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Victoria F. Sheehan  
Commissioner

THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



William Cass, P.E.  
Assistant Commissioner

September 10, 2021  
Bureau of Aeronautics

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

**REQUESTED ACTION**

Authorize the Department of Transportation to accept and expend Coronavirus Aid, Relief and Economic Security (CARES) Act and the American Rescue Plan (ARP) Act grant funds in the amount of \$9,537.74, or 10% of the total project amount for statewide consultant services agreement. The CARES Act and ARP Act funding is administered via the Federal Aviation Administration (FAA), to cover 10% of the FAA, Airport Improvement Program (AIP) project to the NHDOT, Bureau of Aeronautics from the date of Governor and Council approval through June 30, 2023. 100% Federal Funds.

Funds are to be budgeted in account 04-096-096-964010-2021, Department of Transportation, Federal Local Projects as follows:

	Current Budget FY2022	Requested Change	Revised Budget FY2022
<b>04-096-096-964010-2021</b>			
<b>Federal Local Projects</b>			
<b>Expenses:</b>			
018 500106 Overtime	\$10,000	\$0	\$10,000
060 500601 Benefits	\$1,958	\$0	\$1,958
072 509073 Grants Federal	\$21,602,689	\$9,538	\$21,612,227
Total	\$21,614,647	\$9,538	\$21,624,185
<b>Source of Funds</b>			
<b>Revenue:</b>			
000 404218 Federal Funds	\$21,614,647	\$9,538	\$21,624,185
Total	\$21,614,647	\$9,538	\$21,624,185

**EXPLANATION**

A total of \$12,875.83 (90% of the Task Order project cost) is proposed from an FAA grant for consulting services to acquire an Aircraft Rescue and Fire Fighting (ARFF) vehicle for the NH ARFF Fire Academy from previously budgeted funds (HB 25 2015, 220:1 XVI-A1) and the remaining \$1,430.65 (10% of the Task Order project costs) is proposed from the grant containing ARP Act funding for airport improvements.

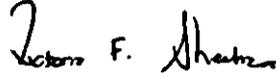
A total of \$72,963.86 (90% of the Task Order project cost) is proposed from an FAA grant to complete an Obstruction Evaluation Study at 2 airports from previously budgeted funds (HB 25 2015, 220:1 XVI-A1) and the remaining \$8,107.09 (10% of the Task Order project costs) is proposed from the grant containing CARES Act funding for airport improvements.

The Department of Transportation accepts the Federal Funds in accordance with RSA 422:15.

In accordance with the FAA Grant Assurances C - Sponsor Certifications, Responsibility and Authority of the Sponsor, the grant funds must be immediately available for the project; therefore, all funding for this project is encumbered in the first fiscal year.

Source of Funds: 100% Federal Funds from the Federal Aviation Administration.

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria F. Sheehan". The signature is written in a cursive style with a large initial "V".

Victoria F. Sheehan  
Commissioner

VFS/tls  
Attachments



U.S. Department  
of Transportation  
Federal Aviation  
Administration

**AVIATION BLOCK GRANT PROGRAM  
GRANT AGREEMENT  
PART I – OFFER**

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Federal Award Offer Date	July 17, 2020
Block Grant Number	N/A
AIP Grant Number	3-33-SBGP-031-2020
Unique Entity Identifier	808591697

**TO:** State of New Hampshire  
(herein called the "State")

**FROM:** The United States of America (acting through the Federal Aviation Administration, herein called the "FAA")

**WHEREAS**, the State has submitted a Block Grant Application dated May 22, 2020 according to the applicable provisions of the former Federal Aviation Act of 1958, as amended and recodified, 49 U.S.C. 40101, et seq., and the former Airport and Airway Improvement Act of 1982 (AAIA), as amended and recodified, 49 U.S.C. 47101, et seq., including 47128, (herein the AAIA grant statute is referred to as "the Act".) The Block Grant Application is included as part of this Grant Agreement;

**WHEREAS**, the FAA has entered into a Block Grant Memorandum of Agreement with the State for the State to carry out grant administrative responsibilities for airport planning, development and noise program implementation projects conforming to 49 U.S.C § 47102 and 49 U.S.C. § 47504-47505 as applicable (herein called the "projects"), at airports in the State that are nonprimary airports as defined in the Act. The projects are further described in the Block Grant Application;

**NOW THEREFORE**, in consideration of the State's ratification of the Block Grant Application, the Assurances: Aviation Block Grant Program, dated September 2006, and Assurances: Airport Sponsors, dated February 2020, as applied and interpreted consistent with the FAA Reauthorization Act of 2018 (See 2018 FAA Reauthorization grant condition), and acceptance of this Offer as hereinafter provided,

THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, OFFERS AND AGREES to pay the United States share of allowable costs in accomplishing projects. The maximum obligation of the United States payable under this Offer is \$2,333,292.

Assistance Listings Number (Formerly CFDA Number): 20.106

This Offer is made on and SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

**CONDITIONS**

1. **Period of Performance.** The period of performance begins on the date the State formally accepts this agreement. Unless explicitly stated otherwise in an amendment from the FAA, the end date of the project period of performance is 4 years (1,460 calendar days) from the date of formal grant acceptance by the State.

The State may only charge allowable costs for obligations incurred prior to the end date of the period of performance (2 CFR § 200.309). Unless the FAA authorizes a written extension, the State must submit all project closeout documentation and liquidate (pay off) all obligations incurred under this award no later than 90 calendar days after the end date of the period of performance (2 CFR § 200.343).

The State must include a period of performance requirement, including start and end dates, in all sub-awards (subgrants) made under this grant agreement. The State must establish subaward period of performance dates in a manner that allows the State to meet the closeout deadline for this agreement, taking into account the time necessary to closeout out all sub-awards covered by this agreement.

The period of performance end date in this grant agreement does not relieve or reduce State or Subgrantee obligations and assurances that extend beyond the closeout of a grant agreement.

2. **Assurance for Subgrantees.** The State must insert the applicable following documents as attachments to all subgrants issued under the grant.
  - A. Assurances: Airport Sponsors (March 2014), or
  - B. Assurances: Non-Airport Sponsors Undertaking Noise Compatibility Program Projects (March 2014), and
  - C. (all subgrants) Current FAA Advisory Circulars Required for Use in AIP Funded and PFC Approved Projects (4/19/2018).
3. **Ineligible or Unallowable Costs.** The State must not include any costs in the project that the FAA has determined to be ineligible or unallowable.
4. **Indirect Costs – Subgrantee.** State may allow a subgrantee to charge indirect costs under this award by applying the indirect cost rate as approved by a Federal cognizant agency and as identified in the subgrant to allowable costs for subgrantee direct salaries and wages that are necessary for carrying out the project. State may charge indirect project costs under this award by applying the indirect costs rate identified in the project application and as accepted by the FAA to allowable project specific costs for State direct salaries and wages that are necessary for administering a subgrant project.

5. **Determining the Final Federal Share of Costs.** The United States' share of allowable project costs will be made in accordance with the regulations, policies and procedures of the Secretary. The FAA's final determination of the United States' share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs.
6. **Completing the Project without Delay and in Conformance with Requirements.** The State must assure that projects are carried out and completed without undue delays and in accordance with this document, the regulations, policies and procedures of the Secretary. The State also agrees to comply with the Grant Assurances which are part of this agreement.
7. **Amendments or Withdrawals before Grant Acceptance.** The FAA reserves the right to amend or withdraw this offer at any time prior to its acceptance by the State.
8. **Offer Expiration Date.** This offer will expire and the United States will not be obligated to pay any part of the costs of the projects unless this offer has been accepted by the State **on or before August 17, 2020** or such subsequent date as may be prescribed in writing by the FAA.
9. **Improper Use of Federal Funds.** The State must take all steps, including litigation if necessary, to recover Federal funds spent fraudulently, wastefully, or in violation of Federal antitrust statutes, or misused in any other manner in any projects upon which Federal funds have been expended. The State must return the recovered Federal share, including funds recovered by settlement, order, or judgment, to the Secretary. The State must furnish to the Secretary, upon request, all documents and records pertaining to the determination of the amount of the Federal share or to any settlement, litigation, negotiation, or other efforts taken to recover such funds. All settlements or other final positions of the State, in court or otherwise, involving the recovery of such Federal share must be approved in advance by the Secretary. For the purposes of this grant agreement, the term "Federal funds" means funds used or disbursed by the State that were originally paid pursuant to this or any other Federal grant agreement. The State must obtain the approval of the Secretary as to any determination of the amount of the Federal share of such funds.
10. **United States Not Liable for Damage or Injury.** The United States is not responsible or liable for damage to property or injury to persons that may arise from, or be incident to, compliance with this Grant Agreement.
11. **Required Federal Provisions.** The State agrees to include a condition in all subgrants that requires the subgrantee to incorporate all required federal contract provisions that apply to a project funded under the Airport Improvement Program.
12. **Nonprimary Entitlement Funds.** \$1,350,000 of the total maximum obligation identified on Page Two of this Grant Offer are nonprimary entitlement funds.  
The State understands and agrees that these funds will be used at the locations and in the amounts listed below:

EEN, Dillant Hopkins Airport, Keene/Swanzey, NH \$150,000

ASH, Boire Field, Nashua, NH, \$150,000

LCI, Laconia Municipal Airport, Gilford, NH, \$150,000

DAW, Skyhaven Airport, Rochester, NH, \$150,000  
HIE, Mt. Washington Regional Airport, Whitefield, NH, \$150,000  
CNH, Claremont Municipal Airport, Claremont, NH, \$150,000  
CON, Concord Municipal Airport, Concord, NH, \$150,000  
BML, Berlin Regional Airport, Milan, NH, \$150,000  
5B9, Dean Memorial Airport, North Haverhill, NH, \$150,000

**13. State Apportionment.**

\$749,963 of the total maximum obligation identified on Page Two of this Grant Offer are state apportionment funds, which may be used at locations included in the State Block Grant Program for eligible projects as determined by the State.

**14. Trafficking In Persons.**

- A. Subrecipients under this agreement that are private entities and the subrecipients' employees may not—
1. Engage in severe forms of trafficking in persons during the period of time that this award is in effect;
  2. Procure a commercial sex act during the period of time that this award is in effect; or
  3. Use forced labor in the performance of this award or subawards under this award.
- B. We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity —
1. Is determined to have violated a prohibition in paragraph A of this award term; or
  2. Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph a.1 of this award term through conduct that is either—
    - a. Associated with performance under this award; or
    - b. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Government wide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR part 1200.
- C. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph A of this award term.
- D. Our right to terminate unilaterally that is described in paragraph A of this section:
1. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and
  2. Is in addition to all other remedies for noncompliance that are available to us under this award.
- E. You must include the requirements of paragraph A of the award tem in any subaward you make to a private entity.

**15. Ban on Texting While Driving.**

- A. In accordance with Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, October 1, 2009, and DOT Order 3902.10, Text Messaging While Driving, December 30, 2009, the State and subrecipients are encouraged to:
  - 1. Adopt and enforce workplace safety policies to decrease crashes caused by distracted drivers including policies to ban text messaging while driving when performing any work for, or on behalf of, the Federal government, including work relating to a grant or subgrant.
  - 2. Conduct workplace safety initiatives in a manner commensurate with the size of the business, such as:
    - a. Establishment of new rules and programs or re-evaluation of existing programs to prohibit text messaging while driving; and
    - b. Education, awareness, and other outreach to employees about the safety risks associated with texting while driving.
- B. The State must insert this clause on banning texting while driving in all subgrants, contracts and subcontracts that result from this grant.

**16. Runway Safety Area Determination.** The State agrees not to issue any subgrant(s) to fund runway construction, reconstruction, or significant expansion that involves Federal funds until the FAA has made a Runway Safety Area Determination for that runway in accordance with FAA Order S200.8 "Runway Safety Area Program".**17. Audits for Public Sponsors.**

- A. Provide for an audit in accordance with 2 CFR § 200.501.
- B. Submit the Single Audit reporting package to the Federal Audit Clearinghouse on the Federal Audit Clearinghouse's Internet Data Entry System at <http://harvester.census.gov/facweb/>.
- C. Provide the FAA one copy of the completed Single Audit or program specific audit if requested.
- D. Insert a requirement in all subawards that requires a subgrantee expending \$750,000 or more of Federal awards in a fiscal year to conduct a single or program specific audit in accordance with 2 CFR part 200.

