G.L. §36-14-16, 17 and 18.