



Victoria F. Sheehan
Commissioner

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

MAY 26 '22 PM 3:02 RCVD



William Cass, P.E.
Assistant Commissioner

May 12, 2022
Bureau of Aeronautics

His Excellency, Governor Christopher T. Sununu
and the Honorable Council
State House
Concord, NH 03301

REQUESTED ACTION

Authorize the Pease Development Authority to accept and execute federal grants from the Federal Aviation Administration (FAA) to fund airport maintenance of operations, airport planning and development projects at the Portsmouth International Airport at Pease (Portsmouth) and the Skyhaven Airport (Rochester). Federal participation in the amount of \$1,103,174.10 is effective upon Governor approval through September 30, 2026. 100% Federal Funds (FAA).

Estimated funding is anticipated as follows: FY 2022

04-96-96-960030-1335

FAA Projects

034-500161 New Construction \$1,103,174.10

The Pease Development Authority owns, operates and maintains two airports in New Hampshire, the Portsmouth International Airport and the Skyhaven Airport. Both airports are eligible to receive funding from the FAA Airport Improvement Program (AIP). More recently they are also eligible to receive funds from the Infrastructure Investment and Jobs Act (IIJA). IIJA, also known as Bipartisan Infrastructure Law (BIL) was enacted to authorize up to \$108 billion for public transportation. At the time of the FAA grant application submission, specific funding from BIL was not specifically known for Federal Fiscal Year (FFY) 2022; however, they are included in this request in the event the FAA provides additional funding for these projects.

This request for Governor and Council approval is to allow the Department and the Attorney General's Office to execute all FAA grants issued in FFY 2022. This will include any FAA AIP, BIL and/or emergency funding that the FAA grants in addition to what is outlined in the attached available documentation. FAA grant offer documentation is not available at this time, as it has not been issued by FAA. The AIP documentation are estimates.

The funding listed above is an estimated amount that the Department expects to receive from the FAA through both the Airport Improvement Program (AIP) and BIL. The actual airport grant awards will be submitted to Governor and Council for approval with the actual funding account string and exact amount needed to complete each project.

EXPLANATION

A total federal amount of \$1,103,174.10 is anticipated to be requested from FAA. The FAA may grant less funding or additional funds depending upon project priority and available funds. Additional grant applications to FAA may be submitted by the Pease Development Authority as funding opportunities arise. All AIP funds received from the FAA (90%) are typically matched with State funding (5%) and a local sponsor share (5%). BIL funds may be funded at 100% or 95% federal funds depending on the type of project.

BIL was signed into law on November 15, 2021. BIL will invest \$25 billion nationwide to address maintenance and repair needs, reduce congestion and emissions, and modernize the National Airspace System (NAS). These discretionary funds can be used for airport terminals and control towers.

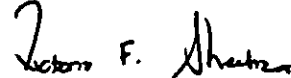
When FAA issues the grant(s), each individual grant will require Governor and Council approval.

In the past, the FAA has issued recovered discretionary funds to the Department at the end of the FFY that were above and beyond the Department's original request for FAA funding. This approval would allow the Department and the Attorney General's Office to sign and accept the FAA funds with the understanding that the actual sub-grants to airports for the projects will require further Governor and Council approval. The FAA may issue multiple grant offers to the Department.

In the event that the Federal Funds are no longer available, General Funds will not be requested to support this program.

Please note that the state funds are from the General Fund and have been previously approved in HB25, 2019, 146:1:XVI- A Capital Budget.

Sincerely,

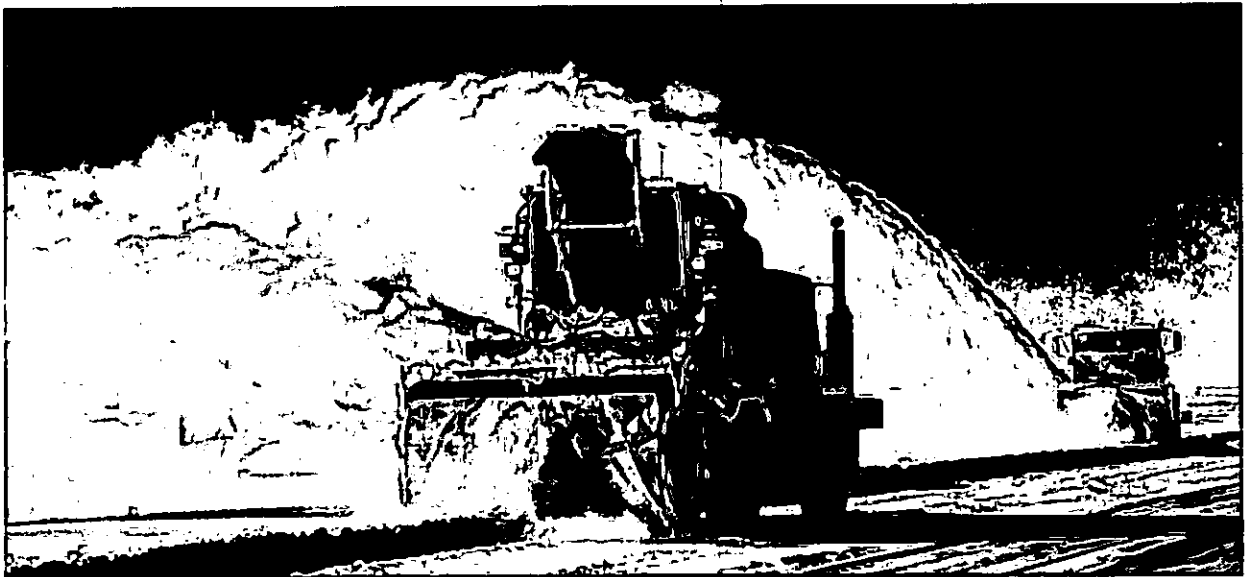


Victoria F. Sheehan
Commissioner

VFS/tls
Attachments:

**PEASE DEVELOPMENT AUTHORITY
PORTSMOUTH INTERNATIONAL AIRPORT**

**Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow &
Carrier Vehicle with Plow & Spreader**



AIP 3-33-0016-TBD-2022

GRANT APPLICATION

TABLE OF CONTENTS

APPLICATION

SF-424 Form - Application for Federal Assistance

FAA Form 5100-100 – Parts II, III, and IV

Supplemental Project Narrative with Costs

Sponsor Certifications

Grant Assurances & AC Checklist

Appendix – Project Cost Back Up

Application for Federal Assistance SF-424

*** 1. Type of Submission:**

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

*** 2. Type of Application:**

- ☒ New
☐ Continuation
☐ Revision

*** If Revision, select appropriate letter(s):**

*** Other (Specify):**

*** 3. Date Received:**

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

AIP 3-33-0016-TBD-2022

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*** a. Legal Name:** Pease Development Authority

*** b. Employer/Taxpayer Identification Number (EIN/TIN):**

02-0440365

*** c. UEI:**

CU4KHENK4JP5

d. Address:

* Street1: 55 International Drive

Street2:

* City: Portsmouth

County/Parish:

* State:

NH: New Hampshire

Province:

* Country:

USA: UNITED STATES

* Zip / Postal Code: 03801-2882

e. Organizational Unit:

Department Name:

Airport

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Ms.

* First Name: Maria

Middle Name:

* Last Name: Stowell

Suffix: P.E.

Title: Engineering Manager

Organizational Affiliation:

* Telephone Number: 603-766-9296

Fax Number:

* Email: M.Stowell@peasedev.org

Application for Federal Assistance SF-424*** 9. Type of Applicant 1: Select Applicant Type:**

A: State Government

Type of Applicant 2: Select Applicant Type:**Type of Applicant 3: Select Applicant Type:***** Other (specify):***** 10. Name of Federal Agency:**

Federal Aviation Administration

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

*** 12. Funding Opportunity Number:**

N/A

*** Title:**

N/A

13. Competition Identification Number:

N/A

Title:

N/A

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

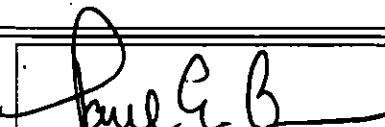
Purchase of new Snow Removal Equipment - Carrier Vehicle with High-Speed Rotary Plow and Carrier Vehicle with Plow and Spreader.

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424	
16. Congressional Districts Of:	
* a. Applicant: <input type="text" value="1st NH"/>	* b. Program/Project: <input type="text" value="1st NH"/>
Attach an additional list of Program/Project Congressional Districts if needed.	
<input type="text"/>	<input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>
17. Proposed Project:	
* a. Start Date: <input type="text" value="09/30/2022"/>	* b. End Date: <input type="text" value="01/31/2024"/>
18. Estimated Funding (\$):	
* a. Federal	<input type="text" value="1,103,174.10"/>
* b. Applicant	<input type="text" value="61,287.45"/>
* c. State	<input type="text" value="61,287.45"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="1,225,749.00"/>
* 19. Is Application Subject to Review By State Under Executive Order 12372 Process? <input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on <input type="text"/> <input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review. <input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.	
* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", provide explanation and attach <input type="text"/> <input type="button" value="Add Attachment"/> <input type="button" value="Delete Attachment"/> <input type="button" value="View Attachment"/>	
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001) <input checked="" type="checkbox"/> ** I AGREE ** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.	
Authorized Representative:	
Prefix: <input type="text" value="Mr."/>	* First Name: <input type="text" value="Paul"/>
Middle Name: <input type="text" value="E."/>	
* Last Name: <input type="text" value="Brean"/>	
Suffix: <input type="text"/>	
* Title: <input type="text" value="Executive Director"/>	
* Telephone Number: <input type="text" value="603-433-6088"/>	Fax Number: <input type="text"/>
* Email: <input type="text" value="P.Brean@peasedev.org"/>	
* Signature of Authorized Representative: 	* Date Signed: <input type="text" value="04/11/2022"/>

Application for Federal Assistance (Development and Equipment Projects)

PART II – PROJECT APPROVAL INFORMATION

Part II - SECTION A	
The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.	
Item 1. Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Item 2. Can Sponsor commence the work identified in the application in the fiscal year the grant is made or within six months after the grant is made, whichever is later?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Item 3. Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Item 4. Will the project(s) covered by this request have impacts or effects on the environment that require mitigating measures? If yes, attach a summary listing of mitigating measures to this application and identify the name and date of the environmental document(s).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Item 5. Is the project covered by this request included in an approved Passenger Facility Charge (PFC) application or other Federal assistance program? If yes, please identify other funding sources by checking all applicable boxes. <input type="checkbox"/> The project is included in an <i>approved</i> PFC application. If included in an approved PFC application, does the application <i>only</i> address AIP matching share? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> The project is included in another Federal Assistance program. Its CFDA number is below.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Item 6. Will the requested Federal assistance include Sponsor indirect costs as described in 2 CFR Appendix VII to Part 200, States and Local Government and Indian Tribe Indirect Cost Proposals? If the request for Federal assistance includes a claim for allowable indirect costs, select the applicable indirect cost rate the Sponsor proposes to apply: <input type="checkbox"/> De Minimis rate of 10% as permitted by 2 CFR § 200.414. <input type="checkbox"/> Negotiated Rate equal to _____ % as approved by _____ (the Cognizant Agency) on _____ (Date) (2 CFR part 200, appendix VII).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<i>Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.</i>	

PART II - SECTION B

Certification Regarding Lobbying

The declarations made on this page are under the signature of the authorized representative as identified in box 21 of form SF-424, to which this form is attached. The term "Sponsor" refers to the applicant name provided in box 8 of the associated SF-424 form.

The Authorized Representative certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Sponsor, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the Authorized Representative shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The Authorized Representative shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

PART II – SECTION C

The Sponsor hereby represents and certifies as follows:

1. Compatible Land Use – The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

Not applicable as this is a vehicle purchase project.

2. Defaults – The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

The Sponsor is not in default on any obligations to the United States.

3. Possible Disabilities – There are no facts or circumstances (including the existence of effective or proposed leases, use agreements or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of the Grant Assurances, either by limiting its legal or financial ability or otherwise, except as follows:

There are no known circumstances that will prevent the successful completion of the project.

4. Consistency with Local Plans – The project is reasonably consistent with plans existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

The Project is consistent with State and local development plans.

5. Consideration of Local Interest – It has given fair consideration to the interest of communities in or near where the project may be located.

The Sponsor has given fair consideration of local interest.

6. Consultation with Users – In making a decision to undertake an airport development project under Title 49, United States Code, it has consulted with airport users that will potentially be affected by the project (§ 47105(a)(2)).

Not applicable. This is a vehicle purchase project and not an airport development project.

7. Public Hearings – In projects involving the location of an airport, an airport runway or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

The project does not meet the above criteria for a public hearing and therefore is not required.

8. Air and Water Quality Standards – In projects involving airport location, a major runway extension, or runway location it will provide for the Governor of the state in which the project is located to certify in writing to the Secretary that the project will be located, designed, constructed, and operated so as to comply with applicable and air and water quality standards. In any case where such standards have not been approved and where applicable air and water quality standards have been promulgated by the Administrator of the Environmental Protection Agency, certification shall be obtained from such Administrator. Notice of certification or refusal to certify shall be provided within sixty days after the project application has been received by the Secretary.

This project does not meet the above criteria for Governor notification and therefore is not required.

PART II – SECTION C (Continued)

9. Exclusive Rights – There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

There is no grant of an exclusive right for the conduct of any aeronautical activity owned or controlled by the Sponsor.

10. Land – (a) The sponsor holds the following property interest in the following areas of land, which are to be developed or used as part of or in connection with the Airport subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit "A". [1]

Not applicable as there are no property interests related to the vehicle purchase.

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.

(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit "A". [1]

Not applicable as there are no property interests related to the vehicle purchase.

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit "A". [1]

Not applicable. No property is to be acquired under this project.

¹ State the character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

PART III – BUDGET INFORMATION – CONSTRUCTION

SECTION A – GENERAL	
1. Assistance Listing Number:	20.106
2. Functional or Other Breakout:	

SECTION B – CALCULATION OF FEDERAL GRANT			
Cost Classification	Latest Approved Amount (Use only for revisions)	Adjustment + or (-) Amount (Use only for revisions)	Total Amount Required
1. Administration expense			\$ 382
2. Preliminary expense			
3. Land, structures, right-of-way			
4. Architectural engineering basic fees			14,127
5. Other Architectural engineering fees			
6. Project inspection fees			
7. Land development			
8. Relocation Expenses			
9. Relocation payments to Individuals and Businesses			
10. Demolition and removal			
11. Construction and project improvement			
12. Equipment			1,211,240
13. Miscellaneous			
14. Subtotal (Lines 1 through 13)			\$ 1,225,750
15. Estimated Income (if applicable)			
16. Net Project Amount (Line 14 minus 15)			1,225,750
17. Less: Ineligible Exclusions (Section C, line 23 g.)			
18. Subtotal (Lines 16 through 17)			\$ 1,225,750
19. Federal Share requested of Line 18			1,103,174
20. Grantee share			61,287
21. Other shares			61,287
22. TOTAL PROJECT (Lines 19, 20 & 21)			\$ 1,225,749

SECTION C – EXCLUSIONS

23. Classification (Description of non-participating work)	Amount Ineligible for Participation
a.	
b.	
c.	
d.	
e.	
f.	
g. Total	

SECTION D – PROPOSED METHOD OF FINANCING NON-FEDERAL SHARE

24. Grantee Share – Fund Categories	Amount
a. Securities	
b. Mortgages	
c. Appropriations (by Applicant)	
d. Bonds	
e. Tax Levies	
f. Non-Cash	
g. Other (Explain):	
h. TOTAL - Grantee share	
25. Other Shares	Amount
a. State	61,288
b. Other	61,288
c. TOTAL - Other Shares	\$ 122,576
26. TOTAL NON-FEDERAL FINANCING	\$ 122,576

SECTION E – REMARKS

(Attach sheets if additional space is required)

I hereby certify that the Exhibit "A" Property Map dated November 30, 2017, submitted with AIP Project #3-33-0016-062-2018, reflects to the best of my knowledge, the current information as of this date.