**18. Suspension or Debarment.** The State must:

- A. Immediately disclose to the FAA whenever the State:
  - 1. Learns a sub-recipient has entered into a covered transaction with an ineligible entity;
  - 2. Suspends or debar a contractor, person or entity.
- B. Include a provision in all sub-awards that requires subrecipients entering into "covered transactions", as defined by 2 CFR § 180.200, to:
  - 1. Verify the non-federal entity is eligible to participate in this Federal program by:
    - a. Checking the excluded parties list system (EPLS) as maintained within the System for Award Management (SAM) to determine if non-federal entity is excluded or disqualified; or
    - b. Collecting a certification statement from the non-federal entity attesting they are not excluded or disqualified from participating; or

- c. Adding a clause or condition to covered transactions attesting individual or firm are not excluded or disqualified from participating.
    - 2. Require prime contractors to comply with 2 CFR § 180.330 when entering into lower-tier transactions (e.g. Sub-contracts).
  - C. The State must also insert this clause on suspension or debarment in all subgrants, contracts and subcontracts that result from this grant.
- 19. System for Award Management (SAM) Registration And Universal Identifier.**
- A. Requirement for System for Award Management (SAM): Unless the State or subgrantee is exempted from this requirement under 2 CFR 25.110, the State and subgrantee must maintain the currency of its information in the SAM until the State submits the final financial report required under this grant, or receives the final payment, whichever is later. This requires that the State review and update the information at least annually after the initial registration and more frequently if required by changes in information or another award term. Additional information about registration procedures may be found at the SAM website (currently at <http://www.sam.gov>).
  - B. Unique entity identifier (UEI) means a 12-character alpha-numeric value used to identify a specific commercial, nonprofit or governmental entity. A UEI may be obtained from SAM.gov at <https://sam.gov/SAM/pages/public/index.jsf>.
  - C. The State must also insert this clause on system for award management (SAM) registration and universal identifier in all subgrants that result from this grant.
- 20. Electronic Grant Payment(s).** Unless otherwise directed by the FAA, the State must make each payment request under this agreement electronically via the Delphi eInvoicing System for Department of Transportation (DOT) Financial Assistance Awardees.
- 21. Reporting Subgrants and Executive Compensation.**
- A. State Reporting Requirements of Subgrants.
    - 1. In accordance with the Federal Funding Accountability and Transparency Act (Public Law 109-282, as amended by section 6202(a) of Public Law 110-252), the State must report each action that obligates \$25,000 or more in Federal funds for a subgrant to a subgrant recipient (subrecipient) unless the State is exempt. (More information can be found at 17 CFR 229.402(c)(2)).
    - 2. The State must report each subgrant to <http://www.fsrs.gov>.
    - 3. The State must report the subgrant information no later than the end of the month following the month in which the obligation (the subgrant) was made. (For example, if the subgrant was made on November 7, 2014, the subgrant must be reported by no later than December 31, 2014.)
    - 4. The State must report the information about each obligating action specified in the submission instructions posted at <http://www.fsrs.gov>.
  - B. State Reporting Total Compensation of State Executives.
    - 1. The State must report total compensation for each of its five most highly compensated executives for the preceding completed fiscal year, if—
      - a. the total Federal funding authorized to date under this grant is \$25,000 or more;

- b. in the preceding fiscal year, the State received—
  - (i) 80 percent or more of the annual gross revenues from Federal grants, procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subgrants); and
  - (ii) \$25,000,000 or more in annual gross revenues from Federal grants, Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subgrants); and
  - (iii) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
- 2. The State must report its executive total compensation:
  - a. As part of the State's registration profile at <http://www.sam.gov>.
  - b. By the end of the month following the month in which this award is made, and annually thereafter.
- C. State Reporting of Subrecipient Executive Total Compensation.
  - 1. Unless the Subrecipient is exempt, the State must report the names and total compensation of each of its subrecipient's five most highly compensated executives for each subrecipient in the preceding completed fiscal year, if—
    - a. In the subrecipient's preceding fiscal year, the subrecipient received—
      - (i) 80 percent or more of its annual gross revenues from subgrants, Federal procurement contracts (and subcontracts) and Federal financial assistance subject to the Transparency Act, as defined at 2 CFR 170.320 (and subgrants); and
      - (ii) \$25,000,000 or more in annual gross revenues from subgrants, Federal procurement contracts (and subcontracts), and Federal financial assistance subject to the Transparency Act (and subgrants); and
      - (iii) The public does not have access to information about the compensation of the executives through periodic reports filed under section 13(a) or 15(d) of the Securities Exchange Act of 1934 (15 U.S.C. 78m(a), 78o(d)) or section 6104 of the Internal Revenue Code of 1986. (To determine if the public has access to the compensation information, see the U.S. Security and Exchange Commission total compensation filings at <http://www.sec.gov/answers/execomp.htm>.)
  - 2. The subrecipient must report subrecipient executive total compensation:
    - a. To the State.
    - b. By the end of the month following the month during which the State makes the subgrant. For example, if a subgrant is obligated on any date during the month of October of a given year (i.e., between October 1 and 31), the subrecipient must report any required compensation information of the subrecipient by November 30 of that year.
- D. Exemptions

If, in the previous tax year, the State or subrecipient had gross income, from all sources, under \$300,000, it is exempt from the requirements to report:

1. Subgrants, and
  2. The total compensation of the five most highly compensated executives of any subrecipient.
22. **Exhibit "A" Property Map.** The State will ensure that any airport receiving funding under this Block Grant has a current Exhibit "A" Property Map incorporated by reference or has submitted a current Exhibit "A" Property Map with their request for funding to the State.
23. **Buy American Requirement.**
- A. Unless otherwise approved by the FAA, the State must ensure the subrecipient does not acquire or permit any contractor or subcontractor to acquire any steel or manufactured products produced outside the United States to be used for any project for airport development or noise compatibility for which funds are provided under this grant. The State will require the subrecipient to include in every contract a provision implementing this special condition.
  - B. The State must also insert this clause on buy American requirement in all subgrants, contracts and subcontracts that result from this grant.
24. **Small Airport Fund.** This grant includes funding from the Small Airport Fund.
25. **Employee Protection from Reprisal.**
- A. Prohibition of Reprisals –
    1. In accordance with 41 U.S.C. § 4712, an employee of a grantee or subgrantee may not be discharged, demoted, or otherwise discriminated against as a reprisal for disclosing to a person or body described in sub-paragraph (A)(2), information that the employee reasonably believes is evidence of:
      - i. Gross mismanagement of a Federal grant;
      - ii. Gross waste of Federal funds;
      - iii. An abuse of authority relating to implementation or use of Federal funds;
      - iv. A substantial and specific danger to public health or safety; or
      - v. A violation of law, rule, or regulation related to a Federal grant.
    2. Persons and bodies covered: The persons and bodies to which a disclosure by an employee is covered are as follows:
      - i. A member of Congress or a representative of a committee of Congress;
      - ii. An Inspector General;
      - iii. The Government Accountability Office;
      - iv. A Federal office or employee responsible for oversight of a grant program;
      - v. A court or grand jury;
      - vi. A management office of the grantee or subgrantee; or
      - vii. A Federal or State regulatory enforcement agency.
  - B. Submission of Complaint – A person who believes that they have been subjected to a reprisal prohibited by paragraph A of this grant term may submit a complaint regarding the reprisal to the Office of Inspector General (OIG) for the U.S. Department of Transportation.
  - C. Time Limitation for Submittal of a Complaint - A complaint may not be brought under this subsection more than three years after the date on which the alleged reprisal took place.

- D. Required Actions of the Inspection General - Actions, limitations and exceptions of the Inspector General's office are established under 41 U.S.C. § 4712(b).
  - E. Assumption of Rights to Civil Remedy - Upon receipt of an explanation of a decision not to conduct or continue an investigation by the Office of Inspector General, the person submitting a complaint assumes the right to a civil remedy under 41 U.S.C. § 4712(c).
  - F. The State must insert this clause on employee protection from reprisal in all subgrants that result from this grant agreement.
26. **Land Acquisition.** The State agrees to include the following condition in all sub-awards that include acquisition of airport property and airport property rights.
- A. "The Sponsor agrees that no payments will be made on the grant until the Sponsor has presented evidence to the State that it has recorded the grant agreement, including the grant assurances, in the public land records of the county courthouse. The Sponsor understands and agrees that recording the grant agreement legally enforces these requirements, encumbrances and restrictions on the obligated land."
27. **2018 FAA Reauthorization.** This grant agreement is subject to the terms and conditions contained herein including the terms known as the Grant Assurances as they were published in the Federal Register on April 3, 2014. On October 5, 2018, the FAA Reauthorization Act of 2018 made certain amendments to 49 U.S.C. chapter 471. The Reauthorization Act will require FAA to make certain amendments to the assurances in order to best achieve consistency with the statute. Federal law requires that FAA publish any amendments to the assurances in the Federal Register along with an opportunity to comment. In order not to delay the offer of this grant, the existing assurances are attached herein; however, FAA shall interpret and apply these assurances consistent with the Reauthorization Act. To the extent there is a conflict between the assurances and Federal statutes, the statutes shall apply. The full text of the Act is at <https://www.congress.gov/bill/115th-congress/house-bill/302/text>.

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The State's acceptance of this Offer and ratification and adoption of the Block Grant Application incorporated herein shall be evidenced by execution of this instrument by the State, as hereinafter provided, and this Offer and Acceptance comprises a Grant Agreement, as provided by the Act, constituting the contractual obligations and rights of the United States and the State with respect to the accomplishment of the projects and compliance with the grant assurances and conditions as provided herein. Such Grant Agreement will become effective upon the State's Acceptance of this Offer.

**UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION**

*Gail Lattrell*

Gail Lattrell (Jul 17, 2020 11:18 EDT)

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*(Signature)*

Gail Lattrell

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*(Typed Name)*

Director, Airports Division

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*(Title)*

PART II – ACCEPTANCE

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The State does hereby ratify and adopt all Assurances, statements, representations, warranties, covenants, and agreements contained in the Block Grant Application and incorporated materials referred to in the foregoing Offer and does hereby accept this Offer and by such Acceptance agrees to comply with all of the terms and Conditions in this Offer and in the Block Grant Application.

I declare under penalty of perjury that the foregoing is true and correct.<sup>1</sup>

Dated July 17, 2020

State of New Hampshire

*(Name of Sponsor)*

Patrick C. Herlihy

Patrick C. Herlihy (Jul 17, 2020 13:24 EDT)

*(Signature of Sponsor's Authorized Official)*

By: Patrick C. Herlihy

*(Typed Name of Sponsor's Authorized Official)*

Title: Director of Aeronautics, Rail and Transit

*(Title of Sponsor's Authorized Official)*

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<sup>1</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

**CERTIFICATE OF STATE'S ATTORNEY**

I, Allison B Greenstein, acting as Attorney for the Sponsor do hereby certify:

That in my opinion the State is empowered to enter into the foregoing Grant Agreement under the laws of the State of New Hampshire. Further, I have examined the foregoing Grant Agreement and the actions taken by said State and State's official representative has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the said State and the Act. Further, it is my opinion that the said Grant Agreement constitutes a legal and binding obligation of the State in accordance with the terms thereof.

Dated at July 17, 2020

By: Allison B Greenstein  
Allison B Greenstein (Jul 17, 2020 14:07 EDT)  

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*(Signature of Sponsor's Attorney)*



U.S. Department  
of Transportation  
Federal Aviation  
Administration

Airports Division  
New England Region  
CT, ME, MA, NH, RI, & VT

FAA ANE-600  
1200 District Ave.  
Burlington, MA 01803

August 24, 2021

Mr. Patrick C. Herlihy  
Director of Aeronautics, Rail and Transit - NHDOT  
New Hampshire Department of Transportation  
John O. Morton Building  
7 Hazen Drive  
Concord, New Hampshire 03301

Dear Mr. Herlihy:

We are transmitting to you for execution the Grant Offer for Airport Improvement Program (AIP) Project No. 3-33-0016-072-2021 N.H. Aircraft Rescue & Fire Fighter (ARFF) Training Facility located in Concord, N.H. This letter outlines expectations for success. Please read the conditions and assurances carefully.

To properly enter into this agreement, you must do the following:

- a. The governing body must provide authority to execute the grant to the individual signing the grant; i.e. the sponsor's authorized representative.
- b. The sponsor's authorized representative must execute the grant by providing their electronic signature.
- c. Once the sponsor's authorized representative has electronically signed the grant, the sponsor's attorney will automatically be sent via email the grant to provide their electronic signature.
- d. You may not make any modification to the text, terms or conditions of the grant offer.
- e. Following the attorney's action, the executed grant will be automatically sent to all parties as an attachment to an email.
- f. The sponsor's authorized representative must execute the grant, followed by the attorney's action, **no later than September 16, 2021** in order for the grant to be valid.

Subject to the requirements in 2 CFR §200.305, each payment request for reimbursement under this grant must be made electronically via the Delphi eInvoicing System. Please see the attached Grant Agreement for more information regarding the use of this System.

The terms and conditions of this agreement require you to complete the project without undue delay. We will be monitoring your progress to ensure proper stewardship of these Federal funds. **We expect you to submit payment requests for reimbursement of allowable incurred project expenses consistent with project progress.** Should you fail to make draws on a regular basis, your grant may be placed in "inactive" status, which will affect your ability to receive future grant offers.

Until the grant is completed and closed, you are responsible for submitting formal reports as follows:

- A signed/dated SF-270 (non-construction projects) or SF-271 or equivalent (construction projects) and SF-425 annually, due 90 days after the end of each federal fiscal year in which this grant is open (due December 31 of each year this grant is open); and
- Performance Reports, which are due within 30 days of the end of a reporting period as follows:
  1. Non-construction project: Due annually at end of the Federal fiscal year.
  2. Construction project: Submit FAA form 5370-1, Construction Progress and Inspection Report at the end of each fiscal quarter.

As a condition of receiving Federal assistance under this award, you must comply with audit requirements as established under 2 CFR part 200. Subpart F requires non-Federal entities that expend \$750,000 or more in Federal awards to conduct a single or program specific audit for that year. Note that this includes Federal expenditures made under other Federal-assistance programs. Please take appropriate and necessary action to assure your organization will comply with applicable audit requirements and standards.

Once the project(s) is completed and all costs are determined, we ask that you close the project without delay and submit the necessary final closeout documentation as required by your Region/Airports District Office.

John Kirkendall, (781) 238-7629, is the assigned program manager for this grant and is readily available to assist you and your designated representative with the requirements stated herein. We sincerely value your cooperation in these efforts and look forward to working with you to complete this important project.

