

ADDENDUM No. 1

for

**PURCHASE SNOW REMOVAL EQUIPMENT
AIP-3-33-0011-TBD-2026
FY26-805-49
MARCH 2026**

at the Manchester-Boston Regional Airport – Manchester, NH

Due to be opened 2:00 p.m., on April 17, 2026

Date: _____ **April 10, 2026** _____

The attention of firms submitting proposals for the work named above is called to the following modifications to the documents as were issued.

The items set forth herein, whether of clarification, omission, addition and/or substitution, shall be included and form a part of the Proposer's submitted materials and the corresponding contract when issued. No claim for additional compensation, due to lack of knowledge of the contents of this Addendum will be considered.

All Proposer's are advised that receipt of this notice and all attached material must be duly acknowledged in the space provided on the signature page of the proposal documents, and **by the insertion of this sheet, signed, and submitted with your Proposal package.**

This form must be signed and attached to the original copy of your submission.

The attached sheets contain information or clarifications requested or discussed.

Receipt of Addendum No. 1 to the REQUEST FOR PROPOSALS for **PURCHASE SNOW REMOVAL EQUIPMENT, AIP-3-33-0011-TBD-2026, FY26-805-49, MARCH 2026** at the MANCHESTER-BOSTON REGIONAL AIRPORT is hereby acknowledged.

COMPANY NAME: _____

SIGNED BY: _____

NAME AND TITLE PRINTED: _____

TELEPHONE: _____ FAX: _____

CLARIFICATIONS/RESPONSES

Addendum Item No.1 -

SUBMITTED QUESTION:

Page 1 of 9, Time of Completion and Liquidated Damages

Specification: Bidder hereby agrees to commence work under this Contract on the date to be specified in written "Notice to Proceed" of the Owner, and to fully complete the project within 180 calendar days.

Requested for Change: Bidder hereby agrees to commence work under this Contract on the date to be specified in written "Notice to Proceed" of the Owner, and to fully complete the project within 500 calendar days.

Note: This includes all bid specification references to fully complete the project within 180 calendar days.

RESPONSE:

Prospective bidders shall utilize the "Number of Calendar days required for delivery after execution of the contract (_____) Calendar days." located on the bid form, to indicate the lead time for each piece of equipment if greater than 180 calendar days. Contract duration will be based upon the duration provided.

Addendum Item No.2 -

SUBMITTED QUESTION:

Page A-1, A1-7, a, Auxiliary equipment

Specification: The Starting Device electrical system shall be 24 volt electrical and starting

Requested for Change: The Starting Device electrical system shall be 12 or 24 volt electrical and starting

RESPONSE:

Manufacturer's standard will be accepted.

Addendum Item No.3 -

SUBMITTED QUESTION:

Page A-2, A1-7, d, Auxiliary equipment Specification: Reflectors or Conspicuity markings

Clarification: Please clarify if a rear bumper, 8-inch stripe, numbers, lettering, logo on both the chassis and tow broom are required.

RESPONSE:

Manufacturer's standard reflectors, meeting SAE ARP requirements, will be accepted. Logo and numbering are not required.

Addendum Item No.4 -

SUBMITTED QUESTION:

Page A-5, A2-2, 8, e, Additional Lighting Specification: HID Lights

Requested for Change: HID Lights or heated LED lights.

Note: This includes all bid specification requirements for HID lights.

RESPONSE:

Heated LED lights will be accepted.

Addendum Item No.5 -

SUBMITTED QUESTION:

Page A-5, A2-2, 4, Automatic engine shutdown Specification: An automatic engine shutdown system is equipped with an override switch to prevent engine damage due to low engine oil pressure, high coolant temperature, or low coolant level.

Requested for Change: An automatic engine shutdown system is equipped with an override switch to prevent engine damage due to low engine oil pressure, high coolant temperature, or low coolant level or manufacturer's standard Design.

Reason: No override switch available for the unit in this bid. Chassis engine will not shut down to ensure operator can get the unit off the runway. Auxiliary engine is equipped with shut down.

CLARIFICATION

Manufacturer's standard, meeting the requirements of ARP5548 – Multi-Tasking Equipment (MTE) for Airfield Snow Removal High Speed, Multi-Tasking Snow Removal Unit to include Carrier Vehicle, Snow Plow, Rotary Broom High Velocity Air Blast - Section 5.3.5 will be accepted.

Addendum Item No.6 -

SUBMITTED QUESTION:

Page A-7, 548A4-4, Plow length Specification: Plow length 21 (6.4) ft (m),

Requested for Change: Plow length 21 (6.4) ft (m), or manufacturer's standard design

Reason: Plow length provided would be 24 feet to accompany a 22 foot broom.

CLARIFICATION

Manufacturer's standard design, meeting the minimum length of 21 (6.4) ft (m), will be accepted.