The above mentioned Exhibit "A" Property Map is, therefore, incorporated into this Grant Application by reference and made a part thereof.

PART IV – PROGRAM NARRATIVE
(Suggested Format)

PROJECT: Purchase SRE Equipment

AIRPORT: Portsmouth International Airport at Pease

1. Objective:

See attached Part IV Program Narrative Statement.

2. Benefits Anticipated:

See attached Part IV Program Narrative Statement.

3. Approach: (See approved Scope of Work in Final Application)

See attached Part IV Program Narrative Statement.

4. Geographic Location:

See attached Part IV Program Narrative Statement.

5. If Applicable, Provide Additional Information:

See attached Part IV Program Narrative Statement.

6. Sponsor's Representative: (include address & telephone number)

See attached Part IV Program Narrative Statement.

Part IV – SUPPLEMENTAL PROGRAM NARRATIVE STATEMENT

Application for Federal Assistance

Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader

**Pease Development Authority
Portsmouth International Airport
3-33-0016-TBD-2022**

GENERAL PROJECT DESCRIPTION

The Pease Development Authority desires to purchase new snow removal equipment (SRE). The SRE purchase is intended to be a (1) carrier vehicle with integrated high-speed rotary plow and (2) a carrier vehicle with spreader and a plow. The new SRE equipment will replace equipment that has been in use for 20 years or more. The current equipment is no longer reliable, and the purchase will ensure efficient snow removal from Priority 1 areas within the established PPRs.

The method of award for this project allowed for the Pease Development Authority to select the lowest qualified bid for each piece of equipment being purchased. This was done to not exclude bidders who were only able to bid on one item and not the other. The result of this is one low bidder for each Item #1 (Carrier Vehicle with High-Speed Rotary Plow) and Item #2 (Carrier Vehicle with Plow & Spreader).

The apparent low bidder for Item #1: Carrier Vehicle with High-Speed Rotary Plow is MB Companies, Inc. The apparent low bidder for Item #2: Carrier Vehicle w/ Plow & Spreader is Wausau Equipment Company, Inc. However, this bidder has been deemed to be responsible, but not responsive due to material deviations per FAA AIP Handbook (Order 5100.38D Change 1) Table U-8 Paragraph 5.a.i. Therefore, the sponsor intends to award Item #2 to the next lowest bidder, MB Companies, Inc. This will result in one contract under this grant.

GEOGRAPHIC LOCATION

The location of the project is Portsmouth International Airport at Pease in Portsmouth, New Hampshire.

SPONSORS REPRESENTATIVE

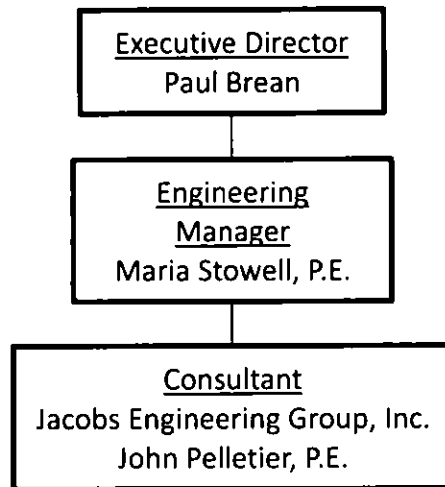
Maria Stowell, P.E.

Engineering Manager

Phone: 603-766-9296

E-Mail: M.Stowell@peasedev.org

Organizational Chart



COST BREAKDOWNS

Refer to the attached Project Costs.

PROJECT SCHEDULE

Milestones include: Bidding April 4, 2022. Equipment delivery anticipated 450 days after NTP.

ENVIRONMENTAL STATUS

This project is categorically excluded under FAA Order 1050.1F section 5-6.3.h. and the extraordinary circumstances of section 5-2 do not apply.

DBE STATUS

Portsmouth International Airport (PSM) DBE Plan for FY 2022-2024 has been approved by the FAA. The PSM DBE goal is 1.8% for FY2022. The subject project is anticipated to have 0% DBE participation as reflected on the approved DBE Plan.

COORDINATION WITH STATE, LOCAL AND FEDERAL AGENCIES

The Pease Development Authority has coordinated with the NH Department of Transportation and the FAA on the project.

Coordination with US Fish & Wildlife, Tribal Historic Preservation Offices, and Coastal Zone Management is not applicable as the acquisition of the SRE vehicle will not impact any area on airport property.

The project is not subject to E.O. 12372 Intergovernmental Review as the project consists of SRE vehicle acquisition.

EXHIBIT "A" STATEMENT:

The Exhibit "A" Property Map dated November 30, 2017 and attached to the Grant Application for AIP Project #3-33-0016-062-2018, reflects the current information as of this date.

The above-mentioned Exhibit "A" Property Map is, therefore, incorporated into this Grant Application by reference and made a part thereof.

PROJECT COSTS
Application for Federal Assistance

PURCHASE SRE EQUIPMENT
The Pease Development Authority
Portsmouth International Airport
Portsmouth, NH
3-33-0016-TBD-2022

Project Cost

The project costs are summarized below:

Administration Expense

Spec Preparation, Advertising.....	\$	382.00
Subtotal.....	\$	382.00

Preliminary Expense

NA.....	\$	-
Subtotal	\$	-

Architectural Engineering Fees

Jacobs Engineering Group (Specification Development, Bidding and General Admin.).....	\$	14,127.00
Subtotal	\$	14,127.00

Project Inspection Fees

NA.....	\$	-
Subtotal	\$	-

Construction and Project Improvement

Equipment	\$	1,211,240.00
Subtotal	\$	1,211,240.00

Force Account

NA.....	\$	-
Subtotal	\$	-

Total	\$	1,225,749.00
--------------------	-----------	---------------------

Non-Eligible.....	\$	-
--------------------------	-----------	----------

Total Eligible.....	\$	1,225,749.00
----------------------------	-----------	---------------------

The project funding shall be broken out as described below:

Federal Share (90% of Eligible).....	\$	1,103,174.10
State Share (5% of Eligible).....	\$	61,287.45
Local Share (5% Eligible).....	\$	61,287.45
TOTAL.....	\$	1,225,749.00

**Snow and Ice Removal Equipment Justification
Snow and Ice Removal Equipment Inventory
Portsmouth International Airport at Pease (PSM)
Portsmouth, NH
Date Prepared: 2/18/2022**

Step 1: Compute Quantity of Snow to be Removed

Use FAA AC 150/5200-30 paragraph 1.4a to compute the "Priority 1" snow-removal areas to be kept clear during a storm.

	Area (SF)
Primary Runway	2,271,724
Taxiway Stub(s) from Primary Runway to Parallel Taxiway or Apron	
Primary Runway's Parallel Taxiway (if exists)	1,935,976
Terminal (and Cargo) Apron(s)	522,854
Aircraft Rescue and Fire Fighting Station and Access Roads/Gates	168,360
Emergency Service Road(s)	
Navigational Aid(s) and their Critical Area(s)	
Aircraft Fueling Area(s)	245,318
Airport Security/Surveillance Road(s)	
Other Areas Critical to Keep Clear DURING a Storm	130,772
A TOTAL AREA TO BE KEPT CLEAR OF SNOW DURING A STORM	5,275,004

Note: Please refer to the identified FAA Advisory Circulars for more specifics. This format is only intended to provide a simplified method for documenting the need for airport snow-removal equipment. Please confirm all calculations and recommendations contained herein.

Step 2: Define Snow Clearance Times During a Storm

Use FAA AC 150/5200-30 Table 1-1 to compute the time to clear snow from "Priority 1" areas.

	Commercial Airport or Non-Commercial Airport (i.e., airlines?)	Yes or No
	Approximate Number of Annual Operations	58,701
	Approximate Annual Snowfall Amount (inches)	53
B	Determine Clearance Time (hours) from Tables 1-1 or 1-2 in AC	0.50

Step 3: Compute Minimum Quantity of Snow to be Removed During a Storm

Use FAA AC 150/5220-20 Figure 2-3 to compute the quantity of snow to be removed from "Priority 1" areas.

C	Assumed Snow Depth when Clearing Activities Must Start	1 inch
D	Assumed Equipment Efficiency	70%
E	Assumed Snow Density	25 pounds/cubic foot
	(area of snow) x (depth of snow) x (density of snow) / 24,000 x (Rotary Plow Efficiency)x(Time (hrs)) = tons of snow/hour	
	Minimum Quantity of Snow to Remove	15,699 tons/hour

Step 4: Determine Minimum Number and Size of Snow-Removal Equipment Eligible for AIP Funding

Use FAA AC 150/5220-20 paragraph 2-3 to determine equipment types, numbers and sizes.

Rotary Snow Plow Parameters		
Minimum Casting Capacity (tons/hour)	15,699	See calculation above
Minimum Casting Distance (feet)	100	Ref. Table 2-3 of AC 150/5220-20A
Other Considerations (e.g., storage building door size)	29' wide SRE Doors, 42' Length max per SRE bays	
Select Rotary Snow Plow(s)		
Number of Rotary Snow Plows	1	Ref. Paragraph 2-3 of AC 150/5220-20A
Size of Each Rotary Snow Plow	VI	Ref. Table 2-3 of AC 150/5220-20A. >5,000 tons/hr
Snow Plow Parameters		
Typical Angle of Attack of the Plow's Cutting Edge to Travel Direction (degrees)	35	
Speed of Rotary Snow Plow Operations (MPH)	25	Ref. SAE ARP 5539, para 3.37
Other Considerations (e.g., storage building door size)	29' wide SRE Doors, 42' Length max per SRE bays	
Select Snow Plow(s) - see notes below		
Number of Snow Plows	2	Ref. Table 2-2 of AC 150/5220-20A
Size of Each Snow Plow Blade	24	

Note 1: for non-commercial airports having over 10,000 annual operations and greater than 15 inches of snow, two (2) snow plows are eligible per rotary snow plow.

Note 2: for non-commercial airports having 10,000 or fewer annual operations and greater than 30 inches of snow, two (2) snow plows are eligible per rotary snow plow.

Snow and Ice Removal Equipment Justification
Snow and Ice Removal Equipment Inventory
Portsmouth International Airport at Pease (PSM)
Portsmouth, NH

Date Prepared: 2/18/2022

Plow Effective Blade Length & Clearing Rate	
Snow Depth (Inches)	1
Speed of Plow Operations (MPH)	25
Assumed Snow Density (pounds/cubic foot)	25
Actual Blade Length	22
Effective Blade Length (35 Degree Cutting) per AC 150/5220-20A Figure 2-8	19
Displacement (tons/hrs)	2,613

$$b_e = \left[\frac{(O)(Eff_p)}{(d)(V)(p)(Eff_r)} \right] \times 4.545$$

b_e = "Effective" blade length (in feet)
 O = displacement (in tons/hrs)
 d = snow depth (in inches)
 V = operating speed (in mph)
 p = snow density (in lbs/ft³)
 Eff_r = rotary plow efficiency (in percent)
 Eff_p = snow plow efficiency (in percent)

Other Supporting Snow-Removal Equipment Justified	Quantity/Size
Front-Wheel Loader or Industrial 4x4 Tractor	
Dry Material Spreader/Hopper	
Liquid Material Spreader/Hopper	
Runway Sweeper/Rotary Broom	
Snow Bucket/Basket	
Other (requires justification and approval)	

Step 5: List Existing Snow-Removal Equipment Fleet

Make and Model of Equipment	Year Acquired	If AIP Funded, List Project Number	Year Eligible for Replacement
MB 22ft plow with 6yd sander**	2022	AIP 3-33-0016-069-2021	2032
Oshkosh P-Series 22ft plow with 6yd sander*	1994	AIP 3-33-0016-6-1993	2004
Oshkosh/MB dedicated 18ft broom	2003	AIP 3-33-0016-26-2003	2013
Oshkosh/MB dedicated 18ft broom	2003	AIP 3-33-0016-26-2003	2013
Oshkosh/MB MTE 24FT PLOW/22FT BROOM	2007	AIP 3-33-0016-37-2007	2017
Oshkosh/MB MTE 24FT PLOW/22FT BROOM	2007	AIP 3-33-0016-37-2007	2017
Oshkosh/MB MTE 24FT PLOW/22FT BROOM	2007	AIP 3-33-0016-37-2003	2017
Oshkosh/MB MTE 24FT PLOW/22FT BROOM	2008	AIP 3-33-0016-40-2009	2018
Oshkosh/MB MTE 24FT PLOW/22FT BROOM	2010	AIP 3-33-0016-40-2009	2018
Oshkosh H-Series Blower**	2022	AIP 3-33-0016-069-2021	2032
Oshkosh Blower*	2002	AIP 3-33-0016-24-2001	2012
John Deer Loader	2008	AIP 3-33-0016-40-2009	2018
Volvo Loader	2008	AIP 3-33-0016-40-2009	2018
*Equipment to be replaced FY'22			

**Pending delivery 2022/2023

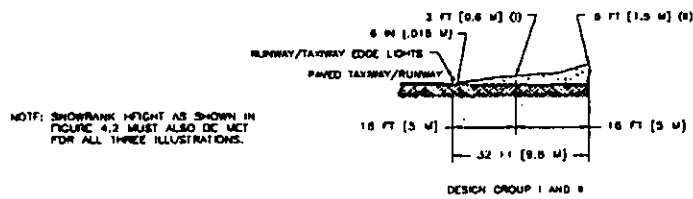
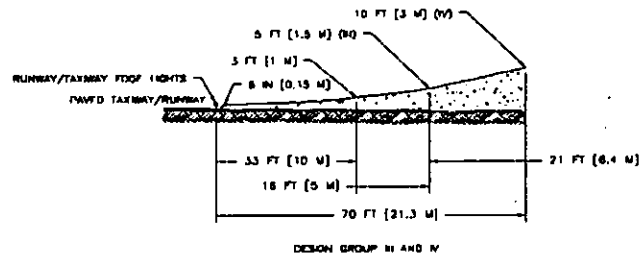
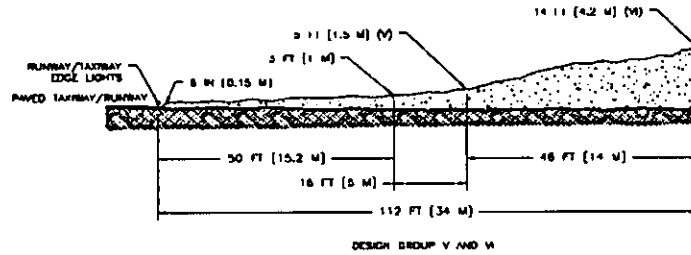
Step 6: Identify Which New Equipment is Being Requested Now with AIP Funding

List only those pieces of equipment (1) not currently in inventory but AIP eligible, and/or (2) eligible for replacement using AIP funds.