Sincerely,

*Julie Seltsam-Wilps*  
Julie Seltsam-Wilps (Aug 24, 2021 12:41 EDT)

Julie Seltsam-Wilps

Deputy Director, Airports Division



U.S. Department  
of Transportation  
Federal Aviation  
Administration

## FAA Airport Improvement Program (AIP)

### GRANT AGREEMENT

#### Part I - Offer

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Federal Award Offer Date	August 24, 2021
Airport/Planning Area	Portsmouth International at Pease Airport/New Hampshire Aircraft Rescue & Fire Fighting Training Facility located in Concord, N.H.
FY2021 AIP Grant Number	3-33-0016-072-2021
Unique Entity Identifier	620094771

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TO: Pease Development Authority  
(herein called the "Sponsor") (For Co-Sponsors, list all Co-Sponsor names. The word "Sponsor" in this Grant Agreement also applies to a Co-Sponsor.)  
State of New Hampshire, NHDOT/Bureau of Aeronautics  
State of New Hampshire, NHDOS/Division of Fire Standards, Training & EMS

FROM: **The United States of America** (acting through the Federal Aviation Administration, herein called the "FAA")

**WHEREAS**, the Sponsor has submitted to the FAA a Project Application dated May 3, 2021, for a grant of Federal funds for a project at or associated with the Portsmouth International at Pease Airport, which is included as part of this Grant Agreement; and

**WHEREAS**, the FAA has approved a project for the Portsmouth International at Pease Airport (herein called the "Project") consisting of the following:

Acquire Aircraft Rescue & Fire Fighting (ARFF) Vehicle for N.H. ARFF Training Center,  
 which is more fully described in the Project Application.

**NOW THEREFORE**, Pursuant to and for the purpose of carrying out the FAA Reauthorization Act of 2018 (Public Law Number 115-254); Title 49, United States Code (U.S.C.), Chapters 471 and 475; 49 U.S.C. §§ 40101 et seq., and 48103; the Department of Transportation Appropriations Act, 2021 (Public Law 116-260, Division L), as further amended by the American Rescue Plan Act of 2021 (Public Law 117-2); and the representations contained in the Project Application; and in consideration of: (a) the Sponsor's adoption and ratification of the Grant Assurances attached hereto (b) the Sponsor's acceptance of this Offer; and (c) the benefits to accrue to the United States and the public from the accomplishment of the Project and compliance with the Grant Assurance and conditions as herein provided;

THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay 100 percent of the allowable costs incurred accomplishing the Project as the United States share of the Project.

Assistance Listings Number (Formerly CFDA Number): 20.106

This Offer is made on and SUBJECT TO THE FOLLOWING TERMS AND CONDITIONS:

### CONDITIONS

1. **Maximum Obligation.** The maximum obligation of the United States payable under this Offer is \$860,100.

The following amounts represent a breakdown of the maximum obligation for the purpose of establishing allowable amounts for any future grant amendment, which may increase the foregoing maximum obligation of the United States under the provisions of 49 U.S.C. § 47108(b):

\$ 0 for planning;

\$ 860,100 airport development or noise program implementation; and,

\$ 0 for land acquisition.

2. **Grant Performance.** This Grant Agreement is subject to the following Federal award requirements:

- a. **Period of Performance:**

1. Shall start on the date the Sponsor formally accepts this Agreement and is the date signed by the last Sponsor signatory to the Agreement. The end date of the Period of Performance is 4 years (1,460 calendar days) from the date of acceptance. The Period of Performance end date shall not affect, relieve, or reduce Sponsor obligations and assurances that extend beyond the closeout of this Grant Agreement.
2. Means the total estimated time interval between the start of an initial Federal award and the planned end date, which may include one or more funded portions or budget periods. (2 Code of Federal Regulations (CFR) § 200.1).

- b. **Budget Period:**

1. For this Grant is 4 years (1,460 calendar days) and follows the same start and end date as the period of performance provided in Paragraph a.1. Pursuant to 2 CFR § 200.403(h), the Sponsor may charge to the Grant only allowable costs incurred during the Budget Period.
2. Means the time interval from the start date of a funded portion of an award to the end date of that funded portion during which the Sponsor is authorized to expend the funds awarded, including any funds carried forward or other revisions pursuant to § 200.308.

- c. **Close Out and Termination**

1. Unless the FAA authorizes a written extension, the Sponsor must submit all Grant closeout documentation and liquidate (pay-off) all obligations incurred under this award no later than 120 calendar days after the end date of the period of performance. If the Sponsor does not submit all required closeout documentation within this time period, the FAA will proceed to close out the grant within one year of the period of performance end date with the information available at the end of 120 days. (2 CFR § 200.344).
2. The FAA may terminate this Grant, in whole or in part, in accordance with the conditions set forth in 2 CFR § 200.340, or other Federal regulatory or statutory authorities as applicable.

3. **Ineligible or Unallowable Costs.** The Sponsor must not include any costs in the project that the FAA has determined to be ineligible or unallowable.

4. **Indirect Costs - Sponsor.** The Sponsor may charge indirect costs under this award by applying the indirect cost rate identified in the project application as accepted by the FAA, to allowable costs for Sponsor direct salaries and wages.
5. **Determining the Final Federal Share of Costs.** The United States' share of allowable project costs will be made in accordance with 49 U.S.C. § 47109, the regulations, policies, and procedures of the Secretary, and any superseding legislation. Final determination of the United States' share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs.
6. **Completing the Project Without Delay and in Conformance with Requirements.** The Sponsor must carry out and complete the project without undue delays and in accordance with this Agreement, 49 U.S.C. Chapters 471 and 475, and the regulations, policies, and procedures of the Secretary of Transportation ("Secretary"). Per 2 CFR § 200.308, the Sponsor agrees to report to the FAA any disengagement from performing the project that exceeds three months or a 25 percent reduction in time devoted to the project, and request prior approval from FAA. The report must include a reason for the project stoppage. The Sponsor also agrees to comply with the grant assurances, which are part of this Agreement.
7. **Amendments or Withdrawals before Grant Acceptance.** The FAA reserves the right to amend or withdraw this offer at any time prior to its acceptance by the Sponsor.
8. **Offer Expiration Date.** This offer will expire and the United States will not be obligated to pay any part of the costs of the project unless this offer has been accepted by the Sponsor **on or before September 16, 2021**, or such subsequent date as may be prescribed in writing by the FAA.
9. **Improper Use of Federal Funds.** The Sponsor must take all steps, including litigation if necessary, to recover Federal funds spent fraudulently, wastefully, or in violation of Federal antitrust statutes, or misused in any other manner for any project upon which Federal funds have been expended. For the purposes of this Grant Agreement, the term "Federal funds" means funds however used or dispersed by the Sponsor, that were originally paid pursuant to this or any other Federal grant agreement. The Sponsor must obtain the approval of the Secretary as to any determination of the amount of the Federal share of such funds. The Sponsor must return the recovered Federal share, including funds recovered by settlement, order, or judgment, to the Secretary. The Sponsor must furnish to the Secretary, upon request, all documents and records pertaining to the determination of the amount of the Federal share or to any settlement, litigation, negotiation, or other efforts taken to recover such funds. All settlements or other final positions of the Sponsor, in court or otherwise, involving the recovery of such Federal share require advance approval by the Secretary.
10. **United States Not Liable for Damage or Injury.** The United States is not responsible or liable for damage to property or injury to persons which may arise from, or be incident to, compliance with this Grant Agreement.
11. **System for Award Management (SAM) Registration and Unique Entity Identifier (UEI).**
  - a. Requirement for System for Award Management (SAM): Unless the Sponsor is exempted from this requirement under 2 CFR 25.110, the Sponsor must maintain the currency of its information in the SAM until the Sponsor submits the final financial report required under this Grant, or receives the final payment, whichever is later. This requires that the Sponsor review and update the information at least annually after the initial registration and more frequently if required by changes in information or another award term. Additional information about registration procedures may be found at the SAM website (currently at <http://www.sam.gov>).

- b. Unique entity identifier (UEI) means a 12-character alpha-numeric value used to identify a specific commercial, nonprofit or governmental entity. A UEI may be obtained from SAM.gov at <https://sam.gov/SAM/pages/public/index.jsf>.

12. **Electronic Grant Payment(s).** Unless otherwise directed by the FAA, the Sponsor must make each payment request under this Agreement electronically via the Delphi eInvoicing System for Department of Transportation (DOT) Financial Assistance Awardees.

13. **Informal Letter Amendment of AIP Projects.** If, during the life of the project, the FAA determines that the maximum grant obligation of the United States exceeds the expected needs of the Sponsor by \$25,000 or five percent (5%), whichever is greater, the FAA can issue a letter amendment to the Sponsor unilaterally reducing the maximum obligation.

The FAA can also issue a letter to the Sponsor increasing the maximum obligation if there is an overrun in the total actual eligible and allowable project costs to cover the amount of the overrun provided it will not exceed the statutory limitations for grant amendments. The FAA's authority to increase the maximum obligation does not apply to the "planning" component of Condition No. 1.

The FAA can also issue an informal letter amendment that modifies the grant description to correct administrative errors or to delete work items if the FAA finds it advantageous and in the best interests of the United States.

An informal letter amendment has the same force and effect as a formal grant amendment.

14. **Air and Water Quality.** The Sponsor is required to comply with all applicable air and water quality standards for all projects in this grant. If the Sponsor fails to comply with this requirement, the FAA may suspend, cancel, or terminate this Grant Agreement.

15. **Financial Reporting and Payment Requirements.** The Sponsor will comply with all Federal financial reporting requirements and payment requirements, including submittal of timely and accurate reports.

16. **Buy American.** Unless otherwise approved in advance by the FAA, in accordance with 49 U.S.C. § 50101, the Sponsor will not acquire or permit any contractor or subcontractor to acquire any steel or manufactured products produced outside the United States to be used for any project for which funds are provided under this grant. The Sponsor will include a provision implementing Buy American in every contract and subcontract awarded under this Grant.

17. **Maximum Obligation Increase.** In accordance with 49 U.S.C. § 47108(b)(3), as amended, the maximum obligation of the United States, as stated in Condition No. 1 of this Grant Offer:

- a. May not be increased for a planning project;
- b. May be increased by not more than 15 percent for development projects if funds are available;
- c. May be increased by not more than the greater of the following for a, land project, if funds are available:
  1. 15 percent; or
  2. 25 percent of the total increase in allowable project costs attributable to acquiring an interest in the land.

If the sponsor requests an increase, any eligible increase in funding will be subject to the United States Government share as provided in 49 U.S.C. § 47110, or other superseding legislation if applicable, for the fiscal year appropriation with which the increase is funded. The FAA is not responsible for the same Federal share provided herein for any amount increased over the initial grant amount. The FAA may adjust the Federal share as applicable through an informal letter of amendment.

18. **Audits for Sponsors.**

**PUBLIC SPONSORS.** The Sponsor must provide for a Single Audit or program-specific audit in accordance with 2 CFR Part 200. The Sponsor must submit the audit reporting package to the Federal Audit

Clearinghouse on the Federal Audit Clearinghouse's Internet Data Entry System at <http://harvester.census.gov/facweb/>. Upon request of the FAA, the Sponsor shall provide one copy of the completed audit to the FAA.

19. **Suspension or Debarment.** When entering into a "covered transaction" as defined by 2 CFR § 180.200, the Sponsor must:
- a. Verify the non-Federal entity is eligible to participate in this Federal program by:
    1. Checking the excluded parties list system (EPLS) as maintained within the System for Award Management (SAM) to determine if the non-Federal entity is excluded or disqualified; or
    2. Collecting a certification statement from the non-Federal entity attesting they are not excluded or disqualified from participating; or
    3. Adding a clause or condition to covered transactions attesting individual or firm are not excluded or disqualified from participating.
  - b. Require prime contractors to comply with 2 CFR § 180.330 when entering into lower-tier transactions (e.g. Sub-contracts).
  - c. Immediately disclose to the FAA whenever the Sponsor (1) learns they have entered into a covered transaction with an ineligible entity or (2) suspends or debar a contractor, person, or entity.
20. **Ban on Texting While Driving.**
- a. In accordance with Executive Order 13513, Federal Leadership on Reducing Text Messaging While Driving, October 1, 2009, and DOT Order 3902.10, Text Messaging While Driving, December 30, 2009, the Sponsor is encouraged to:
    1. Adopt and enforce workplace safety policies to decrease crashes caused by distracted drivers including policies to ban text messaging while driving when performing any work for, or on behalf of, the Federal government, including work relating to a grant or subgrant.
    2. Conduct workplace safety initiatives in a manner commensurate with the size of the business, such as:
      - a. Establishment of new rules and programs or re-evaluation of existing programs to prohibit text messaging while driving; and
      - b. Education, awareness, and other outreach to employees about the safety risks associated with texting while driving.
  - b. The Sponsor must insert the substance of this clause on banning texting while driving in all subgrants, contracts, and subcontracts funded with this Grant.
21. **Trafficking in Persons.**
- a. You as the recipient, your employees, subrecipients under this Grant, and subrecipients' employees may not –
    1. Engage in severe forms of trafficking in persons during the period of time that the Grant and applicable conditions are in effect;
    2. Procure a commercial sex act during the period of time that the Grant and applicable conditions are in effect; or
    3. Use forced labor in the performance of the Grant or any subgrants under this Grant.
  - b. We as the Federal awarding agency, may unilaterally terminate this Grant, without penalty, if you or a subrecipient that is a private entity –
    1. Is determined to have violated a prohibition in paragraph a. of this condition; or
    2. Has an employee who is determined by the agency official authorized to terminate the Grant to have violated a prohibition in paragraph a. of this condition through conduct that is either –

- a. Associated with performance under this Grant; or
  - b. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR Part 180, "OMB Guidelines to Agencies on Government-wide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 49 CFR Part 29.
  - c. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a. of this condition.
  - d. Our right to terminate unilaterally that is described in paragraph a. of this condition:
    - i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and
    - ii. Is in addition to all other remedies for noncompliance that are available to us under this Grant Agreement.
22. **AIP Funded Work Included in a PFC Application.** Within 90 days of acceptance of this Grant Agreement, the Sponsor must submit to the FAA an amendment to any approved Passenger Facility Charge (PFC) application that contains an approved PFC project also covered under this Grant Agreement as described in the project application. The airport sponsor may not make any expenditure under this Grant Agreement until project work addressed under this Grant Agreement is removed from an approved PFC application by amendment.
23. **Exhibit "A" Property Map.** The two parcels that make up the land for the New Hampshire ARFF Training Facility is held by the State of New Hampshire, NHDOS/Division of Fire Standards, Training & EMS. The two parcels that make up this facility are recorded with New Hampshire Merrimack County Registry of Deeds Book 2200 Page 1334 and Book 2200 Page 1331.
24. **Employee Protection from Reprisal.**
- a. Prohibition of Reprisals —
    - 1. In accordance with 41 U.S.C. § 4712, an employee of a Sponsor, grantee, subgrantee, contractor, or subcontractor may not be discharged, demoted, or otherwise discriminated against as a reprisal for disclosing to a person or body described in sub-paragraph a.2. below, information that the employee reasonably believes is evidence of:
      - i. Gross mismanagement of a Federal grant;
      - ii. Gross waste of Federal funds;
      - iii. An abuse of authority relating to implementation or use of Federal funds;
      - iv. A substantial and specific danger to public health or safety; or
      - v. A violation of law, rule, or regulation related to a Federal grant.
    - 2. Persons and bodies covered. The persons and bodies to which a disclosure by an employee is covered are as follows:
      - i. A member of Congress or a representative of a committee of Congress;
      - ii. An Inspector General;
      - iii. The Government Accountability Office;
      - iv. A Federal employee responsible for contract or grant oversight or management at the relevant agency;
      - v. A court or grand jury;
      - vi. A management official or other employee of the Sponsor, contractor, or subcontractor who has the responsibility to investigate, discover, or address misconduct; or
      - vii. An authorized official of the Department of Justice or other law enforcement agency.