Addendum Item No.7 -

SUBMITTED QUESTION:

Page A-8, A4-10, h, Quick disconnect Specification: Quick disconnect for plow control must be installed in the cab.

Clarification: Please clarify if a hands-free hitch is required.

CLARIFICATION

Hands free hitch is not required. The plow and hitch shall be furnished with a quick hitch that can be easily attached or detached by one person in less than 2 minutes.

Addendum Item No.8 -

SUBMITTED QUESTION:

Page A-9, A6-7, Size of broom Specification: Size of broom shall be 22 feet in length with a minimum sweep path of 18 feet in operating position and shall have a diameter of 36"

Requested for Change: Size of broom shall be 22 feet in length with a minimum sweep path of 18 feet in operating position and shall have a diameter of 36" or manufacturer's standard design.

Reason: A 46" diameter broom is provided for a stowable broom head.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.9 -

SUBMITTED QUESTION:

Page A-10, A6-11, b, Traction Unit (Chassis) Engine Performance Specification: Horsepower for carrier traction drive engine shall range from 400 to 475 HP.

Requested for Change: Horsepower for carrier traction drive engine shall range from 400 to 496 HP.

CLARIFICATION

Provided horsepower range is acceptable.

Addendum Item No.10 -

SUBMITTED QUESTION:

Page A-10, A6-11, c, Traction Unit (Chassis) Engine Performance Specification: Broom/air blast drive auxiliary engine shall have an operating range from 300 to 375 horsepower.

Requested for Change: Broom/air blast drive auxiliary engine shall have an operating range from 300 to 496 horsepower.

CLARIFICATION

Provided horsepower range is acceptable.

Addendum Item No.11 -

SUBMITTED QUESTION:

Page A-10, A6-11, e, Plow Specification: Front-mounted power reversing plow shall be 30 feet wide, with flared end polyethylene moldboard

Requested for Change: Front-mounted power reversing plow shall be 30 feet wide, with flared end polyethylene moldboard or manufacturer's standard design

Reason: Plow length provided would be 24 feet to accompany a 22 foot broom.

CLARIFICATION

Manufacturer's standard design, meeting the minimum length of 21 (6.4) ft (m), will be accepted.

Addendum Item No.12 -

SUBMITTED QUESTION:

Page B-3, A2a-2, b, 1, Additional door handles Specification: Handles must be installed on lower part of vehicle cab door

Requested for Change: Handles must be installed on lower part of vehicle cab door or manufacturer's standard design

Reason: The M-B unit meets the OSHA 3-point requirement.

Note: This includes all bid specification requirements for Additional door handles

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.13 -

SUBMITTED QUESTION:

Page B-7, A2a-5, 4, Dry material spreaders Specification: Cab shield

Requested for Change: Cab shield or manufacturer's standard design

Reason: A Cab shield is not available for the unit in this bid.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.14 -

SUBMITTED QUESTION:

Page B-7, A2a-5, 7, Dry material spreaders Specification: catwalks.

Requested for Change: Catwalks or manufacturer's standard design.

Reason: Catwalks are not available for the unit in this bid due to a required pre-wetting system.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.15 -

SUBMITTED QUESTION:

Page C-1, A3-2, c, Turning radius Specification: The vehicle turning radius with implements deployed will be a maximum of 45 ft to facilitate turns within current taxiway widths

Requested for Change: The vehicle turning radius with implements deployed will be a maximum of 50 ft to facilitate turns within current taxiway widths

CLARIFICATION

Turning radius of 50 ft is acceptable.

Addendum Item No.16 -

SUBMITTED QUESTION:

Page C-1, A3-2, d, Performance requirements Specification: To comply with (AC 150/5220-20A) 5-3 a, for conventional carrier vehicle controllability and safety, all-wheel drive must be provided.

Requested for Change: To comply with (AC 150/5220-20A) 5-3 a, for conventional carrier vehicle controllability and safety, all-wheel drive must be provided or manufacturer's standard design.

Reason: A 6x4 cab forward design will be provided.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.17 -

SUBMITTED QUESTION:

Page C-8, A3b-4, c, iv, Liquid Pumping System Specification: The Pumping Station shall be mounted low and street side, just behind the operator's door.

Requested for Change: The Pumping Station shall be mounted low and street side, just behind the operator's door or Curb side and at rear.

CLARIFICATION

The Pumping Station shall be mounted low and street side, just behind the operator's door.

Addendum Item No.18 -

SUBMITTED QUESTION:

Page C-9, A3b-4, c, xi, Liquid Pumping System Specification: Spray Boom section shutoffs shall be of a butterfly design, with cab operated hydraulic actuators

Requested for Change: Spray Boom section shutoffs shall be of a butterfly design, with cab operated hydraulic actuators or manufacturer's standard design.