Type of Equipment Being Requested	Quantity	Size
High-Speed Rotary Plow	1	VI (5,000 Ton/hr)
Plow and Spreader w/ Carrier Vehicle	1	22-foot plow, 6 yd spreader

Snow and Ice Removal Equipment Justification
 Snow and Ice Removal Equipment Inventory
 Portsmouth International Airport at Pease (PSM)
 Portsmouth, NH
 Date Prepared: 2/18/2022

Figure 4-1. Snow Bank Profile Limits Along Edges of Runways and Taxiways with the Airplane Wheels on Full Strength Pavement (see Figure 4-2 guidance)



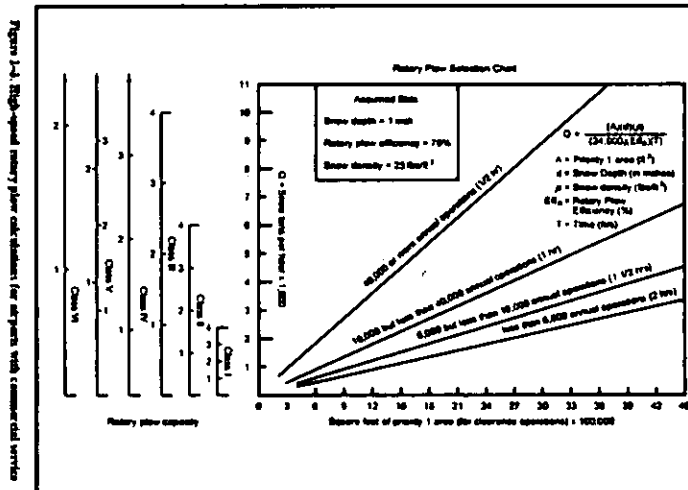
NOTE: SNOWBANK HEIGHT AS SHOWN IN FIGURE 4.2 MUST ALSO BE MET FOR ALL THREE ILLUSTRATIONS.

Table 1-1. Clearance Times for Commercial Service Airports

Annual Airplane Operations (includes cargo operations)	Clearance Time ¹ (hour)
40,000 or more	1/2
10,000 – but less than 40,000	1
6,000 – but less than 10,000	1 1/2
Less than 6,000	2

General: Commercial Service Airport means a public-use airport that the U.S. Secretary of Transportation determines has at least 2,500 passenger boardings each year and that receives scheduled passenger airplane service [see 49 U.S.C. 47102(7)].

Footnote 1: These airports should have sufficient equipment to clear 1 inch (2.54 cm) of falling snow weighing up to 25 lb/ft³ (400 kg/m³) from Priority 1 areas within the targeted clearance times.



Operations
 Air Carrier: 1,322
 Air Taxi: 8,839
 General Aviation Local: 40,810
 General Aviation Itinerant: 3,013
 Military: 4,717
 Operations for 12 Months Ending: 09/30/2019

2-3. Minimum snow removal and ice control equipment requirements.

a. **Commercial service airports.** For commercial service airports that provide scheduled air carrier service, at least one high-speed rotary plow is recommended. Supplement this high-speed rotary plow with at least two snow plows having equal snow removal capacity. In addition to this tandem grouping, for each 750,000 ft² (70,000 m²) of pavement area declared as Priority 1, one towed or self-propelled runway broom with air-blast and one solid material spreader for sand and/or one for applying solid deicing/anti-icing chemicals is recommended. If a liquid deicing/anti-icing chemical is used in lieu of, or in addition to, a solid deicing/anti-icing chemical, a minimum of one liquid deicing/anti-icing chemical spraying vehicle is recommended. Paragraphs 2-4 and 2-5 provide the selection criteria to determine the number and types of high-speed rotary plows and snow plows by using a second step.

Table 1-1. Clearance Times for Commercial Service Airports

Annual Airplane Operations (includes cargo operations)	Clearance Time ¹ (hour)
---	---------------------------------------

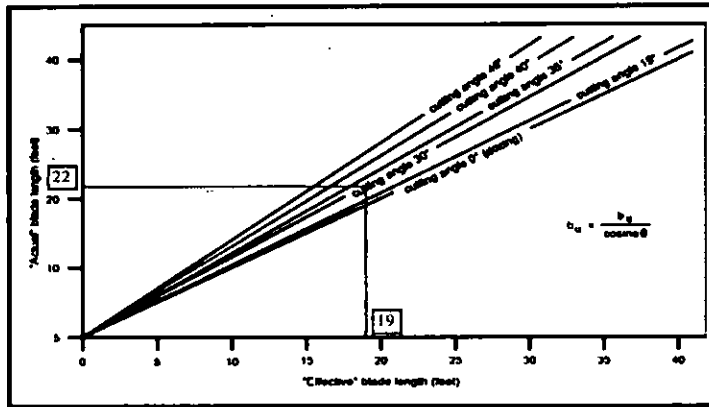


Figure 2-8. Effective versus actual snow plow blade length

Table 2-3. High-speed rotary plow performance

High-Speed Rotary Plows			
Size	Class	Minimum Casting Distance Feet (m)	Minimum Capacity Tons/hour (metric tons/hour)
Small	I	50 (15)	Up to 600 (550)
Medium	II	75 (23)	1500 (1360)
Intermediate	III	100 (31)	2500 (2270)
Large	IV	100 (31)	3000 (2730)
Very Large	V	100 (31)	4000 (3640)
		150 (46)	3000 (2730)
Extra Large	VI	100 (31)	5000 (4550) or more

Table 1-1. Clearance Times for Commercial Service Airports

Annual Airplane Operations (Includes cargo operations)	Clearance Time ¹ (hour)
---	---------------------------------------

Downloaded from SAE International by United Nations, Wednesday, January 13, 2016

SAE

ARP5538

Page 8 of 58

3.31 Gear Ratio:

The ratio of the speed of the input to a gear to the speed of the output from the gear. For a pair of gears, the ratio is found by dividing the number of teeth on the driven gear by the number of teeth on the driving gear.

3.32 Geared Speed:

The theoretical vehicle speed based on maximum governed engine RPM, transmission gear ratio(s), driving axle ratio, and tire size.

3.33 Gears, Single and Multiple Reduction:

Single reduction gearing refers to one speed reduction through the gearing component. Multiple reduction refers to more than one step of speed reduction through the gearing component.

3.34 Gradeability:

The percent grade that a vehicle will negotiate.

3.35 GVWR:

Abbreviation for Gross Vehicle Weight Rating. The sum of the Gross Axle Weight Ratings (GAWR).

3.36 HID Light:

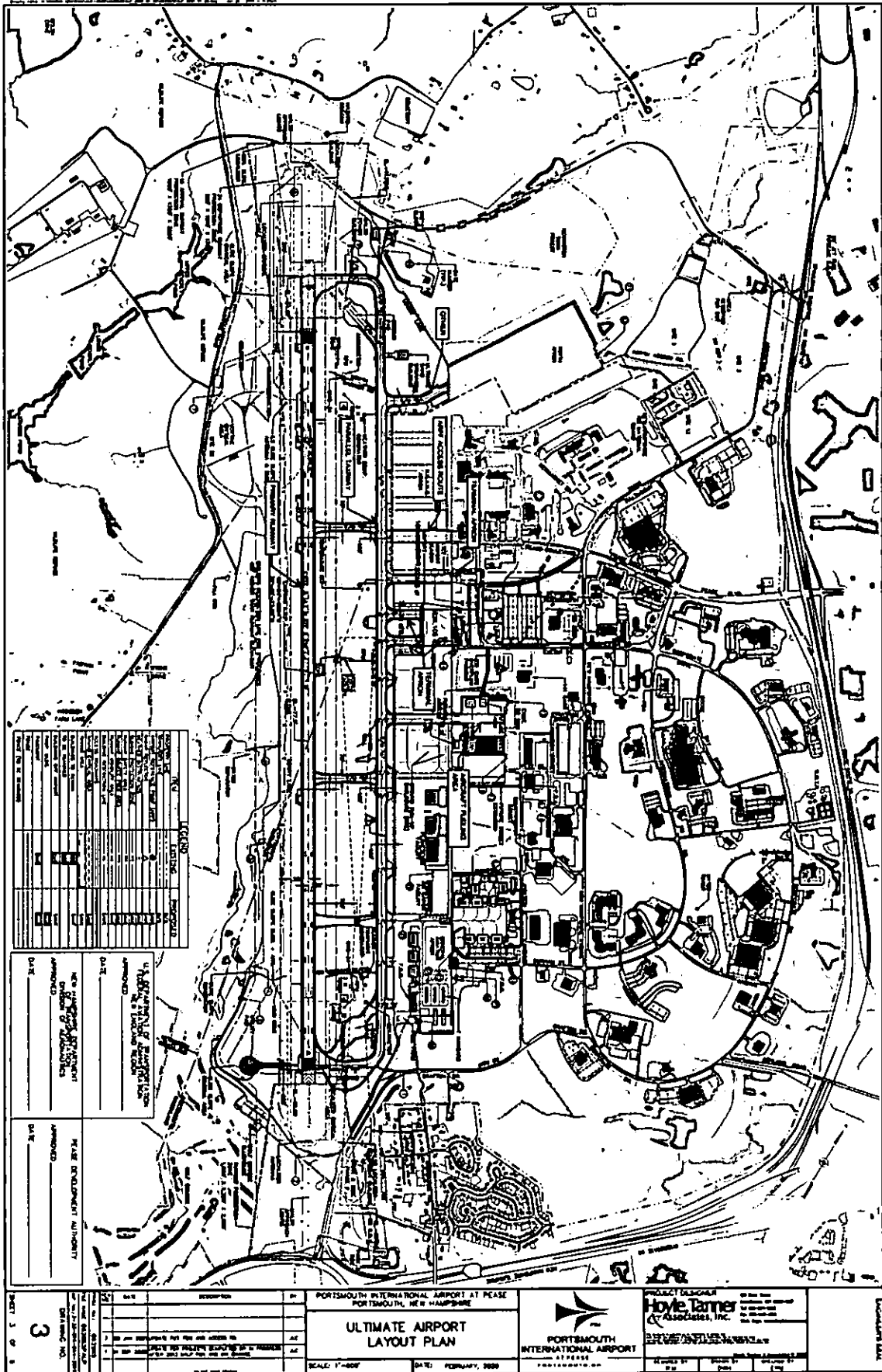
Acronym for High Intensity Discharge light. Light created by electric arc, not a filament in a light bulb.

3.37 High Speed:

All High-Speed Rotary Snowplow must be designed to perform at its maximum Capacity Rating while operating at a forward speed of at least 20 mph.

3.38 Hitch:

A device to couple/uncouple a working head or appliance to its carrier vehicle. A hitch may be provided with dedicated units to improve maneuverability, entry and exit through narrow doors, and/or improved maintainability.



Drug-Free Workplace Airport Improvement Program Sponsor Certification

Sponsor: Pease Development Authority

Airport: Portsmouth International Airport

Project Number: AIP 3-33-0016-TBD-2022

Description of Work: Purchase Snow Removal Equipment (SRE) - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader.

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements on the drug-free workplace within federal grant programs are described in 2 CFR part 182. Sponsors are required to certify they will be, or will continue to provide, a drug-free workplace in accordance with the regulation. The AIP project grant agreement contains specific assurances on the Drug-Free Workplace Act of 1988.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. A statement has been or will be published prior to commencement of project notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the sponsor's workplace, and specifying the actions to be taken against employees for violation of such prohibition (2 CFR § 182.205).

☒ Yes ☐ No ☐ N/A

2. An ongoing drug-free awareness program (2 CFR § 182.215) has been or will be established prior to commencement of project to inform employees about:

- a. The dangers of drug abuse in the workplace;
- b. The sponsor's policy of maintaining a drug-free workplace;
- c. Any available drug counseling, rehabilitation, and employee assistance programs; and
- d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.

☒ Yes ☐ No ☐ N/A

3. Each employee to be engaged in the performance of the work has been or will be given a copy of the statement required within item 1 above prior to commencement of project (2 CFR § 182.210).

☒ Yes ☐ No ☐ N/A

4. Employees have been or will be notified in the statement required by item 1 above that, as a condition employment under the grant (2 CFR § 182.205(c)), the employee will:

- a. Abide by the terms of the statement; and
- b. Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.

☒ Yes ☐ No ☐ N/A

5. The Federal Aviation Administration (FAA) will be notified in writing within 10 calendar days after receiving notice under item 4b above from an employee or otherwise receiving actual notice of such conviction (2 CFR § 182.225). Employers of convicted employees must provide notice, including position title of the employee, to the FAA (2 CFR § 182.300).

☒ Yes ☐ No ☐ N/A

6. One of the following actions (2 CFR § 182.225(b)) will be taken within 30 calendar days of receiving a notice under item 4b above with respect to any employee who is so convicted:

- a. Take appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; and
- b. Require such employee to participate satisfactorily in drug abuse assistance or rehabilitation programs approved for such purposes by a federal, state, or local health, law enforcement, or other appropriate agency.

☒ Yes ☐ No ☐ N/A

7. A good faith effort will be made, on a continuous basis, to maintain a drug-free workplace through implementation of items 1 through 6 above (2 CFR § 182.200).

☒ Yes ☐ No ☐ N/A

Site(s) of performance of work (2 CFR § 182.230):

Location 1

Name of Location: Pease Development Authority

Address: 55 International Drive, Portsmouth, NH 03801

Location 2 (if applicable)

Name of Location: Jacobs Engineering Group, Inc.

Address: 2 Executive Park Drive, Suite 205, Bedford, NH 03110

Location 3 (if applicable)

Name of Location:

Address:

Attach documentation clarifying any above item marked with a "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this 11 day of April, 2022

Name of Sponsor: Pease Development Authority

Name of Sponsor's Authorized Official: Paul E. Brean

Title of Sponsor's Authorized Official: Executive Director

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.



Certification and Disclosure Regarding Potential Conflicts of Interest Airport Improvement Program Sponsor Certification

Sponsor: Pease Development Authority

Airport: Portsmouth International Airport

Project Number: AIP 3-33-0016-TBD-2022

Description of Work: Purchase Snow Removal Equipment (SRE) - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader.

Application

Title 2 CFR § 200.112 and § 1201.112 address Federal Aviation Administration (FAA) requirements for conflict of interest. As a condition of eligibility under the Airport Improvement Program (AIP), sponsors must comply with FAA policy on conflict of interest. Such a conflict would arise when any of the following have a financial or other interest in the firm selected for award:

- a) The employee, officer or agent,
- b) Any member of his immediate family,
- c) His or her partner, or
- d) An organization which employs, or is about to employ, any of the above.