3. **Submission of Complaint** — A person who believes that they have been subjected to a reprisal prohibited by paragraph a of this grant term may submit a complaint regarding the reprisal to the Office of Inspector General (OIG) for the U.S. Department of Transportation.
  4. **Time Limitation for Submittal of a Complaint** — A complaint may not be brought under this condition more than three years after the date on which the alleged reprisal took place.
  5. **Required Actions of the Inspector General** — Actions, limitations, and exceptions of the Inspector General's office are established under 41 U.S.C. § 4712(b).
  6. **Assumption of Rights to Civil Remedy** — Upon receipt of an explanation of a decision not to conduct or continue an investigation by the Office of Inspector General, the person submitting a complaint assumes the right to a civil remedy under 41 U.S.C. § 4712(c).
25. **Co-Sponsor.** The Co-Sponsors understand and agree that they jointly and severally adopt and ratify the representations and assurances contained therein and that the word "Sponsor" as used in the application and other assurances is deemed to include all Co-Sponsors.

### SPECIAL CONDITIONS

26. **ARFF and SRE Equipment and Vehicles.** The Sponsor agrees that it will:
- a. House and maintain the equipment in a state of operational readiness on and for the NH ARFF Training Center;
  - b. Provide the necessary staffing and training to maintain and operate the vehicle and equipment;
  - c. Restrict the vehicle to NH ARFF Training Center property use only;
  - d. Restrict the vehicle to the use for which it was intended; and
27. **Equipment or Vehicle Replacement (Trade-In).** The Sponsor agrees that it will use the proceeds from the trade-in or sale of equipment being replaced by this project to reduce the total project costs.
28. **Equipment Acquisition.** The Sponsor understands and agrees that any equipment acquired through this Grant is considered a *facility* as that term is used in the Grant Assurances. Further, the equipment must be only operated by the Sponsor. The Sponsor agrees that it will maintain the equipment and use it exclusively at the NH ARFF Training Center for training purposes.
29. **Buy American Executive Orders.** The Sponsor agrees to abide by applicable Executive Orders in effect at the time this Grant Agreement is executed, including Executive Order 14005, Ensuring the Future Is Made in All of America by All of America's Workers.

The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and this Offer and Acceptance shall comprise a Grant Agreement, constituting the contractual obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and compliance with the Grant Assurances, terms, and conditions as provided herein. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.<sup>1</sup>

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION

Julie Seltsam-Wilps  
Julie Seltsam-Wilps (Aug 24, 2021 12:41 EDT)

(Signature)

Julie Seltsam-Wilps

(Typed Name)

Deputy Director, Airports Division

(Title of FAA Official)

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<sup>1</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

**Part II - Acceptance**

The Sponsor does hereby ratify and adopt all assurances, statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer, and does hereby accept this Offer and by such acceptance agrees to comply with all of the Grant Assurances, terms, and conditions in this Offer and in the Project Application.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.<sup>2</sup>

Dated August 24, 2021

Pease Development Authority

*(Name of Sponsor)*

Paul E. Brean

Paul E. Brean (Aug 24, 2021 13:20 EDT)

*(Signature of Sponsor's Authorized Official)*

By: Paul E. Brean

*(Typed Name of Sponsor's Authorized Official)*

Title: Executive Directro

*(Title of Sponsor's Authorized Official)*

<sup>2</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

**CERTIFICATE OF SPONSOR'S ATTORNEY**

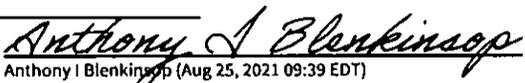
I, Anthony I Blenkinsop, acting as Attorney for the Sponsor do hereby certify:

That in my opinion the Sponsor is empowered to enter into the foregoing Grant Agreement under the laws of the State of New Hampshire. Further, I have examined the foregoing Grant Agreement and the actions taken by said Sponsor and Sponsor's official representative, who has been duly authorized to execute this Grant Agreement, which is in all respects due and proper and in accordance with the laws of the said State, the FAA Reauthorization Act of 2018 (Public Law Number 115-254); Title 49 U.S.C., Chapters 471 and 475; 49 U.S.C. §§ 40101, et seq., and 48103; and the Department of Transportation Appropriations Act, 2021 (Public Law 116-260, Division L), as further amended by the American Rescue Plan Act of 2021 (Public Law 117-2). In addition, for grants involving projects to be carried out on property not owned by the Sponsor, there are no legal impediments that will prevent full performance by the Sponsor. Further, it is my opinion that the said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.<sup>3</sup>

Dated at August 25, 2021

  
By: Anthony I Blenkinsop (Aug 25, 2021 09:39 EDT)  
(Signature of Sponsor's Attorney)

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<sup>3</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

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The Sponsor does hereby ratify and adopt all assurances, statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer, and does hereby accept this Offer and by such acceptance agrees to comply with all of the Grant Assurances, terms, and conditions in this Offer and in the Project Application.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.<sup>5</sup>

Dated August 25, 2021

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State of New Hampshire  
NHDOT/Bureau of Aeronautics

*(Name of Sponsor)*

*Patrick C. Herlihy*

Patrick C. Herlihy (Aug 25, 2021 13:18 EDT)

*(Signature of Sponsor's Authorized Official)*

By: Patrick C. Herlihy

*(Typed Name of Sponsor's Authorized Official)*

Title: Director of Aeronautics, Rail and Transit

*(Title of Sponsor's Authorized Official)*

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<sup>2</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

**CERTIFICATE OF SPONSOR'S ATTORNEY**

I, Allison Greenstein, acting as Attorney for the Sponsor do hereby certify:

That in my opinion the Sponsor is empowered to enter into the foregoing Grant Agreement under the laws of the State of New Hampshire. Further, I have examined the foregoing Grant Agreement and the actions taken by said Sponsor and Sponsor's official representative, who has been duly authorized to execute this Grant Agreement, which is in all respects due and proper and in accordance with the laws of the said State, the FAA Reauthorization Act of 2018 (Public Law Number 115-254); Title 49 U.S.C., Chapters 471 and 475; 49 U.S.C. §§ 40101, et seq., and 48103; and the Department of Transportation Appropriations Act, 2021 (Public Law 116-260, Division L), as further amended by the American Rescue Plan Act of 2021 (Public Law 117-2). In addition, for grants involving projects to be carried out on property not owned by the Sponsor, there are no legal impediments that will prevent full performance by the Sponsor. Further, it is my opinion that the said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

Dated at August 25, 2021

*Allison B. Greenstein*  
 By: \_\_\_\_\_  
 (Signature of Sponsor's Attorney)

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<sup>3</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

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The Sponsor does hereby ratify and adopt all assurances, statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer, and does hereby accept this Offer and by such acceptance agrees to comply with all of the Grant Assurances, terms, and conditions in this Offer and in the Project Application.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

I declare under penalty of perjury that the foregoing is true and correct.<sup>5</sup>

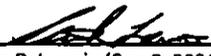
Dated September 9, 2021

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State of New Hampshire  
NHDOS/Division of Fire Standards, Training &  
EMS

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*(Name of Sponsor)*

  
Steven R. Lavoie (Sep 9, 2021 06:13 EDT)

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*(Signature of Sponsor's Authorized Official)*

**By:** Steven R. Lavoie  
*(Typed Name of Sponsor's Authorized Official)*

**Title:** Director of Administration  
*(Title of Sponsor's Authorized Official)*

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<sup>2</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

**CERTIFICATE OF SPONSOR'S ATTORNEY**

I, David M.Hilts, \_\_\_\_\_, acting as Attorney for the Sponsor do hereby certify:

That in my opinion the Sponsor is empowered to enter into the foregoing Grant Agreement under the laws of the State of New Hampshire. Further, I have examined the foregoing Grant Agreement and the actions taken by said Sponsor and Sponsor's official representative, who has been duly authorized to execute this Grant Agreement, which is in all respects due and proper and in accordance with the laws of the said State, the FAA Reauthorization Act of 2018 (Public Law Number 115-254); Title 49 U.S.C., Chapters 471 and 475; 49 U.S.C. §§ 40101, et seq., and 48103; and the Department of Transportation Appropriations Act, 2021 (Public Law 116-260, Division L), as further amended by the American Rescue Plan Act of 2021 (Public Law 117-2). In addition, for grants involving projects to be carried out on property not owned by the Sponsor, there are no legal impediments that will prevent full performance by the Sponsor. Further, it is my opinion that the said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

**Please read the following information:** By signing this document, you are agreeing that you have reviewed the following consumer disclosure information and consent to transact business using electronic communications, to receive notices and disclosures electronically, and to utilize electronic signatures in lieu of using paper documents. You are not required to receive notices and disclosures or sign documents electronically. If you prefer not to do so, you may request to receive paper copies and withdraw your consent at any time.

Dated at September 9, 2021

  
 \_\_\_\_\_  
 By: David M.Hilts (Sep 9, 2021 09:09 EDT)  
 (Signature of Sponsor's Attorney)

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<sup>3</sup> Knowingly and willfully providing false information to the Federal government is a violation of 18 U.S.C. Section 1001 (False Statements) and could subject you to fines, imprisonment, or both.

## **ASSURANCES**

### **AIRPORT SPONSORS**

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#### **A. General.**

- a. 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.
- b. 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.
- c. 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:

### FEDERAL LEGISLATION

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- a. Title 49, U.S.C., subtitle VII, as amended.
- b. Davis-Bacon Act — 40 U.S.C. 276(a), et seq.<sup>1</sup>
- c. Federal Fair Labor Standards Act - 29 U.S.C. 201, et seq.
- d. Hatch Act – 5 U.S.C. 1501, et seq.<sup>2</sup>
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 Title 42 U.S.C. 4601, et seq.<sup>1 2</sup>
- f. National Historic Preservation Act of 1966 – Section 106 - 16 U.S.C. 470(f).<sup>1</sup>
- g. Archeological and Historic Preservation Act of 1974 - 16 U.S.C. 469 through 469c.<sup>1</sup>
- 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.<sup>1</sup>
- 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.<sup>1</sup>
- s. Power plant and Industrial Fuel Use Act of 1978 – Section 403- 2 U.S.C. 8373.<sup>1</sup>
- t. Contract Work Hours and Safety Standards Act - 40 U.S.C. 327, et seq.<sup>1</sup>
- u. Copeland Anti-kickback Act - 18 U.S.C. 874.<sup>1</sup>
- v. National Environmental Policy Act of 1969 - 42 U.S.C. 4321, et seq.<sup>1</sup>
- 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.<sup>2</sup>
- 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

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- a. Executive Order 11246 – Equal Employment Opportunity<sup>1</sup>
- 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 Construction<sup>1</sup>
- f. Executive Order 12898 – Environmental Justice

## FEDERAL REGULATIONS

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- 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].<sup>4, 5, 6</sup>
- c. 2 CFR Part 1200 – Non-procurement Suspension and Debarment.
- d. 14 CFR Part 13 – Investigative and Enforcement Procedures
- e. 14 CFR Part 16 – Rules of Practice For Federally Assisted Airport Enforcement Proceedings.
- f. 14 CFR Part 150 – Airport noise compatibility planning.
- g. 28 CFR Part 35 – Discrimination on the Basis of Disability in State and Local Government Services.
- h. 28 CFR § 50.3 – U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964.
- i. 29 CFR Part 1 – Procedures for predetermination of wage rates.<sup>1</sup>
- j. 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.<sup>1</sup>
- k. 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).<sup>1</sup>
- l. 41 CFR Part 60 – Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and federally assisted contracting requirements).<sup>1</sup>
- m. 49 CFR Part 18 – Uniform administrative requirements for grants and cooperative agreements to state and local governments.<sup>3</sup>
- n. 49 CFR Part 20 – New restrictions on lobbying.
- o. 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.
- p. 49 CFR Part 23 – Participation by Disadvantage Business Enterprise in Airport Concessions.

- q. 49 CFR Part 24 – Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally Assisted Programs.<sup>1 2</sup>
- r. 49 CFR Part 26 – Participation by Disadvantaged Business Enterprises in Department of Transportation Programs.
- s. 49 CFR Part 27 – Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance.<sup>1</sup>
- t. 49 CFR Part 28 – Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities conducted by the Department of Transportation.
- u. 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.
- v. 49 CFR Part 32 – Government-wide Requirements for Drug-Free Workplace (Financial Assistance).
- w. 49 CFR Part 37 – Transportation Services for Individuals with Disabilities (ADA).
- x. 49 CFR Part 41 – Seismic safety of Federal and federally assisted or regulated new building construction.