Reason: Nozzles are controlled pneumatically. Boom is split into 5 sections with each one being capable to being controlled independently.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.19 -

SUBMITTED QUESTION:

Page C-9, A3b-4, c, xv, Liquid Pumping System Specification: The runway deicer shall incorporate flush face gasket type fittings on all boom plumbing to prevent leaks and maintain accessibility

Requested for Change: The runway deicer shall incorporate flush face gasket type fittings on all boom plumbing to prevent leaks and maintain accessibility or manufacturer's standard design.

Reason: Utilize Victaulic style connections between pipe sections.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.20 -

SUBMITTED QUESTION:

Page C-9, A3b-4, d, i, Spray Boom & Spray System Specification: Boom to be constructed of stainless steel tubing and have minimum coverage area of 75' feet.

Requested for Change: Boom to be constructed of stainless steel or aluminum tubing and have minimum coverage area of 75' feet.

CLARIFICATION

Stainless steel or aluminum tubing will be accepted.

**Addendum Item No.21 -
SUBMITTED QUESTION:**

Page C-9, A3b-4, d, ii, Spray Boom & Spray System Specification: Wings have hinges mounted on 20-degree angle to allow booms to swing in and upward motion.

Requested for Change: Wings have hinges mounted on 20-degree angle to allow booms to swing in and upward motion or manufacturer's standard design.

Reason: Independent lift and swing controls provided.

CLARIFICATION

Manufacturer's standard design will be accepted.

**Addendum Item No.22 -
SUBMITTED QUESTION:**

Page C-10, A3b-4, d, ix, 6 & 7, Spray Boom & Spray System Specification: Left Boom Raise/Lower, Right Boom Raise/Lower

Requested for Change: Left Boom Raise/Lower, Right Boom Raise/Lower or manufacturer's standard design

Reason: Entire boom rises and lowers together

CLARIFICATION

Manufacturer's standard design will be accepted.

**Addendum Item No.23 -
SUBMITTED QUESTION:**

Page C-10, A3b-4, d, xi, 6 & 7, Spray Boom & Spray System Specification: The streamer nozzles are mounted on fifteen-inch centers and come equipped with rotary on/off position selector.

Requested for Change: The streamer nozzles are mounted on fifteen-inch centers and come equipped with rotary on/off position selector or manufacturer's standard design.

Reason: The streamer nozzles are mounted on 7.5-inch centers and come equipped with Pneumatic on/off position selector.

CLARIFICATION

Manufacturer's standard design will be accepted.

**Addendum Item No.24 -
SUBMITTED QUESTION:**

Page C-10, A3b-4, d, xii, Spray Boom & Spray System Specification: The flood jet nozzles are located on thirty inch spacing and have a small, medium and large flood jet nozzles mounted at the preferred 45 degree angle.

Requested for Change: The flood jet nozzles are located on thirty inch spacing and have a small, medium and large flood jet nozzles mounted at the preferred 45 degree angle or manufacturer's standard design.

Reason: The flood jet nozzles are located on 15 inch spacing and have large flood jet nozzles mounted at the preferred 45 degree angle.

CLARIFICATION

Manufacturer's standard design will be accepted.

Addendum Item No.25 -
SUBMITTED QUESTION:

Page C-10, A3b-4, e, iv, Controls Specification: All wiring shall be enclosed in plastic molding and protected from the elements.

Requested for Change: All wiring shall be enclosed in plastic molding or loom and protected from the elements.

CLARIFICATION

Either enclosure will be acceptable.

Addendum Item No.26 -
SUBMITTED QUESTION:

Page C-11, v, Controls Specification: The control system shall have GPS capability built in.

Requested for Change: The control system shall have GPS capability built in or manufacturer's standard design.

Reason: GPS capability built in, is currently not available for the unit in this bid.

CLARIFICATION

Manufacturer's standard design will be accepted.

SPECIFICATIONS

Addendum Item No.27 -

Remove paragraph 4 of Advertisement to Bid page 1 and replace with paragraph 4 below:

*Bids will be publicly opened and read aloud on **April 17, 2026, at 2:00 pm** at the Airport administrative offices boardroom located on the third floor of the Airport terminal at One Airport Road, Manchester, NH. Each bidder must deposit with his/her bid, security in the amount of 5% of the total bid. A 100% performance and payment bond will be required with the contract. The contract will be awarded to lowest responsive and responsible bidder. The Bidder shall refer to all federal, state, and local bidding requirements within the documents. The Owner reserves the right to waive any informality in the bidding or to reject any or all bids.*

Addendum Item No.28 -

Remove paragraph 1 of Information for Bidders page IB-1 and replace with paragraph 1 below:

1.01 RECEIPT AND OPENING BIDS

*The City of Manchester, Department of Aviation, Manchester, New Hampshire (herein called the Owner), invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Manchester-Boston Regional Airport Administration Office at One Airport Road Manchester, NH until **2:00 pm on April 17, 2026** and then at said office publicly opened and read aloud..*

END OF ADDENDUM #1