Selecting "Yes" represents sponsor or sub-recipient acknowledgement and confirmation of the certification statement. Selecting "No" represents sponsor or sub-recipient disclosure that it cannot fully comply with the certification statement. If "No" is selected, provide support information explaining the negative response as an attachment to this form. This includes whether the sponsor has established standards for financial interest that are not substantial or unsolicited gifts are of nominal value (2 CFR § 200.318(c)). The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance.

Certification Statements

1. The sponsor or sub-recipient maintains a written standards of conduct governing conflict of interest and the performance of their employees engaged in the award and administration of contracts (2 CFR § 200.318(c)). To the extent permitted by state or local law or regulations, such standards of conduct provide for penalties, sanctions, or other disciplinary actions for violations of such standards by the sponsor's and sub-recipient's officers, employees, or agents, or by contractors or their agents.

☒ Yes ☐ No

2. The sponsor's or sub-recipient's officers, employees or agents have not and will not solicit or accept gratuities, favors or anything of monetary value from contractors, potential contractors, or parties to sub-agreements (2 CFR § 200.318(c)).

☒ Yes ☐ No

3. The sponsor or sub-recipient certifies that it has disclosed and will disclose to the FAA any known potential conflict of interest (2 CFR § 1200.112).

☒ Yes ☐ No

Attach documentation clarifying any above item marked with "no" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have the explanation for any item marked "no" is correct and complete.

Executed on this 11 day of April, 2022.

Name of Sponsor: Pease Development Authority

Name of Sponsor's Authorized Official: Paul E. Brean

Title of Sponsor's Authorized Official: Executive Director

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION

Pease Development Authority

* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

Prefix: Mr. * First Name: Paul Middle Name: E.
* Last Name: Brean Suffix:
* Title: Executive Director

* SIGNATURE:

* DATE: 04/11/2022

Selection of Consultants

Airport Improvement Program Sponsor Certification

Sponsor: Pease Development Authority

Airport: Portsmouth International Airport

Project Number: AIP 3-33-0016-TBD-2022

Description of Work: Purchase Snow Removal Equipment (SRE) - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader.

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements for selection of consultant services within federal grant programs are described in 2 CFR §§ 200.317-200.326. Sponsors may use other qualifications-based procedures provided they are equivalent to standards of Title 40 chapter 11 and FAA Advisory Circular 150/5100-14, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. Sponsor acknowledges their responsibility for the settlement of all contractual and administrative issues arising out of their procurement actions (2 CFR § 200.318(k)).
☒ Yes ☐ No ☐ N/A
2. Sponsor procurement actions ensure or will ensure full and open competition that does not unduly limit competition (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A
3. Sponsor has excluded or will exclude any entity that develops or drafts specifications, requirements, or statements of work associated with the development of a request-for-qualifications (RFQ) from competing for the advertised services (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A

4. The advertisement describes or will describe specific project statements-of-work that provide clear detail of required services without unduly restricting competition (2 CFR § 200.319).
☒ Yes ☐ No ☐ N/A
5. Sponsor has publicized or will publicize a RFQ that:
a. Solicits an adequate number of qualified sources (2 CFR § 200.320(d)); and
b. Identifies all evaluation criteria and relative importance (2 CFR § 200.320(d)).
☒ Yes ☐ No ☐ N/A
6. Sponsor has based or will base selection on qualifications, experience, and disadvantaged business enterprise participation with price not being a selection factor (2 CFR § 200.320(d)).
☒ Yes ☐ No ☐ N/A
7. Sponsor has verified or will verify that agreements exceeding \$25,000 are not awarded to individuals or firms suspended, debarred or otherwise excluded from participating in federally assisted projects (2 CFR §180.300).
☒ Yes ☐ No ☐ N/A
8. A/E services covering multiple projects: Sponsor has agreed to or will agree to:
a. Refrain from initiating work covered by this procurement beyond five years from the date of selection (AC 150/5100-14); and
b. Retain the right to conduct new procurement actions for projects identified or not identified in the RFQ (AC 150/5100-14).
☒ Yes ☐ No ☐ N/A
9. Sponsor has negotiated or will negotiate a fair and reasonable fee with the firm they select as most qualified for the services identified in the RFQ (2 CFR § 200.323).
☒ Yes ☐ No ☐ N/A
10. The Sponsor's contract identifies or will identify costs associated with ineligible work separately from costs associated with eligible work (2 CFR § 200.302).
☒ Yes ☐ No ☐ N/A
11. Sponsor has prepared or will prepare a record of negotiations detailing the history of the procurement action, rationale for contract type and basis for contract fees (2 CFR §200.318(i)).
☒ Yes ☐ No ☐ N/A
12. Sponsor has incorporated or will incorporate mandatory contract provisions in the consultant contract for AIP-assisted work (49 U.S.C. Chapter 471 and 2 CFR part 200 Appendix II)
☒ Yes ☐ No ☐ N/A

13. For contracts that apply a time-and-material payment provision (also known as hourly rates, specific rates of compensation, and labor rates), the Sponsor has established or will establish:

- a. Justification that there is no other suitable contract method for the services (2 CFR §200.318(j));
- b. A ceiling price that the consultant exceeds at their risk (2 CFR §200.318(j)); and
- c. A high degree of oversight that assures consultant is performing work in an efficient manner with effective cost controls in place 2 CFR §200.318(j)).

☒ Yes ☐ No ☐ N/A

14. Sponsor is not using or will not use the prohibited cost-plus-percentage-of-cost (CPPC) contract method. (2 CFR § 200.323(d)).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "no" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Executed on this 11 day of April , 2022

Name of Sponsor: Pease Development Authority

Name of Sponsor's Authorized Official: Paul E. Brean

Title of Sponsor's Authorized Official: Executive Director

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.



Project Plans and Specifications

Airport Improvement Program Sponsor Certification

Sponsor: Pease Development Authority

Airport: Portsmouth International Airport

Project Number: AIP 3-33-0016-TBD-2022

Description of Work: Purchase Snow Removal Equipment (SRE) - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader.

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). Labor and civil rights standards applicable to AIP are established by the Department of Labor (www.dol.gov/). AIP Grant Assurance C.1—General Federal Requirements identifies applicable federal laws, regulations, executive orders, policies, guidelines and requirements for assistance under AIP. A list of current advisory circulars with specific standards for procurement, design or construction of airports, and installation of equipment and facilities is referenced in standard airport sponsor Grant Assurance 34 contained in the grant agreement.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. The plans and specifications were or will be prepared in accordance with applicable federal standards and requirements, so that no deviation or modification to standards set forth in the advisory circulars, or FAA-accepted state standard, is necessary other than those explicitly approved by the Federal Aviation Administration (FAA) (14 USC § 47105).
☒ Yes ☐ No ☐ N/A
2. Specifications incorporate or will incorporate a clear and accurate description of the technical requirement for the material or product that does not contain limiting or proprietary features that unduly restrict competition (2 CFR §200.319).
☒ Yes ☐ No ☐ N/A

3. The development that is included or will be included in the plans is depicted on the current airport layout plan as approved by the FAA (14 USC § 47107).
☐ Yes ☐ No ☒ N/A
4. Development and features that are ineligible or unallowable for AIP funding have been or will be omitted from the plans and specifications (FAA Order 5100.38, par. 3-43).
☒ Yes ☐ No ☐ N/A
5. The specification does not use or will not use "brand name" or equal to convey requirements unless sponsor requests and receives approval from the FAA to use brand name (FAA Order 5100.38, Table U-5).
☒ Yes ☐ No ☐ N/A
6. The specification does not impose or will not impose geographical preference in their procurement requirements (2 CFR §200.319(b) and FAA Order 5100.38, Table U-5).
☒ Yes ☐ No ☐ N/A
7. The use of prequalified lists of individuals, firms or products include or will include sufficient qualified sources that ensure open and free competition and that does not preclude potential entities from qualifying during the solicitation period (2 CFR §319(d)).
☐ Yes ☐ No ☒ N/A
8. Solicitations with bid alternates include or will include explicit information that establish a basis for award of contract that is free of arbitrary decisions by the sponsor (2 CFR § 200.319(a)(7)).
☒ Yes ☐ No ☐ N/A
9. Concurrence was or will be obtained from the FAA if Sponsor incorporates a value engineering clause into the contract (FAA Order 5100.38, par. 3-57).
☒ Yes ☐ No ☐ N/A
10. The plans and specifications incorporate or will incorporate applicable requirements and recommendations set forth in the federally approved environmental finding (49 USC §47106(c)).
☐ Yes ☐ No ☒ N/A
11. The design of all buildings comply or will comply with the seismic design requirements of 49 CFR § 41.120. (FAA Order 5100.38d, par. 3-92)
☐ Yes ☐ No ☒ N/A
12. The project specification include or will include process control and acceptance tests required for the project by as per the applicable standard:
a. Construction and installation as contained in Advisory Circular (AC) 150/5370-10.
☐ Yes ☐ No ☒ N/A

b. Snow Removal Equipment as contained in AC 150/5220-20.

☒ Yes ☐ No ☐ N/A

c. Aircraft Rescue and Fire Fighting (ARFF) vehicles as contained in AC 150/5220-10.

☐ Yes ☐ No ☒ N/A

13. For construction activities within or near aircraft operational areas(AOA):

a. The Sponsor has or will prepare a construction safety and phasing plan (CSPP) conforming to Advisory Circular 150/5370-2.

b. Compliance with CSPP safety provisions has been or will be incorporated into the plans and specifications as a contractor requirement.

c. Sponsor will not initiate work until receiving FAA's concurrence with the CSPP (FAA Order 5100.38, Par. 5-29).

☐ Yes ☐ No ☒ N/A

14. The project was or will be physically completed without federal participation in costs due to errors and omissions in the plans and specifications that were foreseeable at the time of project design (49 USC §47110(b)(1) and FAA Order 5100.38d, par. 3-100).

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this 11 day of April, 2022

Name of Sponsor: Pease Development Authority

Name of Sponsor's Authorized Official: Paul E. Brean

Title of Sponsor's Authorized Official: Executive Director

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Equipment and Construction Contracts Airport Improvement Sponsor Certification

Sponsor: Pease Development Authority

Airport: Portsmouth International Airport

Project Number: AIP 3-33-0016-TBD-2022

Description of Work: Purchase Snow Removal Equipment (SRE) - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader.

Application

49 USC § 47105(d) authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General procurement standards for equipment and construction contracts within Federal grant programs are described in 2 CFR §§ 200.317-200.326. Labor and Civil Rights Standards applicable to the AIP are established by the Department of Labor (www.dol.gov) AIP Grant Assurance C.1—General Federal Requirements identifies all applicable Federal Laws, regulations, executive orders, policies, guidelines and requirements for assistance under the AIP. Sponsors may use state and local procedures provided the procurement conforms to these federal standards.

This certification applies to all equipment and construction projects. Equipment projects may or may not employ laborers and mechanics that qualify the project as a "covered contract" under requirements established by the Department of Labor requirements. Sponsor shall provide appropriate responses to the certification statements that reflect the character of the project regardless of whether the contract is for a construction project or an equipment project.

Certification Statements

Except for certification statements below marked as not applicable (N/A), this list includes major requirements of the construction project. Selecting "Yes" represents sponsor acknowledgement and confirmation of the certification statement. The term "will" means Sponsor action taken at appropriate time based on the certification statement focus area, but no later than the end of the project period of performance. This list is not comprehensive and does not relieve the sponsor from fully complying with all applicable statutory and administrative standards. The source of the requirement is referenced within parenthesis.

1. A written code of standard of conduct is or will be in effect prior to commencement of the project that governs the performance of the sponsor's officers, employees, or agents in soliciting, awarding and administering procurement contracts (2 CFR § 200.318).

☒ Yes ☐ No ☐ N/A

2. For all contracts, qualified and competent personnel are or will be engaged to perform contract administration, engineering supervision, construction inspection, and testing (Grant Assurance C.17).

☒ Yes ☐ No ☐ N/A

3. Sponsors that are required to have a Disadvantage Business Enterprise (DBE) program on file with the FAA have included or will include clauses required by Title VI of the Civil Rights Act and 49 CFR Part 26 for Disadvantaged Business Enterprises in all contracts and subcontracts.

☒ Yes ☐ No ☐ N/A

4. Sponsors required to have a DBE program on file with the FAA have implemented or will implement monitoring and enforcement measures that:

- a. Ensure work committed to Disadvantaged Business Enterprises at contract award is actually performed by the named DBEs (49 CFR § 26.37(b));
- b. Include written certification that the sponsor has reviewed contract records and has monitored work sites for performance by DBE firms (49 CFR § 26.37(b)); and
- c. Provides for a running tally of payments made to DBE firms and a means for comparing actual attainments (i.e. payments) to original commitments (49 CFR § 26.37(c)).

☒ Yes ☐ No ☐ N/A

5. Sponsor procurement actions using the competitive sealed bid method (2 CFR § 200.320(c)). was or will be:

- a. Publicly advertised, allowing a sufficient response time to solicit an adequate number of interested contractors or vendors;
- b. Prepared to include a complete, adequate and realistic specification that defines the items or services in sufficient detail to allow prospective bidders to respond;
- c. Publicly opened at a time and place prescribed in the invitation for bids; and
- d. Prepared in a manner that result in a firm fixed price contract award to the lowest responsive and responsible bidder.

☒ Yes ☐ No ☐ N/A

6. For projects the Sponsor proposes to use the competitive proposal procurement method (2 CFR § 200.320(d)), Sponsor has requested or will request FAA approval prior to proceeding with a competitive proposal procurement by submitting to the FAA the following:

- a. Written justification that supports use of competitive proposal method in lieu of the preferred sealed bid procurement method;
- b. Plan for publicizing and soliciting an adequate number of qualified sources; and
- c. Listing of evaluation factors along with relative importance of the factors.

☐ Yes ☐ No ☒ N/A

7. For construction and equipment installation projects, the bid solicitation includes or will include the current federal wage rate schedule(s) for the appropriate type of work classifications (2 CFR Part 200, Appendix II).