#### **SPECIFIC ASSURANCES**

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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.**

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- <sup>1</sup> These laws do not apply to airport planning sponsors.
- <sup>2</sup> These laws do not apply to private sponsors.
- <sup>3</sup> 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.
- <sup>4</sup> 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.
- <sup>5</sup> Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- <sup>6</sup> 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 (**Pease Development Authority**), in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that 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 any project funded under an Airport Improvement Program Grant in accordance with policies, standards, and specifications approved by the Secretary including, but not limited to, current FAA Advisory Circulars for AIP projects as of May 3, 2021.

**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.

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

View the most current versions of FAA's Advisory Circulars (A/Cs) here:

[https://www.faa.gov/regulations\\_policies/advisory\\_circulars/](https://www.faa.gov/regulations_policies/advisory_circulars/)

Airports A/Cs are found in the 150 series. In addition Airspace A/Cs, found in the 70 series, also may apply for certain projects.

**Application for Federal Assistance SF-424**

<b>* 1. Type of Submission:</b> <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	<b>* 2. Type of Application:</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	<b>* If Revision, select appropriate letter(s):</b> _____ <b>* Other (Specify):</b> _____
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<b>3. Date Received:</b> 05/03/2021	<b>4. Applicant Identifier:</b> _____
--	--

<b>5a. Federal Entity Identifier:</b> _____	<b>5b. Federal Award Identifier:</b> J-33-0016-TBD-2021
--	--

**State Use Only:**

<b>6. Date Received by State:</b> _____	<b>7. State Application Identifier:</b> _____
--	--

**8. APPLICANT INFORMATION:**

<b>* a. Legal Name:</b> New Hampshire Department of Transport Bureau of Aeronautics	
<b>* b. Employer/Taxpayer Identification Number (EIN/TIN):</b> 02-6000618	<b>* c. Organizational DUNS:</b> BC85916970000

**d. Address:**

<b>* Street1:</b> 7 Hazen Drive
<b>Street2:</b> P.O. Box 483
<b>* City:</b> Concord
<b>County/Parish:</b> Merrimack
<b>* State:</b> NH: New Hampshire
<b>Province:</b> _____
<b>* Country:</b> USA: UNITED STATES
<b>* Zip / Postal Code:</b> 03302-0483

**e. Organizational Unit:**

<b>Department Name:</b> NH DOT	<b>Division Name:</b> Bureau of Aeronautics
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**f. Name and contact information of person to be contacted on matters involving this application:**

<b>Prefix:</b> Ms.	<b>* First Name:</b> Carol
<b>Middle Name:</b> L.	
<b>* Last Name:</b> Niewola	
<b>Suffix:</b> P.E., C.M.	
<b>Title:</b> Senior Aviation Planner	
<b>Organizational Affiliation:</b> New Hampshire Department of Transportation	
<b>* Telephone Number:</b> 603.271.1675	<b>Fax Number:</b> 603.271.1689
<b>* Email:</b> cniewola@dot.state.nh.us	

**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:**

Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle (1,500 gallons)

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

\* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

\* a. Start Date:

\* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="774,090.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="43,005.00"/>
* d. Local	<input type="text" value="43,005.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="860,100.00"/>

\* 19. Is Application Subject to Review By State Under Executive Order 12372 Process?

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

\* 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)

Yes  No

If "Yes", provide explanation and attach

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 1801)

\*\* 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:

Prefa:  \* First Name:

Middle Name:

\* Last Name:

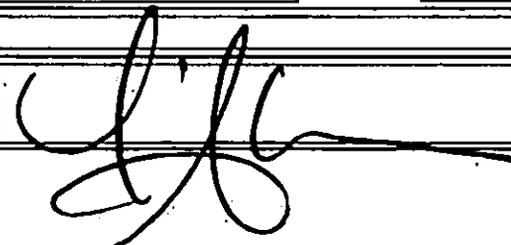
Suffix:

\* Title:

\* Telephone Number:

Fax Number:

\* Email:

\* Signature of Authorized Representative: 

\* Date Signed:

**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.	
<b>Item 1.</b> Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Item 2.</b> 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
<b>Item 3.</b> 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
<b>Item 4.</b> 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
<b>Item 5.</b> 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"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
<input type="checkbox"/> The project is included in an approved 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.	
<b>Item 6.</b> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
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).
<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 applicable obligations to the US or any agency of the US government related to an airport.

**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 to the interest to communities near the project.

**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.

This 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.

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<sup>1</sup> 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:	Airport Improvement Program

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			\$ 68
2. Preliminary expense			
3. Land, structures, right-of-way			
4. Architectural engineering basic fees			14,306
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			845,726
13. Miscellaneous			
14. Subtotal (Lines 1 through 13)			\$ 860,100
15. Estimated Income (if applicable)			
16. Net Project Amount (Line 14 minus 15)			
17. Less: Ineligible Exclusions (Section C, line 23 g.)			
18. Subtotal (Lines 16 through 17)			\$ 860,100
19. Federal Share requested of Line 18			774,090
20. Grantee share			43,005
21. Other shares			43,005
22. TOTAL PROJECT (Lines 19, 20 & 21)			\$ 860,100

<b>SECTION C – EXCLUSIONS</b>	
23. Classification (Description of non-participating work)	Amount Ineligible for Participation
a.	
b.	
c.	
d.	
e.	
f.	
g. <b>Total</b>	

<b>SECTION D – PROPOSED METHOD OF FINANCING NON-FEDERAL SHARE</b>	
24. Grantee Share – Fund Categories	Amount
a. Securities	
b. Mortgages	
c. Appropriations (by Applicant)	43,005
d. Bonds	
e. Tax Levies	
f. Non-Cash	
g. Other (Explain):	
h. <b>TOTAL - Grantee share</b>	<b>\$ 43,005</b>
25. Other Shares	Amount
a. State	43,005
b. Other	
c. <b>TOTAL - Other Shares</b>	<b>\$ 43,005</b>
<b>26. TOTAL NON-FEDERAL FINANCING</b>	<b>\$ 86,010</b>

<b>SECTION E – REMARKS</b> (Attach sheets if additional space is required)
<p>An Exhibit A (Airport Property Plan) was not required, as the ARFF vehicle acquisition does not impact any land. The vehicle purchase supports the NH Department of Safety at their Concord NH facility. The facility is not subject to the Exhibit A requirements. Two parcels make up the land for this Facility: Merrimack County Registry of Deeds Book 220 Page 1334 and Book 220 Page 1331. Records of this land purchase are on file with the FAA/New England Region/Airports Division (reference letter to Donna Witte dated June 22, 2000).</p> <p>I hereby certify that the Exhibit A Property Map dated November 30, 2017, and attached to the Grant Application No. 3-33-0016-062-2018 reflects the current information as of this date.</p> <p>The above-mentioned Exhibit A Property Map is, therefore, incorporated into this Grant Application by reference and made a part thereof.</p>

**PART IV – PROGRAM NARRATIVE**  
(Suggested Format)

<b>PROJECT:</b> Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle
<b>AIRPORT:</b> PSM (proxy for NHDOT/DOS)
<b>1. Objective:</b> The objective of this grant is to replace a 19-year old ARFF vehicle which has a broken turret, pumping, and control issues.
<b>2. Benefits Anticipated:</b> The replacement of the ARFF Vehicle will provide a safe and functioning vehicle to use to train firefighters to respond to aircraft fires.
<b>3. Approach:</b> (See approved Scope of Work in Final Application) Jacobs will serve as the Sponsor's consultant for design, bidding, and general project administration services. Reference Appendix 2 for the scope and fee estimate for engineering services. Bid opening was held on 4/22/2021.
<b>4. Geographic Location:</b> NHDOS' Aircraft Rescue and Fire Fighting Training Facility, Concord, NH
<b>5. If Applicable, Provide Additional Information:</b> See Supplemental Program Narrative.
<b>6. Sponsor's Representative:</b> (include address & telephone number) Carol L. Niewola, P.E., C.M., Senior Aviation Planner, NHDOT/Bureau of Aeronautic, 7 Hazen Drive/ P.O. Box 483 Concord, NH 03302-0483 P:603.271.1675 E: cniewola@dot.state.nh.us

**Part IV – SUPPLEMENTAL PROGRAM NARRATIVE STATEMENT**  
Application for Federal Assistance

**Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle**  
**New Hampshire Department of Transportation**  
**Bureau of Aeronautics**  
**3-33-0016-TBD-2021**

**GENERAL PROJECT DESCRIPTION**

The existing NH Department of Safety (NHDOS) ARFF vehicle is 19-year's old. Many features of the existing vehicle have been deemed beyond repair. The project acquires a new ARFF vehicle to replace the existing non-functioning vehicle.

**COST BREAKDOWNS**

Refer to the attached Project Costs.

**PROJECT SCHEDULE**

Milestones include: Bidding April 22, 2021 ; Vehicle Delivery within 365 days from contract signing.

**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**

The PDA has a 1% race-neutral goal for DBE participation approved by FAA on 11-6-2018.

**COORDINATION WITH STATE, LOCAL AND FEDERAL AGENCIES**

The NH Department of Transportation has coordinated with the NH Department of Safety and the FAA on the project. Coordination with Pease Development Authority has also taken place.

Coordination with US Fish & Wildlife, Tribal Historic Preservation Offices, and Coastal Zone Management is not applicable as the acquisition of the ARFF 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 ARFF vehicle acquisition.

**EXHIBIT "A" STATEMENT:**

An Exhibit A (Airport Property Plan) was not required to be created for the NHDOT ARFF vehicle acquisition, as the project does not impact airport property or land acquisition.

**PROJECT COSTS**  
Application for Federal Assistance

**ACQUIRE AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) VEHICLE**

New Hampshire Department of Transportation  
Concord, NH  
3-33-0016-TBD-2021

**Project Cost**

The project costs are summarized below:

***Administration Expense***

Shipping Expense.....	\$	67.52
<b>Subtotal.....</b>	<b>\$</b>	<b>67.52</b>

***Preliminary Expense***

NA.....	\$	-
<b>Subtotal.....</b>	<b>\$</b>	<b>-</b>

***Architectural Engineering Fees***

Jacobs Engineering Group (Specification Development, Bidding and General Admin.).....	\$	14,306.48
<b>Subtotal.....</b>	<b>\$</b>	<b>14,306.48</b>

***Project Inspection Fees***

NA.....	\$	-
<b>Subtotal.....</b>	<b>\$</b>	<b>-</b>

***Construction and Project Improvement***

Equipment.....	\$	845,726.00
<b>Subtotal.....</b>	<b>\$</b>	<b>845,726.00</b>

***Force Account***

NA.....	\$	-
<b>Subtotal.....</b>	<b>\$</b>	<b>-</b>

**Total.....** \$ 860,100.00

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

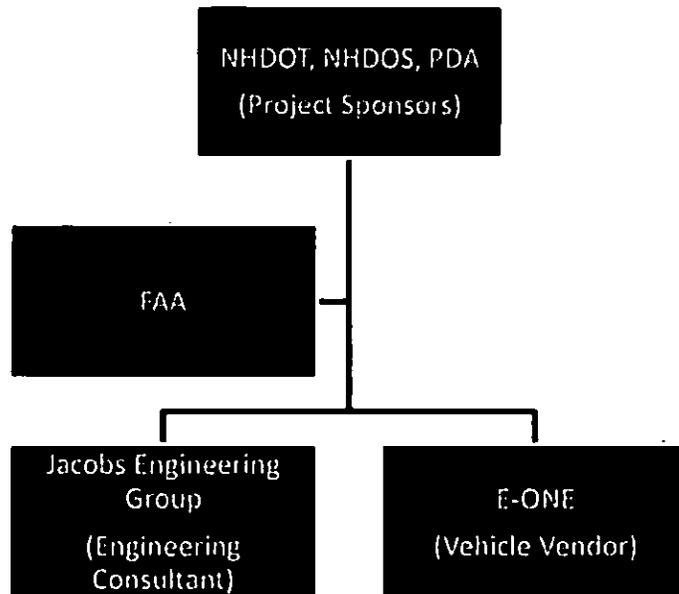
**Total Eligible.....** \$ 860,100.00

The project funding shall be broken out as described below:

Federal Share (90% of Eligible).....	\$	774,090.00
State Share (5% of Eligible).....	\$	43,005.00
Local Share (5% Eligible).....	\$	43,005.00
<b>TOTAL.....</b>	<b>\$</b>	<b>860,100.00</b>

**NEW HAMPSHIRE AIRCRAFT RESCUE AND FIRE FIGHTING TRAINING FACILITY  
CONCORD, NEW HAMPSHIRE**

**ACQUIRE ARFF TRUCK (1,500 GAL)  
AIP 3-33-0016-TBD-2021**



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## Drug-Free Workplace Airport Improvement Program Sponsor Certification

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Sponsor: NHDOT, NHDOS, POA

Airport: NH ARFF Training Facility

Project Number: AIP #3-33-0016-TBD-2021

Description of Work: Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle

### 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: New Hampshire Department of Transportation  
 Address: 7 Hazen Drive, Concord, NH 03302

**Location 2 (if applicable)**

Name of Location: Jacobs Engineering Group  
 Address: 2 Executive Park Drive, Suite 205, Bedford, NH 03110

**Location 3 (if applicable)**

Name of Location: New Hampshire Department of Safety  
 Address: 98 Smokey Bear Boulevard, Concord, NH 03301

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

**Sponsor's Certification**

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

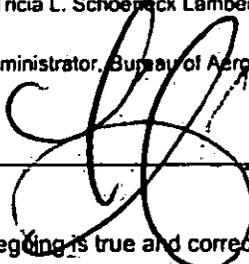
Executed on this 29 day of April, 2021

Name of Sponsor: New Hampshire Department of Transportation

Name of Sponsor's Authorized Official: Tricia L. Schoenbeck Lambert

Title of Sponsor's Authorized Official: Administrator, Bureau of Aeronautics

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.