☐ Yes ☐ No ☒ N/A

8. Concurrence was or will be obtained from the Federal Aviation Administration (FAA) prior to contract award under any of the following circumstances (Order 5100.38D):
- a. Only one qualified person/firm submits a responsive bid;
 - b. Award is to be made to other than the lowest responsible bidder; and
 - c. Life cycle costing is a factor in selecting the lowest responsive bidder.
- ☒ Yes ☐ No ☐ N/A
9. All construction and equipment installation contracts contain or will contain provisions for:
- a. Access to Records (§ 200.336)
 - b. Buy American Preferences (Title 49 U.S.C. § 50101)
 - c. Civil Rights - General Provisions and Title VI Assurances(41 CFR part 60)
 - d. Federal Fair Labor Standards (29 U.S.C. § 201, et seq)
 - e. Occupational Safety and Health Act requirements (20 CFR part 1920)
 - f. Seismic Safety – building construction (49 CFR part 41)
 - g. State Energy Conservation Requirements - as applicable(2 CFR part 200, Appendix II)
 - h. U.S. Trade Restriction (49 CFR part 30)
 - i. Veterans Preference (49 USC § 47112(c))
- ☐ Yes ☐ No ☒ N/A
10. All construction and equipment installation contracts exceeding \$2,000 contain or will contain the provisions established by:
- a. Davis-Bacon and Related Acts (29 CFR part 5)
 - b. Copeland "Anti-Kickback" Act (29 CFR parts 3 and 5)
- ☐ Yes ☐ No ☒ N/A
11. All construction and equipment installation contracts exceeding \$3,000 contain or will contain a contract provision that discourages distracted driving (E.O. 13513).
- ☐ Yes ☐ No ☒ N/A
12. All contracts exceeding \$10,000 contain or will contain the following provisions as applicable:
- a. Construction and equipment installation projects - Applicable clauses from 41 CFR Part 60 for compliance with Executive Orders 11246 and 11375 on Equal Employment Opportunity;
 - b. Construction and equipment installation - Contract Clause prohibiting segregated facilities in accordance with 41 CFR part 60-1.8;
 - c. Requirement to maximize use of products containing recovered materials in accordance with 2 CFR § 200.322 and 40 CFR part 247; and
 - d. Provisions that address termination for cause and termination for convenience (2 CFR Part 200, Appendix II).
- ☒ Yes ☐ No ☐ N/A

13. All contracts and subcontracts exceeding \$25,000: Measures are in place or will be in place (e.g. checking the System for Award Management) that ensure contracts and subcontracts are not awarded to individuals or firms suspended, debarred, or excluded from participating in federally assisted projects (2 CFR parts 180 and 1200).

☒ Yes ☐ No ☐ N/A

14. Contracts exceeding the simplified acquisition threshold (currently \$250,000) include or will include provisions, as applicable, that address the following:

- a. Construction and equipment installation contracts - a bid guarantee of 5%, a performance bond of 100%, and a payment bond of 100% (2 CFR § 200.325);
- b. Construction and equipment installation contracts - requirements of the Contract Work Hours and Safety Standards Act (40 USC 3701-3708, Sections 103 and 107);
- c. Restrictions on Lobbying and Influencing (2 CFR part 200, Appendix II);
- d. Conditions specifying administrative, contractual and legal remedies for instances where contractor or vendor violate or breach the terms and conditions of the contract (2 CFR §200, Appendix II); and
- e. All Contracts - Applicable standards and requirements issued under Section 306 of the Clean Air Act (42 USC 7401-7671q), Section 508 of the Clean Water Act (33 USC 1251-1387, and Executive Order 11738.

☒ Yes ☐ No ☐ N/A

Attach documentation clarifying any above item marked with "No" response.

Sponsor's Certification

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this 11 day of April, 2022

Name of Sponsor: Pease Development Authority

Name of Sponsor's Authorized Official: Paul E. Brean

Title of Sponsor's Authorized Official: Executive Director

Signature of Sponsor's Authorized Official: _____

I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.



ASSURANCES

AIRPORT SPONSORS

A. General.

1. These assurances shall be complied with in the performance of grant agreements for airport development, airport planning, and noise compatibility program grants for airport sponsors.
2. These assurances are required to be submitted as part of the project application by sponsors requesting funds under the provisions of Title 49, U.S.C., subtitle VII, as amended. As used herein, the term "public agency sponsor" means a public agency with control of a public-use airport; the term "private sponsor" means a private owner of a public-use airport; and the term "sponsor" includes both public agency sponsors and private sponsors.
3. Upon acceptance of this grant offer by the sponsor, these assurances are incorporated in and become part of this grant agreement.

B. Duration and Applicability.

1. **Airport development or Noise Compatibility Program Projects Undertaken by a Public Agency Sponsor.**

The terms, conditions and assurances of this grant agreement shall remain in full force and effect throughout the useful life of the facilities developed or equipment acquired for an airport development or noise compatibility program project, or throughout the useful life of the project items installed within a facility under a noise compatibility program project, but in any event not to exceed twenty (20) years from the date of acceptance of a grant offer of Federal funds for the project. However, there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport. There shall be no limit on the duration of the terms, conditions, and assurances with respect to real property acquired with federal funds. Furthermore, the duration of the Civil Rights assurance shall be specified in the assurances.

2. **Airport Development or Noise Compatibility Projects Undertaken by a Private Sponsor.**

The preceding paragraph 1 also applies to a private sponsor except that the useful life of project items installed within a facility or the useful life of the facilities developed or equipment acquired under an airport development or noise compatibility program project shall be no less than ten (10) years from the date of acceptance of Federal aid for the project.

3. **Airport Planning Undertaken by a Sponsor.**

Unless otherwise specified in this grant agreement, only Assurances 1, 2, 3, 5, 6, 13, 18, 25, 30, 32, 33, and 34 in Section C apply to planning projects. The terms, conditions, and assurances of this grant agreement shall remain in full force and effect during the life of the project; there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport.

C. Sponsor Certification.

The sponsor hereby assures and certifies, with respect to this grant that:

1. General Federal Requirements.

It will comply with all applicable Federal laws, regulations, executive orders, policies, guidelines, and requirements as they relate to the application, acceptance and use of Federal funds for this project including but not limited to the following:

- a. Title 49, U.S.C., subtitle VII, as amended.
- b. Davis-Bacon Act - 40 U.S.C. 276(a), et seq.¹
- c. Federal Fair Labor Standards Act - 29 U.S.C. 201, et seq.
- d. Hatch Act – 5 U.S.C. 1501, et seq.²
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 Title 42 U.S.C. 4601, et seq.^{1,2}
- f. National Historic Preservation Act of 1966 - Section 106 - 16 U.S.C. 470(f).¹
- g. Archeological and Historic Preservation Act of 1974 - 16 U.S.C. 469 through 469c.¹
- h. Native Americans Grave Repatriation Act - 25 U.S.C. Section 3001, et seq.
- i. Clean Air Act, P.L. 90-148, as amended.
- j. Coastal Zone Management Act, P.L. 93-205, as amended.
- k. Flood Disaster Protection Act of 1973 - Section 102(a) - 42 U.S.C. 4012a.¹
- l. Title 49, U.S.C., Section 303, (formerly known as Section 4(f))
- m. Rehabilitation Act of 1973 - 29 U.S.C. 794.
- n. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- o. Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 et seq.), prohibits discrimination on the basis of disability).
- p. Age Discrimination Act of 1975 - 42 U.S.C. 6101, et seq.
- q. American Indian Religious Freedom Act, P.L. 95-341, as amended.
- r. Architectural Barriers Act of 1968 -42 U.S.C. 4151, et seq.¹
- s. Power plant and Industrial Fuel Use Act of 1978 - Section 403- 2 U.S.C. 8373.¹
- t. Contract Work Hours and Safety Standards Act - 40 U.S.C. 327, et seq.¹
- u. Copeland Anti-kickback Act - 18 U.S.C. 874.1
- v. National Environmental Policy Act of 1969 - 42 U.S.C. 4321, et seq.¹
- w. Wild and Scenic Rivers Act, P.L. 90-542, as amended.
- x. Single Audit Act of 1984 - 31 U.S.C. 7501, et seq.²
- y. Drug-Free Workplace Act of 1988 - 41 U.S.C. 702 through 706.
- z. The Federal Funding Accountability and Transparency Act of 2006, as amended (Pub. L. 109-282, as amended by section 6202 of Pub. L. 110-252).

EXECUTIVE ORDERS

- a. Executive Order 11246 - Equal Employment Opportunity¹
- b. Executive Order 11990 - Protection of Wetlands
- c. Executive Order 11998 –Flood Plain Management
- d. Executive Order 12372 - Intergovernmental Review of Federal Programs
- e. Executive Order 12699 - Seismic Safety of Federal and Federally Assisted New Building Construction¹
- f. Executive Order 12898 - Environmental Justice
- g. Executive Order 13788 - Buy American and Hire American
- h. Executive Order 13858 – Strengthening Buy-American Preferences for Infrastructure Projects

FEDERAL REGULATIONS

- a. 2 CFR Part 180 – OMB Guidelines to Agencies on Government-wide Debarment and Suspension (Non-procurement).
- b. 2 CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. [OMB Circular A-87 Cost Principles Applicable to Grants and Contracts with State and Local Governments, and OMB Circular A-133 - Audits of States, Local Governments, and Non-Profit Organizations].^{4, 5, 6}
- c. 2 CFR Part 1200 – Non-procurement Suspension and Debarment
- d. 14 CFR Part 13 - Investigative and Enforcement Procedures 14 CFR Part 16 - Rules of Practice For Federally Assisted Airport Enforcement Proceedings.
- e. 14 CFR Part 150 - Airport noise compatibility planning.
- f. 28 CFR Part 35- Discrimination on the Basis of Disability in State and Local Government Services.
- g. 28 CFR § 50.3 - U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964.
- h. 29 CFR Part 1 - Procedures for predetermination of wage rates.¹
- i. 29 CFR Part 3 - Contractors and subcontractors on public building or public work financed in whole or part by loans or grants from the United States.¹
- j. 29 CFR Part 5 - Labor standards provisions applicable to contracts covering federally financed and assisted construction (also labor standards provisions applicable to non-construction contracts subject to the Contract Work Hours and Safety Standards Act).¹
- k. 41 CFR Part 60 - Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and federally assisted contracting requirements).¹
- l. 49 CFR Part 18 - Uniform administrative requirements for grants and cooperative agreements to state and local governments.³
- m. 49 CFR Part 20 - New restrictions on lobbying.

- n. 49 CFR Part 21 – Nondiscrimination in federally-assisted programs of the Department of Transportation - effectuation of Title VI of the Civil Rights Act of 1964.
- o. 49 CFR Part 23 - Participation by Disadvantage Business Enterprise in Airport Concessions.
- p. 49 CFR Part 24 – Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally Assisted Programs.^{1,2}
- q. 49 CFR Part 26 – Participation by Disadvantaged Business Enterprises in Department of Transportation Programs.
- r. 49 CFR Part 27 – Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance.¹
- s. 49 CFR Part 28 –Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities conducted by the Department of Transportation.
- t. 49 CFR Part 30 - Denial of public works contracts to suppliers of goods and services of countries that deny procurement market access to U.S. contractors.
- u. 49 CFR Part 32 –Government-wide Requirements for Drug-Free Workplace (Financial Assistance)
- v. 49 CFR Part 37 –Transportation Services for Individuals with Disabilities (ADA).
- w. 49 CFR Part 41 - Seismic safety of Federal and federally assisted or regulated new building construction.

SPECIFIC ASSURANCES

Specific assurances required to be included in grant agreements by any of the above laws, regulations or circulars are incorporated by reference in this grant agreement.

FOOTNOTES TO ASSURANCE C.1.

- ¹ These laws do not apply to airport planning sponsors.
- ² These laws do not apply to private sponsors.
- ³ 49 CFR Part 18 and 2 CFR Part 200 contain requirements for State and Local Governments receiving Federal assistance. Any requirement levied upon State and Local Governments by this regulation and circular shall also be applicable to private sponsors receiving Federal assistance under Title 49, United States Code.
- ⁴ On December 26, 2013 at 78 FR 78590, the Office of Management and Budget (OMB) issued the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards in 2 CFR Part 200. 2 CFR Part 200 replaces and combines the former Uniform Administrative Requirements for Grants (OMB Circular A-102 and Circular A-110 or 2 CFR Part 215 or Circular) as well as the Cost Principles (Circulars A-21 or 2 CFR part 220; Circular A-87 or 2 CFR part 225; and A-122, 2 CFR part 230). Additionally it replaces Circular A-133 guidance on the Single Annual Audit. In accordance with 2 CFR section 200.110, the standards set forth in Part 200 which affect administration of Federal awards issued by Federal agencies become effective once implemented by Federal agencies or when any future amendment to this Part becomes final. Federal agencies, including the Department of Transportation, must implement the policies and procedures applicable to Federal awards by promulgating a regulation to be effective by December 26, 2014 unless different provisions are required by statute or approved by OMB.

- ⁵ Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- ⁶ Audit requirements established in 2 CFR part 200 subpart F are the guidelines for audits.

2. Responsibility and Authority of the Sponsor.

a. Public Agency Sponsor:

It has legal authority to apply for this grant, and to finance and carry out the proposed project; that a resolution, motion or similar action has been duly adopted or passed as an official act of the applicant's governing body authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.

b. Private Sponsor:

It has legal authority to apply for this grant and to finance and carry out the proposed project and comply with all terms, conditions, and assurances of this grant agreement. It shall designate an official representative and shall in writing direct and authorize that person to file this application, including all understandings and assurances contained therein; to act in connection with this application; and to provide such additional information as may be required.

3. Sponsor Fund Availability.

It has sufficient funds available for that portion of the project costs which are not to be paid by the United States. It has sufficient funds available to assure operation and maintenance of items funded under this grant agreement which it will own or control.

4. Good Title.

- a. It, a public agency or the Federal government, holds good title, satisfactory to the Secretary, to the landing area of the airport or site thereof, or will give assurance satisfactory to the Secretary that good title will be acquired.
- b. For noise compatibility program projects to be carried out on the property of the sponsor, it holds good title satisfactory to the Secretary to that portion of the property upon which Federal funds will be expended or will give assurance to the Secretary that good title will be obtained.

5. Preserving Rights and Powers.

- a. It will not take or permit any action which would operate to deprive it of any of the rights and powers necessary to perform any or all of the terms, conditions, and assurances in this grant agreement without the written approval of the Secretary, and will act promptly to acquire, extinguish or modify any outstanding rights or claims of right of others which would interfere with such performance by the sponsor. This shall be done in a manner acceptable to the Secretary.
- b. Subject to the FAA Act of 2018, Public Law 115-254, Section 163, it will not sell, lease, encumber, or otherwise transfer or dispose of any part of its title or other interests in the property shown on Exhibit A to this application or, for a noise compatibility program project, that portion of the property upon which Federal funds have been expended, for the duration of the terms, conditions, and assurances in this grant agreement without approval by the

Secretary. If the transferee is found by the Secretary to be eligible under Title 49, United States Code, to assume the obligations of this grant agreement and to have the power, authority, and financial resources to carry out all such obligations, the sponsor shall insert in the contract or document transferring or disposing of the sponsor's interest, and make binding upon the transferee all of the terms, conditions, and assurances contained in this grant agreement.

- c. For all noise compatibility program projects which are to be carried out by another unit of local government or are on property owned by a unit of local government other than the sponsor, it will enter into an agreement with that government. Except as otherwise specified by the Secretary, that agreement shall obligate that government to the same terms, conditions, and assurances that would be applicable to it if it applied directly to the FAA for a grant to undertake the noise compatibility program project. That agreement and changes thereto must be satisfactory to the Secretary. It will take steps to enforce this agreement against the local government if there is substantial non-compliance with the terms of the agreement.
- d. For noise compatibility program projects to be carried out on privately owned property, it will enter into an agreement with the owner of that property which includes provisions specified by the Secretary. It will take steps to enforce this agreement against the property owner whenever there is substantial non-compliance with the terms of the agreement.
- e. If the sponsor is a private sponsor, it will take steps satisfactory to the Secretary to ensure that the airport will continue to function as a public-use airport in accordance with these assurances for the duration of these assurances.
- f. If an arrangement is made for management and operation of the airport by any agency or person other than the sponsor or an employee of the sponsor, the sponsor will reserve sufficient rights and authority to insure that the airport will be operated and maintained in accordance Title 49, United States Code, the regulations and the terms, conditions and assurances in this grant agreement and shall insure that such arrangement also requires compliance therewith.
- g. Sponsors of commercial service airports will not permit or enter into any arrangement that results in permission for the owner or tenant of a property used as a residence, or zoned for residential use, to taxi an aircraft between that property and any location on airport. Sponsors of general aviation airports entering into any arrangement that results in permission for the owner of residential real property adjacent to or near the airport must comply with the requirements of Sec. 136 of Public Law 112-95 and the sponsor assurances.

6. Consistency with Local Plans.

The project is reasonably consistent with plans (existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

7. Consideration of Local Interest.

It has given fair consideration to the interest of communities in or near where the project may be located.

8. Consultation with Users.

In making a decision to undertake any airport development project under Title 49, United States Code, it has undertaken reasonable consultations with affected parties using the airport at which project is proposed.

9. Public Hearings.

In projects involving the location of an airport, an airport runway, or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

10. Metropolitan Planning Organization.

In projects involving the location of an airport, an airport runway, or a major runway extension at a medium or large hub airport, the sponsor has made available to and has provided upon request to the metropolitan planning organization in the area in which the airport is located, if any, a copy of the proposed amendment to the airport layout plan to depict the project and a copy of any airport master plan in which the project is described or depicted.

11. Pavement Preventive Maintenance.

With respect to a project approved after January 1, 1995, for the replacement or reconstruction of pavement at the airport, it assures or certifies that it has implemented an effective airport pavement maintenance-management program and it assures that it will use such program for the useful life of any pavement constructed, reconstructed or repaired with Federal financial assistance at the airport. It will provide such reports on pavement condition and pavement management programs as the Secretary determines may be useful.

12. Terminal Development Prerequisites.

For projects which include terminal development at a public use airport, as defined in Title 49, it has, on the date of submittal of the project grant application, all the safety equipment required for certification of such airport under section 44706 of Title 49, United States Code, and all the security equipment required by rule or regulation, and has provided for access to the passenger enplaning and deplaning area of such airport to passengers enplaning and deplaning from aircraft other than air carrier aircraft.

13. Accounting System, Audit, and Record Keeping Requirements.

- a. It shall keep all project accounts and records which fully disclose the amount and disposition by the recipient of the proceeds of this grant, the total cost of the project in connection with which this grant is given or used, and the amount or nature of that portion of the cost of the project supplied by other sources, and such other financial records pertinent to the project. The accounts and records shall be kept in accordance with an accounting system that will facilitate an effective audit in accordance with the Single Audit Act of 1984.
- b. It shall make available to the Secretary and the Comptroller General of the United States, or any of their duly authorized representatives, for the purpose of audit and examination, any books, documents, papers, and records of the recipient that are pertinent to this grant. The Secretary may require that an appropriate audit be conducted by a recipient. In any case in which an independent audit is made of the accounts of a sponsor relating to the disposition of the proceeds of a grant or relating to the project in connection with which this grant was given or used, it shall file a certified copy of such audit with the Comptroller General of the United States not later than six (6) months following the close of the fiscal year for which the audit was made.

14. Minimum Wage Rates.

It shall include, in all contracts in excess of \$2,000 for work on any projects funded under this grant agreement which involve labor, provisions establishing minimum rates of wages, to be predetermined by the Secretary of Labor, in accordance with the Davis-Bacon Act, as amended (40 U.S.C. 276a-276a-5), which contractors shall pay to skilled and unskilled labor, and such minimum rates shall be stated in the invitation for bids and shall be included in proposals or bids for the work.

15. Veteran's Preference.

It shall include in all contracts for work on any project funded under this grant agreement which involve labor, such provisions as are necessary to insure that, in the employment of labor (except in executive, administrative, and supervisory positions), preference shall be given to Vietnam era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns owned and controlled by disabled veterans as defined in Section 47112 of Title 49, United States Code. However, this preference shall apply only where the individuals are available and qualified to perform the work to which the employment relates.

16. Conformity to Plans and Specifications.

It will execute the project subject to plans, specifications, and schedules approved by the Secretary. Such plans, specifications, and schedules shall be submitted to the Secretary prior to commencement of site preparation, construction, or other performance under this grant agreement, and, upon approval of the Secretary, shall be incorporated into this grant agreement. Any modification to the approved plans, specifications, and schedules shall also be subject to approval of the Secretary, and incorporated into this grant agreement.

17. Construction Inspection and Approval.

It will provide and maintain competent technical supervision at the construction site throughout the project to assure that the work conforms to the plans, specifications, and schedules approved by the Secretary for the project. It shall subject the construction work on any project contained in an approved project application to inspection and approval by the Secretary and such work shall be in accordance with regulations and procedures prescribed by the Secretary. Such regulations and procedures shall require such cost and progress reporting by the sponsor or sponsors of such project as the Secretary shall deem necessary.

18. Planning Projects.

In carrying out planning projects:

- a. It will execute the project in accordance with the approved program narrative contained in the project application or with the modifications similarly approved.
- b. It will furnish the Secretary with such periodic reports as required pertaining to the planning project and planning work activities.
- c. It will include in all published material prepared in connection with the planning project a notice that the material was prepared under a grant provided by the United States.
- d. It will make such material available for examination by the public, and agrees that no material prepared with funds under this project shall be subject to copyright in the United States or any other country.
- e. It will give the Secretary unrestricted authority to publish, disclose, distribute, and otherwise use any of the material prepared in connection with this grant.

- f. It will grant the Secretary the right to disapprove the sponsor's employment of specific consultants and their subcontractors to do all or any part of this project as well as the right to disapprove the proposed scope and cost of professional services.
- g. It will grant the Secretary the right to disapprove the use of the sponsor's employees to do all or any part of the project.
- h. It understands and agrees that the Secretary's approval of this project grant or the Secretary's approval of any planning material developed as part of this grant does not constitute or imply any assurance or commitment on the part of the Secretary to approve any pending or future application for a Federal airport grant.

19. Operation and Maintenance.

- a. The airport and all facilities which are necessary to serve the aeronautical users of the airport, other than facilities owned or controlled by the United States, shall be operated at all times in a safe and serviceable condition and in accordance with the minimum standards as may be required or prescribed by applicable Federal, state and local agencies for maintenance and operation. It will not cause or permit any activity or action thereon which would interfere with its use for airport purposes. It will suitably operate and maintain the airport and all facilities thereon or connected therewith, with due regard to climatic and flood conditions. Any proposal to temporarily close the airport for non-aeronautical purposes must first be approved by the Secretary. In furtherance of this assurance, the sponsor will have in effect arrangements for-
 - 1) Operating the airport's aeronautical facilities whenever required;
 - 2) Promptly marking and lighting hazards resulting from airport conditions, including temporary conditions; and
 - 3) Promptly notifying airmen of any condition affecting aeronautical use of the airport. Nothing contained herein shall be construed to require that the airport be operated for aeronautical use during temporary periods when snow, flood or other climatic conditions interfere with such operation and maintenance. Further, nothing herein shall be construed as requiring the maintenance, repair, restoration, or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the sponsor.
- b. It will suitably operate and maintain noise compatibility program items that it owns or controls upon which Federal funds have been expended.

20. Hazard Removal and Mitigation.

It will take appropriate action to assure that such terminal airspace as is required to protect instrument and visual operations to the airport (including established minimum flight altitudes) will be adequately cleared and protected by removing, lowering, relocating, marking, or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.

21. Compatible Land Use.

It will take appropriate action, to the extent reasonable, including the adoption of zoning laws, to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and takeoff of aircraft. In addition, if the project is for noise compatibility program implementation, it will not cause or permit any change in land use, within its jurisdiction, that will reduce its compatibility, with

respect to the airport, of the noise compatibility program measures upon which Federal funds have been expended.

22. Economic Nondiscrimination.

- a. It will make the airport available as an airport for public use on reasonable terms and without unjust discrimination to all types, kinds and classes of aeronautical activities, including commercial aeronautical activities offering services to the public at the airport.
- b. In any agreement, contract, lease, or other arrangement under which a right or privilege at the airport is granted to any person, firm, or corporation to conduct or to engage in any aeronautical activity for furnishing services to the public at the airport, the sponsor will insert and enforce provisions requiring the contractor to-
 - 1) furnish said services on a reasonable, and not unjustly discriminatory, basis to all users thereof, and
 - 2) charge reasonable, and not unjustly discriminatory, prices for each unit or service, provided that the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.
- c. Each fixed-based operator at the airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed-based operators making the same or similar uses of such airport and utilizing the same or similar facilities.
- d. Each air carrier using such airport shall have the right to service itself or to use any fixed-based operator that is authorized or permitted by the airport to serve any air carrier at such airport.
- e. Each air carrier using such airport (whether as a tenant, non-tenant, or subtenant of another air carrier tenant) shall be subject to such nondiscriminatory and substantially comparable rules, regulations, conditions, rates, fees, rentals, and other charges with respect to facilities directly and substantially related to providing air transportation as are applicable to all such air carriers which make similar use of such airport and utilize similar facilities, subject to reasonable classifications such as tenants or non-tenants and signatory carriers and non-signatory carriers. Classification or status as tenant or signatory shall not be unreasonably withheld by any airport provided an air carrier assumes obligations substantially similar to those already imposed on air carriers in such classification or status.
- f. It will not exercise or grant any right or privilege which operates to prevent any person, firm, or corporation operating aircraft on the airport from performing any services on its own aircraft with its own employees (including, but not limited to maintenance, repair, and fueling) that it may choose to perform.
- g. In the event the sponsor itself exercises any of the rights and privileges referred to in this assurance, the services involved will be provided on the same conditions as would apply to the furnishing of such services by commercial aeronautical service providers authorized by the sponsor under these provisions.
- h. The sponsor may establish such reasonable, and not unjustly discriminatory, conditions to be met by all users of the airport as may be necessary for the safe and efficient operation of the airport.

- i. The sponsor may prohibit or limit any given type, kind or class of aeronautical use of the airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

23. Exclusive Rights.

It will permit no exclusive right for the use of the airport by any person providing, or intending to provide, aeronautical services to the public. For purposes of this paragraph, the providing of the services at an airport by a single fixed-based operator shall not be construed as an exclusive right if both of the following apply:

- a. It would be unreasonably costly, burdensome, or impractical for more than one fixed-based operator to provide such services, and
- b. If allowing more than one fixed-based operator to provide such services would require the reduction of space leased pursuant to an existing agreement between such single fixed-based operator and such airport. It further agrees that it will not, either directly or indirectly, grant or permit any person, firm, or corporation, the exclusive right at the airport to conduct any aeronautical activities, including, but not limited to charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity, and that it will terminate any exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under Title 49, United States Code.

24. Fee and Rental Structure.

It will maintain a fee and rental structure for the facilities and services at the airport which will make the airport as self-sustaining as possible under the circumstances existing at the particular airport, taking into account such factors as the volume of traffic and economy of collection. No part of the Federal share of an airport development, airport planning or noise compatibility project for which a grant is made under Title 49, United States Code, the Airport and Airway Improvement Act of 1982, the Federal Airport Act or the Airport and Airway Development Act of 1970 shall be included in the rate basis in establishing fees, rates, and charges for users of that airport.

25. Airport Revenues.

- a. All revenues generated by the airport and any local taxes on aviation fuel established after December 30, 1987, will be expended by it for the capital or operating costs of the airport; the local airport system; or other local facilities which are owned or operated by the owner or operator of the airport and which are directly and substantially related to the actual air transportation of passengers or property; or for noise mitigation purposes on or off the airport. The following exceptions apply to this paragraph:
 - 1) If covenants or assurances in debt obligations issued before September 3, 1982, by the owner or operator of the airport, or provisions enacted before September 3, 1982, in governing statutes controlling the owner or operator's financing, provide for the use of the revenues from any of the airport owner or operator's facilities, including the airport, to support not only the airport but also the airport owner or operator's general debt obligations or other facilities, then this limitation on the use of all revenues generated

by the airport (and, in the case of a public airport, local taxes on aviation fuel) shall not apply.

- 2) If the Secretary approves the sale of a privately owned airport to a public sponsor and provides funding for any portion of the public sponsor's acquisition of land, this limitation on the use of all revenues generated by the sale shall not apply to certain proceeds from the sale. This is conditioned on repayment to the Secretary by the private owner of an amount equal to the remaining unamortized portion (amortized over a 20-year period) of any airport improvement grant made to the private owner for any purpose other than land acquisition on or after October 1, 1996, plus an amount equal to the federal share of the current fair market value of any land acquired with an airport improvement grant made to that airport on or after October 1, 1996.
 - 3) Certain revenue derived from or generated by mineral extraction, production, lease, or other means at a general aviation airport (as defined at Section 47102 of title 49 United States Code), if the FAA determines the airport sponsor meets the requirements set forth in Sec. 813 of Public Law 112-95.
- b. As part of the annual audit required under the Single Audit Act of 1984, the sponsor will direct that the audit will review, and the resulting audit report will provide an opinion concerning, the use of airport revenue and taxes in paragraph (a), and indicating whether funds paid or transferred to the owner or operator are paid or transferred in a manner consistent with Title 49, United States Code and any other applicable provision of law, including any regulation promulgated by the Secretary or Administrator.
 - c. Any civil penalties or other sanctions will be imposed for violation of this assurance in accordance with the provisions of Section 47107 of Title 49, United States Code.

26. Reports and Inspections.

It will:

- a. submit to the Secretary such annual or special financial and operations reports as the Secretary may reasonably request and make such reports available to the public; make available to the public at reasonable times and places a report of the airport budget in a format prescribed by the Secretary;
- b. for airport development projects, make the airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request;
- c. for noise compatibility program projects, make records and documents relating to the project and continued compliance with the terms, conditions, and assurances of this grant agreement including deeds, leases, agreements, regulations, and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request; and
- d. in a format and time prescribed by the Secretary, provide to the Secretary and make available to the public following each of its fiscal years, an annual report listing in detail:
 - 1) all amounts paid by the airport to any other unit of government and the purposes for which each such payment was made; and
 - 2) all services and property provided by the airport to other units of government and the amount of compensation received for provision of each such service and property.

27. Use by Government Aircraft.

It will make available all of the facilities of the airport developed with Federal financial assistance and all those usable for landing and takeoff of aircraft to the United States for use by Government aircraft in common with other aircraft at all times without charge, except, if the use by Government aircraft is substantial, charge may be made for a reasonable share, proportional to such use, for the cost of operating and maintaining the facilities used. Unless otherwise determined by the Secretary, or otherwise agreed to by the sponsor and the using agency, substantial use of an airport by Government aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the Secretary, would unduly interfere with use of the landing areas by other authorized aircraft, or during any calendar month that –

- a. Five (5) or more Government aircraft are regularly based at the airport or on land adjacent thereto; or
- b. The total number of movements (counting each landing as a movement) of Government aircraft is 300 or more, or the gross accumulative weight of Government aircraft using the airport (the total movement of Government aircraft multiplied by gross weights of such aircraft) is in excess of five million pounds.