**Submit by Email**

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

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Sponsor: NHDOT, NHDOS, PDA

Airport: NH ARFF Training Facility

Project Number: AIP #3-33-0016-TBD-2021

Description of Work: Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle

### 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 foregoing items are accurate as marked and have the explanation for any item marked "no" is correct and complete.

Executed on this 29 day of April, 2021

Name of Sponsor: New Hampshire Department of Transportation

Name of Sponsor's Authorized Official: Tricia L. Schoeneck Lambert

Title of Sponsor's Authorized Official: Administrator, Bureau of Aeronautics

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.

Submit by Email

## 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.

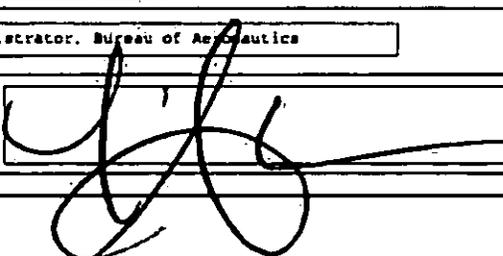
(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this 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		
New Hampshire Department of Transportation		
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE		
Prefix: Mr.	* First Name: Tricia	Middle Name: L.
* Last Name: Schoeneck Lambert	Suffix:	
* Title: Administrator, Bureau of Aeronautics		
* SIGNATURE: 	* DATE: 04/29/2021	

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## Selection of Consultants

### Airport Improvement Program Sponsor Certification

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Sponsor: NHDOT, NHDOS, PDA

Airport: NH ARFF Training Facility

Project Number: AIP #3-33-0016-TBD-2021

Description of Work: Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle

#### 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 foregoing 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.

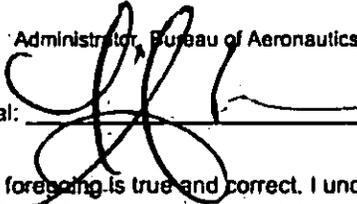
Executed on this 29 day of April, 2021

Name of Sponsor: New Hampshire Department of Transportation

Name of Sponsor's Authorized Official: Tricia L. Schoenack Lambert

Title of Sponsor's Authorized Official: Administrator, Bureau of Aeronautics

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.

**Submit by Email**

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## Project Plans and Specifications

### Airport Improvement Program Sponsor Certification

---

Sponsor: NHDOT, NHDOS, PDA

Airport: NH ARFF Training Facility

Project Number: AIP #3-33-0016-TBD-2021

Description of Work: Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle

#### 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/](http://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 foregoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

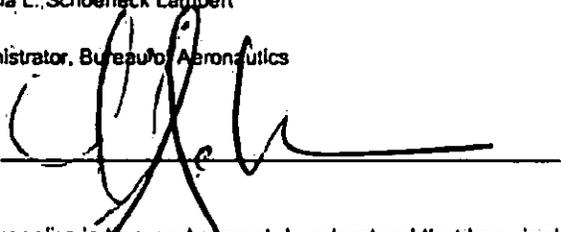
Executed on this 29 day of April, 2021.

Name of Sponsor: New Hampshire Department of Transportation

Name of Sponsor's Authorized Official: Tricia L. Schoeneck Lambert

Title of Sponsor's Authorized Official: Administrator, Bureau of Aeronautics

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.

Submit by Email

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## Equipment and Construction Contracts Airport Improvement Sponsor Certification

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Sponsor: NHDOT, NHDOS, PDA

Airport: NH ARFF Training Facility

Project Number: AIP #3-33-0016-TBD-2021

Description of Work: Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle

### 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](http://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 or 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:
- Ensure work committed to Disadvantaged Business Enterprises at contract award is actually performed by the named DBEs (49 CFR § 26.37(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
  - 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:
- Publicly advertised, allowing a sufficient response time to solicit an adequate number of interested contractors or vendors;
  - Prepared to include a complete, adequate and realistic specification that defines the items or services in sufficient detail to allow prospective bidders to respond;
  - Publicly opened at a time and place prescribed in the invitation for bids; and
  - 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:
- Written justification that supports use of competitive proposal method in lieu of the preferred sealed bid procurement method;
  - Plan for publicizing and soliciting an adequate number of qualified sources; and
  - 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)~~   N/A
  - 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.

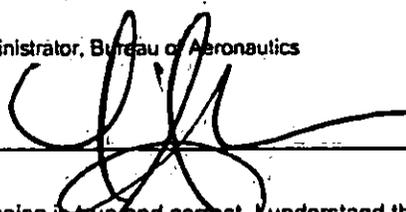
Executed on this 29 day of April, 2021

Name of Sponsor: New Hampshire Department of Transportation

Name of Sponsor's Authorized Official: Tricia L. Schoeneck-Lambert

Title of Sponsor's Authorized Official: Administrator, Bureau of Aeronautics

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.

**Submit by Email**



FAA  
Airports

## ASSURANCES

### AIRPORT SPONSORS

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#### 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.<sup>1</sup>
- c. Federal Fair Labor Standards Act - 29 U.S.C. 201, et seq.
- d. Hatch Act - 5 U.S.C. 1501, et seq.<sup>2</sup>
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 Title 42 U.S.C. 4601, et seq.<sup>1,2</sup>
- f. National Historic Preservation Act of 1966 - Section 106 - 16 U.S.C. 470(f).<sup>1</sup>
- g. Archeological and Historic Preservation Act of 1974 - 16 U.S.C. 469 through 469c.<sup>1</sup>
- 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.<sup>1</sup>
- 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.<sup>1</sup>
- s. Power plant and Industrial Fuel Use Act of 1978 - Section 403- 2 U.S.C. 8373.<sup>1</sup>
- t. Contract Work Hours and Safety Standards Act - 40 U.S.C. 327, et seq.<sup>1</sup>
- 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.<sup>1</sup>
- 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.<sup>2</sup>
- 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

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- a. Executive Order 11246 - Equal Employment Opportunity<sup>1</sup>
- 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 Construction<sup>1</sup>
- 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

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- 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].<sup>4, 5, 6</sup>
- 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.<sup>1</sup>
- 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.<sup>1</sup>
- 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).<sup>1</sup>
- k. 41 CFR Part 60 - Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and federally assisted contracting requirements).<sup>1</sup>
- l. 49 CFR Part 18 - Uniform administrative requirements for grants and cooperative agreements to state and local governments.<sup>3</sup>
- 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.<sup>1,2</sup>
- 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.<sup>1</sup>
- 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**

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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.**

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- <sup>1</sup> These laws do not apply to airport planning sponsors.
- <sup>2</sup> These laws do not apply to private sponsors.
- <sup>3</sup> 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.
- <sup>4</sup> 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.

- <sup>5</sup> Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- <sup>6</sup> 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 March 22, 2021, 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](http://www.faa.gov/airports/resources/advisory_circulars) and  
[http://www.faa.gov/regulations\\_policies/advisory\\_circulars/](http://www.faa.gov/regulations_policies/advisory_circulars/)

<b>NUMBER</b>	<b>TITLE</b>
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

<b>NUMBER</b>	<b>TITLE</b>
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

**SCOPE OF WORK**  
**For**  
**ACQUIRE AN AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) VEHICLE**  
**For the**  
**THE NH FIRE TRAINING ACADEMY**  
**CONCORD, NH**

**Prepared For**



**New Hampshire**  
**Department of Transportation**

**(3-33-0016-TBD-2021)**

**Prepared By**

**Jacobs Engineering Group, Inc.**

**4.7.21**

## **Introduction**

The existing NH Department of Safety (NHDOS) ARFF vehicle is 19-year's old. Many features of the existing vehicle have been deemed beyond repair. Therefore, the existing vehicle is no longer used for training purposes. The NH DOS borrows a vehicle from a nearby airport to conduct the requisite training at the Concord NH fire academy. The project acquires a new ARFF vehicle to replace the existing non-functioning vehicle.

For this project Jacobs Engineering Group, Inc. (the Engineer) will conduct tasks as follows:

### **TASK 1 SPECIFICATION DEVELOPMENT**

This task will develop the ARFF vehicle specifications required for public bidding. Specific tasks are as follows:

1. Reviewing the FAA Advisory Circular (AC) 150/5220-10E "*Guide Specification for Aircraft Rescue and Fire Fighting (ARFF) Vehicles*".
2. Conducting a scoping meeting with the FAA, the NHDOT and the NHDOS to define the project and develop the ARFF vehicle specifications.
3. Coordinating with the FAA, the NHDOT and the NHDOS on specification items such as trade-in value of the existing ARFF vehicle, exhaust safety systems, vehicle color and lettering.
4. Developing the front-end bidding and technical specifications.
5. Conducting quality reviews of the specifications.

The deliverable under this task includes:

- Scoping meeting minutes
- Project Manual with specifications

### **TASK 2 BIDDING SERVICES**

Under this task the Engineer leads the public bid process. The specific items of work shall include:

1. Preparing a bid advertisement and distributing to potential vendors on the state's vendor list.
2. Distributing the bid documents by email to the interested vendors and maintaining a "plan" holder's list.
3. Preparing and distributing any addenda required to make clarification, deletion, addition, or correction to the specifications.
4. Attending the bid opening at the NHDOT office to gather the bid documents.
5. Conducting a bid review for proper bidder documentation; preparing a bid tabulation and preparing a recommendation of award letter.

6. Conducting a post-bid telecon meeting with the FAA, NHDOS and NHDOT, if required.

The deliverable under this task includes:

- Bid advertisement
- Bid tabulation with recommendation of award letter.

### **TASK 3 PROJECT ADMINISTRATION**

This task will include project administration tasks that will manage project communications, funding, and coordination efforts. As part of this task, the Engineer will conduct the following:

1. Preparing project scope and fee for review and concurrence by NHDOT.
2. Preparing grant application to request federal and state funding participation.
3. Preparing project invoicing.
4. Preparing grant reimbursements to request reimbursement for eligible project expenditures.
5. Attending a final inspection meeting at the Concord NH facility to photo document the new vehicle and gather related vehicle delivery documentation for the project records.
6. Prepare project grant closeout documents.

- End Project Scope -

JACOBS ENGINEERING GROUP INC.

Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle for the New Hampshire Department of Safety (Concord, NH)

		Proj. Princ.	Project Manager	Senior Engineer	Administrator	TOTAL HOURS	LABOR \$ PER TASK
<b>TASK 1 Specification Development (subtotal hours)</b>							
1	Review FAA Advisory Circular (AC) 150/5220-10E		2	2		4	
2	Scoping and specification development meeting			4		4	
3	Coordination of specifications			8		8	
4	Develop specifications	2	4	32		38	
5	Conduct quality reviews		8			8	
<b>TASK 2 Bidding Services (subtotal hours)</b>							
1	Prepares bid advertisement			1		1	
2	Distribution of bid documents			1		1	
3	Prepares & distributes addenda		2	8		10	
4	Attend bid opening		2			2	
5	Conduct a bid review and develop recommendation of award letter		2	2		4	
6	Conduct post bid review meeting		1	1		2	
<b>TASK 3 Project Administration (subtotal hours)</b>							
1	Prepare Scope and Fee		2			2	
2	Prepare Grant Application		1	8		9	
3	Prepare invoices		1			1	
4	Prepare Grant Reimbursements (2)		1		4	5	
5	Attend final inspection		2			2	
6	Prepare closeout documents		1	4	2	7	
		<b>TOTAL JE HOURS</b>	<b>2</b>	<b>29</b>	<b>71</b>	<b>8</b>	<b>108</b>
		<b>JE WAGE RATE (Contract Year 5)</b>	<b>\$125.57</b>	<b>\$125.57</b>	<b>\$124.85</b>	<b>\$37.69</b>	
		<b>JE PAYROLL ESTIMATE</b>	<b>\$251</b>	<b>\$3,642</b>	<b>\$8,864</b>	<b>\$226</b>	<b>\$12,983</b>
						<b>TOTAL PAYROLL</b>	<b>\$12,983.16</b>
						<b>Profit - Fixed Fee (10%)</b>	<b>\$1,298.32</b>
							<b>\$14,281.48</b>
<b>Direct Expenses</b>							
	Printing	\$0.00					
	Travel	\$25.00					
	Postage/Phone/Misc.	\$0.00					
	<b>Subtotal Expenses:</b>	<b>\$25.00</b>					
<b>Sub consultants:</b>							
						Sub consultants	\$0.00
						Direct Expenses	\$25.00
						<b>Sub consultants &amp; Expenses Subtotal</b>	<b>\$25.00</b>
						<b>TOTAL FEE</b>	<b>\$14,306.48</b>
		<b>Subtotal Sub consultants:</b>	<b>\$0.00</b>				

## 2. EQUIPMENT FEES

# Jacobs

Jacobs No: E2X79006  
 AIP No.: 3-33-0016-TBD-2021  
 Subject: Tabulation of Bid Values  
 Date/Time: 4/22/21 @ 2:00 PM  
 Airport: NHDOT Fire Training Academy  
 Project: Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle for the NH Fire Training Academy – Concord, NH

Prepared by: S. Baumann  
 Reviewed by: J. Pelletier

BASE BID				E-ONE Inc.		Oshkosh LLC		Engineer's Estimate	
ITEM NO.	DESCRIPTION	BID QTY	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
1	ARFF Vehicle	1	LS	\$853,228.00	\$ 853,228.00	\$884,474.00	\$ 884,474.00	NA	NA
2	ARFF Vehicle Trade-In	1	LS	-\$7,500.00	\$ (7,500.00)	-\$23,930.00	\$ (23,930.00)	NA	NA
				Base Bid	\$ 845,728.00	Base Bid	\$ 860,544.00	Base Bid	\$ -1,000,000.00



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan  
Commissioner

William Cass, P.E.  
Assistant Commissioner

Statewide On-Call Aviation Planning and Engineering Services  
Master Agreement Project – 43239

Bureau of Aeronautics  
Tel. (603) 271-2552  
Fax (603) 271-1689

June 28, 2021

Mr. John W. Gorham, PE  
Jacobs Engineering Group, Inc.  
Two Executive Park Drive  
Bedford, NH 03110

TRANSMITTED VIA E-MAIL  
john.gorham@jacobs.com

Re: Authorization to Proceed – Task Order #5  
Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle for NH ARFF Training Facility  
AIP #3-33-0016-xxx-2021

Dear Mr. Gorham:

The Department has reviewed your Scope of Work and Fee Proposal dated April 7, 2021 for providing engineering services to Acquire ARFF Vehicle for NH ARFF Training Facility, AIP 3-33-0016-xxx-2021. Your scope and fee is hereby approved in the amount of 108 hours and \$14,306.48.