28. Land for Federal Facilities.

It will furnish without cost to the Federal Government for use in connection with any air traffic control or air navigation activities, or weather-reporting and communication activities related to air traffic control, any areas of land or water, or estate therein, or rights in buildings of the sponsor as the Secretary considers necessary or desirable for construction, operation, and maintenance at Federal expense of space or facilities for such purposes. Such areas or any portion thereof will be made available as provided herein within four months after receipt of a written request from the Secretary.

29. Airport Layout Plan.

- a. Subject to the FAA Reauthorization Act of 2018, Public Law 115-254, Section 163, it will keep up to date at all times an airport layout plan of the airport showing:
 - 1) boundaries of the airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the sponsor for airport purposes and proposed additions thereto;
 - 2) the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars and roads), including all proposed extensions and reductions of existing airport facilities;
 - 3) the location of all existing and proposed non-aviation areas and of all existing improvements thereon; and
 - 4) all proposed and existing access points used to taxi aircraft across the airport's property boundary. Such airport layout plans and each amendment, revision, or modification thereof, shall be subject to the approval of the Secretary which approval shall be evidenced by the signature of a duly authorized representative of the Secretary on the face of the airport layout plan. The sponsor will not make or permit any changes or alterations in the airport or any of its facilities which are not in conformity

with the airport layout plan as approved by the Secretary and which might, in the opinion of the Secretary, adversely affect the safety, utility or efficiency of the airport.

- b. Subject to the FAA Reauthorization Act of 2018, Public Law 115-254, Section 163, if a change or alteration in the airport or the facilities is made which the Secretary determines adversely affects the safety, utility, or efficiency of any federally owned, leased, or funded property on or off the airport and which is not in conformity with the airport layout plan as approved by the Secretary, the owner or operator will, if requested, by the Secretary (1) eliminate such adverse effect in a manner approved by the Secretary; or (2) bear all costs of relocating such property (or replacement thereof) to a site acceptable to the Secretary and all costs of restoring such property (or replacement thereof) to the level of safety, utility, efficiency, and cost of operation existing before the unapproved change in the airport or its facilities except in the case of a relocation or replacement of an existing airport facility due to a change in the Secretary's design standards beyond the control of the airport sponsor.

30. Civil Rights.

It will promptly take any measures necessary to ensure that no person in the United States shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in any activity conducted with, or benefiting from, funds received from this grant.

- a. Using the definitions of activity, facility and program as found and defined in §§ 21.23 (b) and 21.23 (e) of 49 CFR § 21, the sponsor will facilitate all programs, operate all facilities, or conduct all programs in compliance with all non-discrimination requirements imposed by, or pursuant to these assurances.
- b. Applicability
 - 1) Programs and Activities. If the sponsor has received a grant (or other federal assistance) for any of the sponsor's program or activities, these requirements extend to all of the sponsor's programs and activities.
 - 2) Facilities. Where it receives a grant or other federal financial assistance to construct, expand, renovate, remodel, alter or acquire a facility, or part of a facility, the assurance extends to the entire facility and facilities operated in connection therewith.
 - 3) Real Property. Where the sponsor receives a grant or other Federal financial assistance in the form of, or for the acquisition of real property or an interest in real property, the assurance will extend to rights to space on, over, or under such property.
- c. Duration.

The sponsor agrees that it is obligated to this assurance for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures or improvements thereon, in which case the assurance obligates the sponsor, or any transferee for the longer of the following periods:

 - 1) So long as the airport is used as an airport, or for another purpose involving the provision of similar services or benefits; or
 - 2) So long as the sponsor retains ownership or possession of the property.

- d. Required Solicitation Language. It will include the following notification in all solicitations for bids, Requests For Proposals for work, or material under this grant agreement and in all proposals for agreements, including airport concessions, regardless of funding source:

"The **(Name of Sponsor)**, 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 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."

- e. Required Contract Provisions.

- 1) It will insert the non-discrimination contract clauses requiring compliance with the acts and regulations relative to non-discrimination in Federally-assisted programs of the DOT, and incorporating the acts and regulations into the contracts by reference in every contract or agreement subject to the non-discrimination in Federally-assisted programs of the DOT acts and regulations.
- 2) It will include a list of the pertinent non-discrimination authorities in every contract that is subject to the non-discrimination acts and regulations.
- 3) It will insert non-discrimination contract clauses as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a sponsor.
- 4) It will insert non-discrimination contract clauses prohibiting discrimination on the basis of race, color, national origin, creed, sex, age, or handicap as a covenant running with the land, in any future deeds, leases, license, permits, or similar instruments entered into by the sponsor with other parties:
 - a. For the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
 - b. For the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.
- f. It will provide for such methods of administration for the program as are found by the Secretary to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the acts, the regulations, and this assurance.
- g. It agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the acts, the regulations, and this assurance.

31. Disposal of Land.

- a. For land purchased under a grant for airport noise compatibility purposes, including land serving as a noise buffer, it will dispose of the land, when the land is no longer needed for such purposes, at fair market value, at the earliest practicable time. That portion of the proceeds of such disposition which is proportionate to the United States' share of acquisition of such land will be, at the discretion of the Secretary, (1) reinvested in another project at the airport, or (2) transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order, (1)

reinvestment in an approved noise compatibility project, (2) reinvestment in an approved project that is eligible for grant funding under Section 47117(e) of title 49 United States Code, (3) reinvestment in an approved airport development project that is eligible for grant funding under Sections 47114, 47115, or 47117 of title 49 United States Code, (4) transferred to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport, and (5) paid to the Secretary for deposit in the Airport and Airway Trust Fund. If land acquired under a grant for noise compatibility purposes is leased at fair market value and consistent with noise buffering purposes, the lease will not be considered a disposal of the land. Revenues derived from such a lease may be used for an approved airport development project that would otherwise be eligible for grant funding or any permitted use of airport revenue.

- b. For land purchased under a grant for airport development purposes (other than noise compatibility), it will, when the land is no longer needed for airport purposes, dispose of such land at fair market value or make available to the Secretary an amount equal to the United States' proportionate share of the fair market value of the land. That portion of the proceeds of such disposition which is proportionate to the United States' share of the cost of acquisition of such land will, (1) upon application to the Secretary, be reinvested or transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order: (1) reinvestment in an approved noise compatibility project, (2) reinvestment in an approved project that is eligible for grant funding under Section 47117(e) of title 49 United States Code, (3) reinvestment in an approved airport development project that is eligible for grant funding under Sections 47114, 47115, or 47117 of title 49 United States Code, (4) transferred to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport, and (5) paid to the Secretary for deposit in the Airport and Airway Trust Fund.
- c. Land shall be considered to be needed for airport purposes under this assurance if (1) it may be needed for aeronautical purposes (including runway protection zones) or serve as noise buffer land, and (2) the revenue from interim uses of such land contributes to the financial self-sufficiency of the airport. Further, land purchased with a grant received by an airport operator or owner before December 31, 1987, will be considered to be needed for airport purposes if the Secretary or Federal agency making such grant before December 31, 1987, was notified by the operator or owner of the uses of such land, did not object to such use, and the land continues to be used for that purpose, such use having commenced no later than December 15, 1989.
- d. Disposition of such land under (a) (b) or (c) will be subject to the retention or reservation of any interest or right therein necessary to ensure that such land will only be used for purposes which are compatible with noise levels associated with operation of the airport.

32. Engineering and Design Services.

Engineering and Design Services. If any phase of such project has received Federal funds under Chapter 471 subchapter 1 of Title 49 U.S.C., it will award each contract, or sub-contract for program management, construction management, planning studies, feasibility studies, architectural services, preliminary engineering, design, engineering, surveying, mapping or related services in the same manner as a contract for architectural and engineering services is negotiated under Chapter 11 of Title 40 U. S. C., or an equivalent qualifications-based requirement prescribed for or by the sponsor of the airport.

33. Foreign Market Restrictions.

It will not allow funds provided under this grant to be used to fund any project which uses any product or service of a foreign country during the period in which such foreign country is listed by the United States Trade Representative as denying fair and equitable market opportunities for products and suppliers of the United States in procurement and construction.

34. Policies, Standards, and Specifications.

It will carry out the project in accordance with policies, standards, and specifications approved by the Secretary including, but not limited to, the advisory circulars listed in the Current FAA Advisory Circulars for AIP projects, dated 1/31/2022, and included in this grant, and in accordance with applicable state policies, standards, and specifications approved by the Secretary.

35. Relocation and Real Property Acquisition.

- a. It will be guided in acquiring real property, to the greatest extent practicable under State law, by the land acquisition policies in Subpart B of 49 CFR Part 24 and will pay or reimburse property owners for necessary expenses as specified in Subpart B.
- b. It will provide a relocation assistance program offering the services described in Subpart C and fair and reasonable relocation payments and assistance to displaced persons as required in Subpart D and E of 49 CFR Part 24.
- c. It will make available within a reasonable period of time prior to displacement, comparable replacement dwellings to displaced persons in accordance with Subpart E of 49 CFR Part 24.

36. Access By Intercity Buses.

The airport owner or operator will permit, to the maximum extent practicable, intercity buses or other modes of transportation to have access to the airport; however, it has no obligation to fund special facilities for intercity buses or for other modes of transportation.

37. Disadvantaged Business Enterprises.

The sponsor shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract covered by 49 CFR Part 26, or in the award and performance of any concession activity contract covered by 49 CFR Part 23. In addition, the sponsor shall not discriminate on the basis of race, color, national origin or sex in the administration of its Disadvantaged Business Enterprise (DBE) and Airport Concessions Disadvantaged Business Enterprise (ACDBE) programs or the requirements of 49 CFR Parts 23 and 26. The sponsor shall take all necessary and reasonable steps under 49 CFR Parts 23 and 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts, and/or concession contracts. The sponsor's DBE and ACDBE programs, as required by 49 CFR Parts 26 and 23, and as approved by DOT, are incorporated by reference in this agreement. Implementation of these programs is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the sponsor of its failure to carry out its approved program, the Department may impose sanctions as provided for under Parts 26 and 23 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1936 (31 U.S.C. 3801).

38. Hangar Construction.

If the airport owner or operator and a person who owns an aircraft agree that a hangar is to be constructed at the airport for the aircraft at the aircraft owner's expense, the airport owner or

operator will grant to the aircraft owner for the hangar a long term lease that is subject to such terms and conditions on the hangar as the airport owner or operator may impose.

39. Competitive Access.

- a. If the airport owner or operator of a medium or large hub airport (as defined in section 47102 of title 49, U.S.C.) has been unable to accommodate one or more requests by an air carrier for access to gates or other facilities at that airport in order to allow the air carrier to provide service to the airport or to expand service at the airport, the airport owner or operator shall transmit a report to the Secretary that-
 - 1) Describes the requests;
 - 2) Provides an explanation as to why the requests could not be accommodated; and
 - 3) Provides a time frame within which, if any, the airport will be able to accommodate the requests.
- b. Such report shall be due on either February 1 or August 1 of each year if the airport has been unable to accommodate the request(s) in the six month period prior to the applicable due date.



FAA
Airports

Current FAA Advisory Circulars Required for Use in AIP Funded and PFC Approved Projects

Updated: 3/22/2021

View current and previous versions of these ACs and any associated changes at:
http://www.faa.gov/airports/resources/advisory_circulars and
http://www.faa.gov/regulations_policies/advisory_circulars/

NUMBER	TITLE
70/7460-1M	Obstruction Marking and Lighting
150/5000-9A	Announcement of Availability Report No. DOT/FAA/PP/92-5, Guidelines for the Sound Insulation of Residences Exposed to Aircraft Operations
150/5000-17	Critical Aircraft and Regular Use Determination
150/5020-1	Noise Control and Compatibility Planning for Airports
150/5070-6B Changes 1 - 2	Airport Master Plans
150/5070-7 Change 1	The Airport System Planning Process
150/5100-13C	Development of State Aviation Standards for Airport Pavement Construction
150/5200-28F	Notices to Airmen (NOTAMs) for Airport Operators
150/5200-30D Changes 1 - 2	Airport Field Condition Assessments and Winter Operations Safety
150/5200-31C Changes 1 - 2	Airport Emergency Plan
150/5210-5D	Painting, Marking, and Lighting of Vehicles Used on an Airport
150/5210-7D	Aircraft Rescue and Fire Fighting Communications
150/5210-13C	Airport Water Rescue Plans and Equipment
150/5210-14B	Aircraft Rescue Fire Fighting Equipment, Tools and Clothing

NUMBER	TITLE
150/5210-15A	Aircraft Rescue and Firefighting Station Building Design
150/5210-18A	Systems for Interactive Training of Airport Personnel
150/5210-19A	Driver's Enhanced Vision System (DEVs)
150/5220-10E	Guide Specification for Aircraft Rescue and Fire Fighting (ARFF) Vehicles
150/5220-16E, Change 1	Automated Weather Observing Systems (AWOS) for Non-Federal Applications
150/5220-17B	Aircraft Rescue and Fire Fighting (ARFF) Training Facilities
150/5220-18A	Buildings for Storage and Maintenance of Airport Snow and Ice Control Equipment and Materials
150/5220-20A	Airport Snow and Ice Control Equipment
150/5220-21C	Aircraft Boarding Equipment
150/5220-22B	Engineered Materials Arresting Systems (EMAS) for Aircraft Overruns
150/5220-23	Frangible Connections
150/5220-24	Foreign Object Debris Detection Equipment
150/5220-25	Airport Avian Radar Systems
150/5220-26, Changes 1 - 2	Airport Ground Vehicle Automatic Dependent Surveillance - Broadcast (ADS-B) Out Squitter Equipment
150/5300-13A, Change 1	Airport Design
150/5300-14D	Design of Aircraft Deicing Facilities
150/5300-16B	General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey
150/5300-17C Change 1	Standards for Using Remote Sensing Technologies in Airport Surveys
150/5300-18B Change 1	General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards
150/5320-5D	Airport Drainage Design
150/5320-6F	Airport Pavement Design and Evaluation

NUMBER	TITLE
150/5320-12C, Changes 1 - 8	Measurement, Construction, and Maintenance of Skid Resistant Airport Pavement Surfaces
150/5320-15A	Management of Airport Industrial Waste
150/5320-17A	Airfield Pavement Surface Evaluation and Rating Manuals
150/5325-4B	Runway Length Requirements for Airport Design
150/5335-5C	Standardized Method of Reporting Airport Pavement Strength - PCN
150/5340-1M Change 1	Standards for Airport Markings
150/5340-5D	Segmented Circle Airport Marker System
150/5340-18G Change 1	Standards for Airport Sign Systems
150/5340-26C	Maintenance of Airport Visual Aid Facilities
150/5340-30J	Design and Installation Details for Airport Visual Aids
150/5345-3G	Specification for L-821, Panels for the Control of Airport Lighting
150/5345-5B	Circuit Selector Switch
150/5345-7F	Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits
150/5345-10H	Specification for Constant Current Regulators and Regulator Monitors
150/5345-12F	Specification for Airport and Heliport Beacons
150/5345-13B	Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits
150/5345-26D	FAA Specification For L-823 Plug and Receptacle, Cable Connectors
150/5345-27E	Specification for Wind Cone Assemblies
150/5345-28H	Precision Approach Path Indicator (PAPI) Systems
150/5345-39D	Specification for L-853, Runway and Taxiway Retroreflective Markers
150/5345-42J	Specification for Airport Light Bases, Transformer Housings, Junction Boxes, and Accessories
150/5345-43J	Specification for Obstruction Lighting Equipment
150/5345-44K	Specification for Runway and Taxiway Signs