The work shall be completed under the terms of the Statewide On-Call Aviation Planning and Engineering Services Agreement for the Bureau of Aeronautics, and will be funded by Acquire ARFF Vehicle for NH ARFF Training Facility, AIP 3-33-0016-xxx-2021 grant funds. The compensation format for this Task Order will be cost-plus-fixed-fee-not-to-exceed. See the Agreement for additional cost-plus-fixed-fee information.

The anticipated completion date for this Task Order assignment is June 30, 2025. The maximum amount allowed to be billed against this Agreement is \$14,306.48. The following Task Order Fee Summary limits apply:

a) Direct Labor	\$6,203.73
b) Overhead Costs (109.28%)	\$6,779.43
c) Fixed Fee (10%)	\$1,298.32
d) Direct Expenses	\$25.00
e) Subconsultants:	\$0.00

**Cost-Plus-Fixed-Fee Not to Exceed Amount: \$14,306.48**

Please submit all questions and invoices directly to Carol L. Niewola, PE, CM, Senior Aviation Planner at carol.l.niewola@dot.nh.gov. The Project Name: Acquire ARFF Vehicle for NH ARFF Training Facility, Project Number: AIP16xxx, WCC: 618-0, and Org Code: 2107 should be shown on the invoices.

This letter serves as the Authorization to Proceed for Task Order #5. Please return the signed document by email to Carol Niewola (carol.l.niewola@dot.nh.gov).

Mr. John Gorham, PE  
June 28, 2021  
Page 2 of 2

We look forward to working with you on this effort.

Sincerely,



Carol L. Niewola, PE, CM  
Senior Aviation Planner  
Bureau of Aeronautics

Enc.: Jacobs' final scope of work and fee for Task #5

We concur with the terms of this Task Order.

**JACOBS ENGINEERING GROUP, INC.**

By: David M. Chamberlain Digitally signed by David M. Chamberlain  
Date: 2021.06.30 17:58:53 -04'00'

Title: Vice President

**DISTRIBUTE AFTER CONSULTANT HAS SIGNED THIS AUTHORIZATION LETTER**

cc: Carol L. Niewola, PE, CM, Contract Manager/Project Manager

Finance – Accounts Payable Section

Internal Audit Office

Acquire ARFF Vehicle file (AIP16xxx)

File in Statewide Aeronautics Airport Planning and Engineering Master Agreement, (ProMIS # 43239), Task #5  
w/Jacobs' final scope of work and fee attached

S:\Aeronautics\AIRPORTS\NH-WIDEVAIP 3-33-0016-xxx-2021 ARFF Vehicle\3 - task order and IFEVAcquire ARFF Vehicle- task order  
authorization proceed.docx

**SCOPE OF WORK**  
**For**  
**ACQUIRE AN AIRCRAFT RESCUE AND FIRE FIGHTING (ARFF) VEHICLE**  
**For the**  
**THE NH FIRE TRAINING ACADEMY**  
**CONCORD, NH**

**Prepared For**



**New Hampshire**  
**Department of Transportation**

**(3-33-0016-TBD-2021)**

**Prepared By**

**Jacobs Engineering Group, Inc.**

**4.7.21**

## **Introduction**

The existing NH Department of Safety (NHDOS) ARFF vehicle is 19-year's old. Many features of the existing vehicle have been deemed beyond repair. Therefore, the existing vehicle is no longer used for training purposes. The NH DOS borrows a vehicle from a nearby airport to conduct the requisite training at the Concord NH fire academy. The project acquires a new ARFF vehicle to replace the existing non-functioning vehicle.

For this project Jacobs Engineering Group, Inc. (the Engineer) will conduct tasks as follows:

### **TASK 1 SPECIFICATION DEVELOPMENT**

This task will develop the ARFF vehicle specifications required for public bidding. Specific tasks are as follows:

1. Reviewing the FAA Advisory Circular (AC) 150/5220-10E "*Guide Specification for Aircraft Rescue and Fire Fighting (ARFF) Vehicles*".
2. Conducting a scoping meeting with the FAA, the NHDOT and the NHDOS to define the project and develop the ARFF vehicle specifications.
3. Coordinating with the FAA, the NHDOT and the NHDOS on specification items such as trade-in value of the existing ARFF vehicle, exhaust safety systems, vehicle color and lettering.
4. Developing the front-end bidding and technical specifications.
5. Conducting quality reviews of the specifications.

The deliverable under this task includes:

- Scoping meeting minutes
- Project Manual with specifications

### **TASK 2 BIDDING SERVICES**

Under this task the Engineer leads the public bid process. The specific items of work shall include:

1. Preparing a bid advertisement and distributing to potential vendors on the state's vendor list.
2. Distributing the bid documents by email to the interested vendors and maintaining a "plan" holder's list.
3. Preparing and distributing any addenda required to make clarification, deletion, addition, or correction to the specifications.
4. Attending the bid opening at the NHDOT office to gather the bid documents.
5. Conducting a bid review for proper bidder documentation, preparing a bid tabulation and preparing a recommendation of award letter.

6. Conducting a post-bid telecon meeting with the FAA, NHDOS and NHDOT, if required.

The deliverable under this task includes:

- Bid advertisement
- Bid tabulation with recommendation of award letter

### **TASK 3 PROJECT ADMINISTRATION**

This task will include project administration tasks that will manage project communications, funding, and coordination efforts. As part of this task, the Engineer will conduct the following:

1. Preparing project scope and fee for review and concurrence by NHDOT.
2. Preparing grant application to request federal and state funding participation.
3. Preparing project invoicing.
4. Preparing grant reimbursements to request reimbursement for eligible project expenditures.
5. Attending a final inspection meeting at the Concord NH facility to photo document the new vehicle and gather related vehicle delivery documentation for the project records.
6. Prepare project grant closeout documents.

- End Project Scope -

JACOBS ENGINEERING GROUP INC.

Acquire Aircraft Rescue and Fire Fighting (ARFF) Vehicle for the New Hampshire Department of Safety (Concord, NH)

		Proj. Princ.	Project Manager	Senior Engineer	Administrator	TOTAL HOURS	LABOR \$ PER TASK
<b>TASK 1 Specification Development (subtotal hours)</b>							
1	Review FAA Advisory Circular (AC) 150/5220-10E		2	2		4	
2	Scoping and specification development meeting		2	4		6	
3	Coordination of specifications			8		8	
4	Develop specifications	2	4	32		38	
5	Conduct quality reviews		6			6	
<b>TASK 2 Bidding Services (subtotal hours)</b>							
1	Prepare bid advertisement			1		1	
2	Distribution of bid documents			1		1	
3	Prepare & distribute addenda		2	8		10	
4	Attend bid opening		2			2	
5	Conduct a bid review and develop recommendation of award letter		2	2		4	
6	Conduct post bid review meeting		1	1		2	
<b>TASK 3 Project Administration (subtotal hours)</b>							
1	Prepare Scope and Fee		2			2	
2	Prepare Grant Application		1	8		9	
3	Prepare Invoices		1			1	
4	Prepare Grant Reimbursements (2)		1		4	5	
5	Attend final inspection		2			2	
6	Prepare closeout documents		1	4	2	7	
		<b>TOTAL JE HOURS</b>	<b>2</b>	<b>29</b>	<b>71</b>	<b>6</b>	<b>108</b>
		<b>JE WAGE RATE (Contract Year 5)</b>	<b>\$125.57</b>	<b>\$125.57</b>	<b>\$124.85</b>	<b>\$37.69</b>	<b>---</b>
		<b>JE PAYROLL ESTIMATE</b>	<b>\$251</b>	<b>\$3,642</b>	<b>\$8,884</b>	<b>\$226</b>	<b>\$12,983</b>
					<b>TOTAL PAYROLL</b>	<b>\$12,983.16</b>	
					Profit - Fixed Fee (10%)	<b>\$1,298.32</b>	
						<b>\$14,281.48</b>	
<b>Direct Expenses</b>							
	Printing	\$0.00					
	Travel	\$25.00					
	Postage/Phone/Misc.	\$0.00					
	<b>Subtotal Expenses:</b>	<b>\$25.00</b>					
<b>Sub consultants:</b>							
					Sub consultants	\$0.00	
					Direct Expenses	\$25.00	
					<b>Sub consultants &amp; Expenses Subtotal</b>	<b>\$25.00</b>	
					<b>TOTAL FEE</b>	<b>\$14,306.48</b>	
		<b>Subtotal Sub consultants:</b>	<b>\$0.00</b>				



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

William Cass, P.E.
Assistant Commissioner

Statewide On-Call Aviation Planning and Engineering Services
Master Agreement Project - 43239

Bureau of Aeronautics
Tel. (603) 271-2552
Fax (603) 271-1689

June 30, 2021

Mr. Heath Marsden
Jacobs Engineering Group, Inc.
Two Executive Park Drive
Bedford, NH 03110

TRANSMITTED VIA E-MAIL
heath.marsden@jacobs.com

Re: Authorization to Proceed - Task Order #6
Conduct Statewide Obstruction Evaluation Study at 2 Airports Using UAS
SBG 33-12-2020

Dear Mr. Marsden:

The Department has reviewed your Scope of Work and Fee Proposal dated April 12, 2021 for providing engineering services to Conduct Statewide Obstruction Evaluation Study at 2 Airports Using UAS, SBG 33-12-2020. Your scope and fee is hereby approved in the amount of 184 hours and \$81,070.95.

The work shall be completed under the terms of the Statewide On-Call Aviation Planning and Engineering Services Agreement for the Bureau of Aeronautics, and will be 100% funded by grant funds from the FAA (AIP 3-33-SBGP-030-2019 and AIP 3-33-SBGP-031-2020). The compensation format for this Task Order will be Lump Sum. See the Agreement for additional Lump Sum information.

The anticipated completion date for this Task Order assignment is June 27, 2023. The maximum amount allowed to be billed against this Agreement is \$81,070.95. The following Task Order Fee Summary limits apply:

Table with 2 columns: Item description and Amount. Rows include Direct Labor (\$8,058.09), Overhead Costs (109.28%) (\$8,805.88), Fixed Fee (10%) (\$1,686.40), Direct Expenses (\$487.58), and Subconsultants (\$62,033.00).

Lump Sum Amount: \$81,070.95

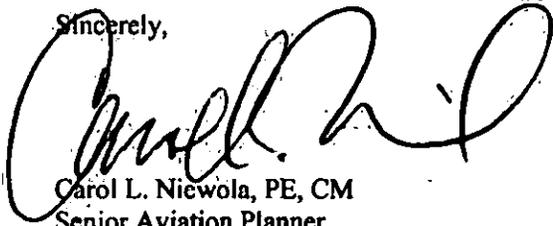
Please submit all questions and invoices directly to Carol L. Niewola, PE, CM, Senior Aviation Planner at carol.l.niewola@dot.nh.gov. The Project Name: Conduct Statewide Obstruction Evaluation Study at 2 Airports Using UAS, Project Number: SBG33012, WCC: 618-0, and Org Code: 2107 should be shown on the invoices.

This letter serves as the Authorization to Proceed for Task Order #6. Please return the signed document by e-mail to Carol Niewola (carol.l.niewola@dot.nh.gov).

Mr. Heath Marsden  
June 30, 2021  
Page 2 of 2

We look forward to working with you on this effort.

Sincerely,



Carol L. Niewola, PE, CM  
Senior Aviation Planner  
Bureau of Aeronautics

Enc.: Jacobs' final scope of work and fee for Task #6

We concur with the terms of this Task Order.

**JACOBS ENGINEERING GROUP, INC.**

By: David M. Chamberlain Digitally signed by David M. Chamberlain  
Date: 2021.07.20 10:31:35 -0400

Title: Vice President

**DISTRIBUTE AFTER CONSULTANT HAS SIGNED THIS AUTHORIZATION LETTER**

cc: Carol L. Niewola, PE, CM, Contract Manager/Project Manager

Finance – Accounts Payable Section

Internal Audit Office

SWD Obstruction Study file (SBG33012)

File in Statewide Aeronautics Airport Planning and Engineering Master Agreement, (ProMIS # 43239), Task #6  
w/Jacobs' final scope of work and fee attached

S:\Aeronautics\AIRPORTS\NH-WIDESBG-33-12-2020 Obstruction Study\2 - IFE-Negotiations-Contract\Conduct Obstruction Study - task order  
authorization proceed.docx

April 2021

SCOPE OF WORK  
*for*  
OBSTRUCTION EVALUATION STUDY  
AT  
SKYHAVEN AND CONCORD MUNICIPAL AIRPORT

RECEIVED  
APR 12 2021  
NH AERONAUTICS

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**I. GENERAL**

The New Hampshire Department of Transportation (NHDOT) Bureau of Aeronautics is seeking to conduct an obstruction study to collect and analyze vegetative and man-made objects within protected airspace surfaces at several of NH's General Aviation airports that are included in the FAA's NPIAS. These airports include Skyhaven and Concord Municipal Airport.