NUMBER	TITLE
150/5345-45C	Low-Impact Resistant (LIR) Structures
150/5345-46E	Specification for Runway and Taxiway Light Fixtures
150/5345-47C	Specification for Series to Series Isolation Transformers for Airport Lighting Systems
150/5345-49D	Specification L-854, Radio Control Equipment
150/5345-50B	Specification for Portable Runway and Taxiway Lights
150/5345-51B	Specification for Discharge-Type Flashing Light Equipment
150/5345-52A	Generic Visual Glideslope Indicators (GVGI)
150/5345-53D	Airport Lighting Equipment Certification Program
150/5345-54B	Specification for L-884, Power and Control Unit for Land and Hold Short Lighting Systems
150/5345-55A	Specification for L-893, Lighted Visual Aid to Indicate Temporary Runway Closure
150/5345-56B	Specification for L-890 Airport Lighting Control and Monitoring System (ALCMS)
150/5360-12F	Airport Signing and Graphics
150/5360-13A	Airport Terminal Planning
150/5360-14A	Access to Airports By Individuals With Disabilities
150/5370-2G	Operational Safety on Airports During Construction
150/5370-10H	Standard Specifications for Construction of Airports
150/5370-11B	Use of Nondestructive Testing in the Evaluation of Airport Pavements
150/5370-13A	Off-Peak Construction of Airport Pavements Using Hot-Mix Asphalt
150/5370-15B	Airside Applications for Artificial Turf
150/5370-16	Rapid Construction of Rigid (Portland Cement Concrete) Airfield Pavements
150/5370-17	Airside Use of Heated Pavement Systems
150/5380-6C	Guidelines and Procedures for Maintenance of Airport Pavements
150/5380-7B	Airport Pavement Management Program
150/5380-9	Guidelines and Procedures for Measuring Airfield Pavement Roughness

NUMBER	TITLE
150/5390-2C	Heliport Design
150/5395-1B	Seaplane Bases

THE FOLLOWING ADDITIONAL APPLY TO AIP PROJECTS ONLY

Updated: 3/22/2021

NUMBER	TITLE
150/5100-14E, Change 1	Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects
150/5100-17, Changes 1 - 7	Land Acquisition and Relocation Assistance for Airport Improvement Program Assisted Projects
150/5100-21	State Block Grant Program
150/5300-15A	Use of Value Engineering for Engineering and Design of Airport Grant Projects
150/5370-12B	Quality Management for Federally Funded Airport Construction Projects

APPENDIX - PROJECT COST BACK UP

TABLE OF CONTENTS:

- 1. ARCHITECTURAL ENGINEERING FEES**
 - Jacobs Proposal

- 2. EQUIPMENT FEES**
 - Bid Tabulation

1. ARCHITECTURAL ENGINEERING FEES

Exhibit A - Attachment 1
Scope of Work

**Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow &
Carrier Vehicle with Plow & Spreader
AIP 3-33-0016-TBD-2022**

for
**THE PEASE DEVELOPMENT AUTHORITY
PORTSMOUTH INTERNATIONAL AIRPORT**

I. GENERAL

The Pease Development Authority (the Owner) desires to purchase new snow removal equipment (SRE). The SRE purchase is intended to be a (1) carrier vehicle with integrated high-speed rotary plow and (2) a carrier vehicle with spreader and a plow.

For the proposed project, Jacobs Engineering Group Inc., hereinafter referred to as the "Engineer", agrees to perform the following scope of services associated with the above referenced Project:

II. ARTICLE A –SPECIFICATIONS

- A. The Engineer shall utilize SRE technical specifications utilized on AIP 3-33-0016-069-2021. These specifications were prepared in accordance with AC 150/5220-20A, *Airport Snow and Ice Control Equipment and all applicable SAE Specifications*. The FAA has agreed that these specifications may be re-used for this solicitation. The Engineer assumes one (1) phone meeting with the Owner.
- B. The Engineer shall provide the Owner with the Federal requirements for the soliciting public bids. These documents include the required certifications and the FAA contract articles. These documents shall be provided in Word and PDF format via email.
- C. The Engineer shall conduct QA/QC of the above deliverables.

III. ARTICLE B – SRE FLEET JUSTIFICATION

- A. The Engineer shall prepare an SRE fleet justification. The justification shall be prepared in accordance with Advisory Circular (AC) 150/5200-30C Airport Winter Safety and Operations. The justification shall be submitted to the FAA and NHDOT for review and approval. The justification tasks shall be as follows:
 - 1. Perform review of previous and update SRE purchase justification.
 - 2. Update list of the existing SRE and confirm accuracy of the list with the Owner.
 - 3. Review mapped areas used in identifying priority pavements and pavement clearing times from AC 150/5200-30D *Airport Field Condition Assessments and Winter Operations Safety*.
 - 4. Utilize AC 150/5220-20A, *Airport Snow and Ice Control Equipment* to select the number and types of equipment necessary to meet the recommended clearing times.
 - 5. Document the above steps in memorandum format.
 - 6. Conduct QA/QC review of the above.
 - 7. Submit draft justification to the Owner/FAA/NHDOT in memorandum format as a PDF by email.

8. Revise justification based on comments on the draft and resubmit final justification in memorandum format as a PDF by email.

IV. ARTICLE C – BIDDING SUPPORT SERVICES

- A. If necessary, review any addenda prior to issuance by the Owner for the purpose of clarification, deletion, addition, or correction to the bid specifications. Two (2) addenda reviews are assumed.
- B. The Engineer shall attend the public bid opening and record bids.
- C. Upon receipt of bids, the Engineer shall perform a review of all bid proposals received for the project. The bid review shall include the inspection of the following items for compliance:
 - Contractor's bid extension math
 - Bid security
 - Execution of bid
 - Non-collusive bidding certificate
 - EEO certification
 - Statement of surety's intent
 - Addenda receipt
 - Buy-American certificate
 - Subcontractors and suppliers list
 - Eligibility certification
 - Corporate bidders' certification
 - Non-discrimination statement and non-segregated facilities certificate
 - DBE certifications

The Engineer shall also:

- Request evidence of competency and evidence of financial responsibility from the contractors.
 - Review the contractor's list of personnel, list of equipment and financial statements.
 - Formally contact of the contractor's references, upon the Owner's request, or if the contractor has no past working relationship with the Engineer or Owner.
- D. After reviewing the bid proposals, the Engineer shall assist the Owner in identification of the apparent low bidder. The Engineer shall prepare a bid tabulation for review with the Owner. The Engineer will then prepare and issue a recommendation/rejection of award letter for the SRE contract to the Owner and provide sample concurrence of award letters to the FAA & NHDOT.
 - E. The Engineer anticipates the vendor needing to submit proof of compliance with the Buy American Act. This task requires the Engineer to communicate with the vendor for the vendor to complete the necessary forms documenting the percentages of American made materials in the SRE. The Engineer will review the forms and conduct correspondence with the Owner and FAA to coordinate the FAA's review of the documents.
 - F. The Engineer shall prepare the Conformed Contract Sets for distribution to the Owner (x2), FAA (x1 electronic), NHDOT (x1) and Contractor (x1). All previous submissions shall be in electronic (PDF) format.

V. ARTICLE D – PROJECT ADMINISTRATION

A. The Engineer shall provide engineering services throughout the period of the Project.

The specific items of work shall include:

1. The Engineer shall prepare a grant application for the project including the federal standard forms, financial and project descriptions, and certifications.
2. The Engineer shall prepare state and federal reimbursement request forms on a monthly basis as required for the duration of this project and coordinate the execution and submission by the Owner to the applicable funding agencies.
3. The Engineer shall schedule and conduct one (1) final inspection conference for the completed project at the Airport.
4. The Engineer shall collect “as-built” photographs and bill of lading documentation from the Owner to be included in the closeout documents.
5. The Engineer shall prepare and distribute the required project close-out documentation, as required by the NHDOT, FAA – New England Region, the Owner, and other applicable funding agencies.
6. The Engineer shall prepare the project scope and fee and attend scoping meeting (virtual).
7. The Engineer shall perform quality review of all documents included in this article prior to distribution.

VI. WORK NOT INCLUDED IN THIS PROPOSAL

A. The following items are not included in the scope of services, as provided by the Engineer:

1. Technical specification preparation
2. Project advertising

Exhibit A - Attachment 2

Fee Estimate

**Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader
AIP 3-33-0016-TBD-2022**

at

**Portsmouth International Airport
Portsmouth, NH**

SUMMARY		
ARTICLE A	Specifications	\$2,867
ARTICLE B	SRE Fleet Justification	\$4,391
ARTICLE C	Bidding Support Services	\$2,747
ARTICLE D	Project Administration	\$4,123
	TOTAL	\$14,127

ESTIMATE OF STAFF EFFORT - PERSON HOURS

Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader

ARTICLE B - SRE Fleet Justification

Task	Description	Principal-in-Charge	Project Manager	Project Engineer	CADD Tech.	Admin. Support	TOTAL
III.A.1.	Review and Update SRE purchase justification		4				4
III.A.2.	Review and Update SRE listing		1	1			
III.A.3.	Review Priority Pavements & Pavement Clearance Times		1	1			
III.A.4.	Select number and types of equipment		1	8			
III.A.5.	Document in memorandum		2	4			6
III.A.6.	QA/QC	1	4	2			7
III.A.7.	Submit draft		1	1			2
III.A.8.	Revise & Submit final	1	4	8			13
	TOTAL HOURS	2	18	25	0	0	32
	RATES	\$86.44	\$50.50	\$33.00	\$28.00	\$25.99	
	PAYROLL	\$172.87	\$909.07	\$824.97	\$0.00	\$0.00	\$1,906.92

Expenses

\$0

Total Expenses: \$0

Trips

Total Trips: 0

TOTAL PAYROLL \$1,907

OVERHEAD 109.34% \$2,085

PAYROLL COST \$3,992

FIXED FEE 10% \$399

EXPENSES \$0

TOTAL FEE: \$4,391

ESTIMATE OF STAFF EFFORT - PERSON HOURS

Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader

Article C - Bidding Support Services

Task	Description	Principal-in-Charge	Project Manager	Project Engineer	CADD Tech.	Admin. Support	TOTAL
IV.A.	Review addenda (2)		1	4			5
IV.B.	Attend Bid Opening		2				2
IV.C.	Review bid proposal		1	4			5
IV.D.	Assist in identification of apparent low bidder		1	2			3
IV.E.	Buy American Review		8				8
IV.F.	Prepare Contract Set		1	4			5
	TOTAL HOURS	0	14	14	0	0	28
	RATES	\$86.44	\$50.50	\$33.00	\$28.00	\$25.99	
	PAYROLL	\$0.00	\$707.06	\$461.98	\$0.00	\$0.00	\$1,169.04

Expenses

Travel to/from PSM:

\$55

Total Expenses:

\$55

Trips

Attend Bid Opening

1

Total Trips:

1

TOTAL PAYROLL

\$1,169

OVERHEAD

109.34%

\$1,278

PAYROLL COST

\$2,447

FIXED FEE

10%

\$245

EXPENSES

\$55

TOTAL FEE:

\$2,747

ESTIMATE OF STAFF EFFORT - PERSON HOURS

Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader

ARTICLE D - Project Administration

Task	Description	Principal-in-Charge	Project Manager	Project Engineer	CADD Tech.	Admin. Support	TOTAL
V.A.1.	Prepare grant application		2	8			10
V.A.2.	Prepare reimbursements		2				2
V.A.3.	Attend final inspection		4				4
V.A.4.	Collect photographs and equipment receipt paperwork		4				4
V.A.5.	Prepare grant closeout documents		2	4			6
V.A.6.	Prepare scope and fee & scoping meeting	2	8				10
V.A.7.	QA/QC	1					1
	TOTAL HOURS	3	22	12	0	0	37
	RATES	\$86.44	\$50.50	\$33.00	\$28.00	\$25.99	
	PAYROLL	\$259.31	\$1,111.09	\$395.99	\$0.00	\$0.00	\$1,766.39

Expenses

Travel to/from PSM:

\$55

Total Expenses:

\$55

Trips

Final Inspection Meeting

1

Total Trips:

1

TOTAL PAYROLL \$1,766

OVERHEAD 109.34% \$1,931

PAYROLL COST \$3,698

FIXED FEE 10% \$370

SUBCONSULTANTS \$0

EXPENSES \$55

TOTAL FEE: \$4,123

2. EQUIPMENT FEES

BID SUMMARY

Purchase SRE Equipment - Carrier Vehicle with High-Speed Rotary Plow & Carrier Vehicle with Plow & Spreader Pease Development Authority Portsmouth International Airport 3-33-0016-TBD-2022

BID TABULATION

Jacobs

Jacobs No: E2X0504
AIP No.: 3-33-0016-TBD-2022
Subject: Tabulation of Bid Values
Date/Time: 4/4/2022 @ 10:00 AM
Airport: Portsmouth International at Pease
Project: Purchase SRE Equipment - (1) Carrier Vehicle w/ Integrated High-Speed Rotary Plow & (1) Carrier Vehicle w/ Plow & Spreader

Prepared by: J. Pelletier
Reviewed by:

BASE BID				M-B Companies		Wausau Equipment		Fortbrand		Onesach	
ITEM NO.	DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1	Snow Removal Equipment (SRE) - Carrier Vehicle w/ Integrated High-Speed Rotary Plow	1	LS	\$685,250.00	\$ 685,250.00	\$765,208.00	\$ 765,208.00	\$855,000.00	\$ 855,000.00	\$702,400.00	\$ 702,400.00
2	Snow Removal Equipment (SRE) - Carrier Vehicle w/ Plow & Spreader	1	LS	\$325,990.00	\$ 325,990.00	\$382,280.00	\$ 382,280.00	No Bid	\$ -	No Bid	\$ -
Total Bid				\$ 1,211,240.00		\$ 1,157,488.00		\$ 855,000.00		\$ 702,400.00	

APPARENT LOW BIDDER

The apparent low bidder for Item #1: Carrier Vehicle w/ Integrated High-Speed Rotary Plow is M-B Companies, Inc. Pease Development Authority intends to award Item #2 to the lowest bidder, M-B Companies, Inc.

The apparent low bidder for Item #2: Carrier Vehicle w/ Plow & Spreader is Wausau Equipment Company, Inc. However, this bidder has been deemed to be responsible, but not responsive due to material deviations per FAA AIP Handbook (Order 5100.38D Change 1) Table U-8 Paragraph 5.a.i. The Pease Development Authority therefore intends to award Item #2 to the next lowest bidder, M-B Companies, Inc.

M-B Companies' bid will expire on November 1, 2022.