The basic scope of the Project involves the following items:

- A. Collect vegetative and manmade objects using LIDAR technology for areas within the EB-99A trapezoid (most applicable of EB99A Rows 1-5). Because of the potential impacts to the airport primarily due to any penetrations related to EB99A Rows 1-5, these surfaces took priority for data collection and analysis. Although larger, Departure Surface penetrations may be mitigated with administrative actions and therefore is not included. The Glidepath Qualification Surface (GQS) is narrower than the surfaces in Rows 1-5 and therefore data will have been captured and may be analyzed at a later date under a separate project;
- B. Prepare obstruction plan (no profile) for each airport showing penetrations to the applicable airspace surfaces in FAA Engineering Brief 99 overlaid onto airport base map. The base map used will be imagery available from ESRI;
- C. Provide AutoCAD, GIS and KMZ files to NHDOT;
- D. For this Project, Jacobs Engineering Group Inc., hereinafter referred to as the "Engineer", agrees to perform services for NHDOT Bureau of Aeronautics hereinafter referred to as "the Bureau" as follows:

**II. ARTICLE A – PROJECT SCOPING**

**Task A.1.1 Pre-scoping meeting**

The Engineer will conduct two (2) meetings with the Bureau to discuss the scope of work for the project. The Engineer will prepare meeting minutes and distribute to those in attendance.

**Task A.1.2 Prepare scope and fee**

The Engineer will prepare and submit to the Bureau a proposed Scope and Fee (**Exhibit A**) for the work associated with this project.

### **ARTICLE A1 DELIVERABLES – Project Scoping**

This task will result in the preparation of a scope of work and associated fee as well as meeting minutes for the above noted project.

## **III. ARTICLE B – DATA COLLECTION**

### **Task B.1 – LIDAR Mapping**

Jacobs will hire a qualified aerial mapping company for use in defining the areas of data collection. Jacobs will provide the appropriate airspace surfaces to the subconsultant. The data will be collected for vegetative and manmade objects using drone mounted LIDAR sensors within the extent of the EB99A surfaces for the runway ends noted below. The data would be collected to where the elevation of the surface reaches 100' above the runway end elevation and no more than 5,000' from the runway end. The following runway ends are to be included in the study:

- Skyhaven Airport (DAW) – Runway 15-33
- Concord Municipal Airport (CON) – Runway 12-30 and Runway 17-35

### **Task B.2 – FAA Mapping**

Under this task the Engineer will coordinate with the FAA Regional Airspace specialist to gather obstruction data that resides in the FAA database. This effort will aid in verifying or adding to new obstruction data.

### **Task B.3 – Project Coordination**

Under this task includes any time spent between the subconsultant and the Engineer related to coordination and development of obstruction datasets.

### **ARTICLE B Deliverables – Data Collection**

A CADD/GIS file with the EB-99A airspace surfaces will be provided to the Bureau. A classified LAS point dataset will also be provided within the study areas. The data will be classified by terrain, vegetation and manmade objects such as buildings, poles and pavement edges. The Engineer will provide the Bureau with both the raw LAS dataset and a classified LAS dataset suitable for use in ArcMap GIS software.

## **IV. ARTICLE C – PREPARE OBSTRUCTION DRAWINGS**

Under this article the Engineer will use the data acquired under Article B to identify obstructions to the following surfaces as they apply to each runway end:

Airport	Runway End	Approach	EB 99 Surface
Skyhaven*	15	Visual	Row 3
	33	LPV – 1 mi. vis.	Row 4
Concord Municipal	12	LNAV – 1mi, vis.	Row 4
	30	Visual	Row 2
	17	LNAV – 1mi. vis.	Row 4
	35	ILS – ½ mi. vis.	Row 5
*classified as utility runway serving propeller driven aircraft of 12,500 lbs max gross weight or less.			

#### Task C.1 – Analyze Protected Airspace Surfaces

The Engineer will assist ARE (aerial mapping subconsultant) in preparing an obstruction analysis using the LIDAR data collected under Article B to determine the extent of vegetative and manmade penetrations to each of the surfaces listed above. The obstruction analysis will be performed with ArcGIS software.

As part of this task the Engineer will provide an MS Excel file to include Object description, Height of object above ground (AGL height), Height of object above sea level (MSL height), Penetration amount, Northing/Easting, and Latitude/Longitude for each object identified as penetrating the surfaces noted above.

#### Task C.2 – Prepare Airport Obstruction Drawings

The Engineer will prepare drawings using ArcMap GIS (electronic pdf and 24"x36" sheets) for each runway end depicting the applicable airspace surfaces and objects identified as penetrations. The objects will be classified by type of obstruction (manmade or vegetative) and degree of penetration (within 10' of surface; 0'-3'; 3'-10'; & greater than 10' penetrations).

#### Task C.3 – Prepare KMZ Files

The Engineer will prepare KMZ (Google Earth) files for above runway ends depicting the applicable airspace surfaces and objects identified as penetrations. The objects will be classified by type of obstruction (manmade or vegetative) and degree of penetration (within 10' of surface; 0'-3'; 3'-10'; & greater than 10' penetrations).

#### Task C.4 – Quality Assurance and Quality Compliance (QA/QC)

The Engineer shall perform QA/QC on deliverables provided by the subconsultant as well as intermediate and final project deliverables.

#### **Task C.5 – Executive Summary**

The Engineer shall prepare an Executive Summary (ES) describing the work effort and methodology used in determining the obstructions.

#### **ARTICLE C Deliverables – Prepare Obstruction Drawings, Files and Executive Summary Report**

The Engineer will provide the Bureau with ArcMap GIS and KMZ (Google Earth) files for each of the project airports that show the attributes (Object description, Height of object above ground (AGL height), Height of object above sea level (MSL height), Penetration amount, Northing/Easting and Latitude/Longitude) of each object identified as an obstruction and the applicable airspace surfaces.

The Engineer will also prepare 24" x 36" hard copy drawings (Google Earth render) for each airport. The drawings will depict the airspace surfaces and obstruction. One draft copy will be issued to the Bureau for their review. A project meeting will be conducted to review the draft copy and gather the bureau's comments. Once all comments are received from the Bureau, one final copy will be issued to the Bureau. (6) six drawings (24"x36" sheets) will be included in each deliverable.

1. Title Sheet
2. Skyhaven Airport (DAW) – Runway 15
3. Skyhaven Airport (DAW) – Runway 33
4. Concord Municipal Airport (CON) – Runway 12
5. Concord Municipal Airport (CON) – Runway 30
6. Concord Municipal Airport (CON) – Runway 17
7. Concord Municipal Airport (CON) – Runway 35

A separate data sheet may be provided for each runway end depending on the amount of penetrations that need to be identified.

The Engineer will provide the Bureau with a ".kmz" file containing the airspace surfaces, locations and descriptive attributes of each object identified as a penetration for each airport in the study area.

The Engineer will provide the Bureau an Executive Summary (ES) describing the work effort and methodology used in determining the obstructions.

#### **V. ARTICLE D – PROJECT ADMINISTRATION**

The Engineer will undertake and complete the tasks associated with overseeing the overall project and execution of the overall financing and payment reimbursement for the various components of the project. Project administration effort is related to the tasks included in this Scope of Work.

The specific items of work shall include:

1. The Engineer shall provide general administrative support and the resource management of the overall project. Generally, this task shall consist of, but is not limited to the following:
  - Consultation and advice to the Bureau;
  - Project team coordination, project meetings, and conference calls;
  - Prepare and maintain a project schedule;
  - Review financial operations of the Project, as required.
2. The Engineer shall maintain all project documents for a period of ten (10) years.
3. The Engineer shall perform quality reviews of all determinations and documentation performed or prepared as part of this project prior to distribution.

**ARTICLE D Deliverables – Project Administration**

- Project schedule;
- Meeting minutes;
- Prepare and distribute internal and external correspondence, to include; letters, memorandums, facsimiles, telephone calls, and agency coordination.

**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. No submission of material or files to the FAA AGIS program;
  2. Plan submittals to the Airports. The Bureau will manage any additional reproduction and distribution to the Airports.
  3. Grant documentation such as grant applications, reimbursement request, or grant closeout.

**VII. ATTACHMENTS**

1. Exhibit A – Fee Schedule
2. Exhibit B – ARE Proposal dated 07 April 2021.

**Exhibit A**  
**Fee Schedule**

**FEE SCHEDULE**

NHDOT  
Obstruction Analysis - Boire Field, Concord, and Skyhaven Airports

Task	DISCIPLINE						Subtotals
	Project Principal	Project Manager	Senior Aviation Planner	Aviation Planner	CAD Professional	Senior CAD Professional	
<b>A1 Project Scoping</b>							
A.1.1 Pre-scoping meeting	0	2	8	6	0	0	16
A.1.2 Prepare scope and fee	2	2	4	4	0	0	12
<b>B Data Collection</b>							
B.1 LIDAR Mapping	0	0	4	8	14	0	26
B.2 FAA Mapping	0	0	0	4	0	0	4
B.3 Project Coordination	1	0	0	10	0	0	11
<b>C Prepare Obstruction Drawings</b>							
C.1 Analyze Protected Airspace Surfaces	0	0	2	3	10	0	15
C.2 Prepare Airport Obstruction Drawings	0	0	2	8	24	2	36
C.3 Prepare KMZ files	0	0	1	2	9	0	12
C.4 Quality Assurance and Quality Compliance (QA/QC)	0	4	4	2	0	0	10
C.5 Prepare Executive Summary	0	2	4	8	0	0	14
<b>D Project Administration</b>							
Invoicing, coordination, meeting minutes, etc.	0	18	10	0	0	0	28
<b>Total Hours</b>	<b>3</b>	<b>28</b>	<b>39</b>	<b>55</b>	<b>57</b>	<b>2</b>	<b>184</b>
<b>Hourly Rate (contract period 5 rates)</b>	<b>\$ 125.57</b>	<b>\$ 125.57</b>	<b>\$ 125.57</b>	<b>\$ 58.89</b>	<b>\$ 60.90</b>	<b>\$ 111.91</b>	
<b>Direct Labor Cost</b>	<b>\$ 376.71</b>	<b>\$ 3,515.96</b>	<b>\$ 4,897.23</b>	<b>\$ 3,238.95</b>	<b>\$ 4,811.30</b>	<b>\$ 223.82</b>	<b>\$ 16,863.97</b>

**SUBCONSULTANTS**

ARE Corp	\$62,033.00
	\$0.00
	\$0.00
<b>TOTAL SUBCONSULTANTS</b>	<b>\$62,033.00</b>

**TOTAL DIRECT LABOR COST** \$ 16,863.97

**TOTAL LABOR COST** \$ 16,863.97

**FIXED FEE** \$1,686.40

**SUBCONSULTANTS** \$62,033.00

**EXPENSES** \$487.58

**TOTAL** \$ 81,070.95

**EXPENSES**

Mileage (roundtrip) reimbursement @ 0.535/mile and \$1 toll each way	
2 Executive Park Drive to:	
NHDOT - 50 mi / 6 trips	\$181.63
	\$0.00
	\$0.00
	\$0.00
	\$0.00
Miscellaneous	
Printing - Drawings, Postage, and Reproduction	\$305.95
<b>TOTAL EXPENSES</b>	<b>\$487.58</b>

\$261.90

**Exhibit B**

**ARE Proposal  
07 April 2021**



New Hampshire Office  
5R Merrill Industrial Drive  
Hampton, NH 03842  
(603) 944-9005

7 April 2021  
Mackenzie Yuen  
Aviation Engineer  
Jacobs Engineering  
120 St. James Ave. 17th Floor, Boston, MA 02116

**Subject: UAS LiDAR Mapping of Airport Runway Approachs in NH**

ARE Corp is pleased to submit the proposal for Drone Mapping and Data Processing Tasks for Jacobs Engineering. ARE consists of a team of professional engineers, inspectors, FAA certified UAS pilots, GIS analysts and remote sensing specialists. Our team is qualified to perform all the tasks associated with this solicitation. We are a team committed to safety, professionalism and customer satisfaction.

ARE will plan, coordinate, collect, process and deliver UAS acquired LiDAR data and identify obstructions above the approach surface of two airports with six (6) total runway approaches in NH. Detailed Scope Of Work is listed in Attachment A. Location of the Sites are in Attachment B.

A work plan and safety plan will be created prior to the project. A safety briefing will be held and documented at the beginning of each flying day. ARE can share our standard documentation which includes Certifications of Insurance and FAA documentation upon request.

The estimates of each airport is listed in the table below. The cost is subject to change pending on the airspace approval.

Airport	Fee
Skyhaven	\$36,878.00
Concord Municipal	\$25,155.00
<b>Total</b>	<b>\$62,033.00</b>

*The ARE Team will abide by most up-to-date CDC Guidance relative to COVID-19 and related company vehicles policy.*

We look forward to this opportunity to work alongside Jacobs Engineering in this capacity. If you have any questions or would like any additional information, please contact me at 603-389-7505 or [steven@are-corp.com](mailto:steven@are-corp.com).

Respectfully submitted,

Steven Youschak, EVP  
ARE Corporation

## Attachment A: Scope of Work

<b>General Project Description</b>	<i>ARE will plan, coordinate, collect, process and deliver UAS acquired LiDAR data and identify obstructions above the approach surface of two airports with six (6) total runway approaches in NH. With updated scope of work, ARE will only fly areas within 100' above runway end elevation or to 5,000' from runway end within the approach surface provided, new flight areas were developd.</i>
<b>List of Airports</b>	<i>Skyhaven, Concord Municipal.</i>
<b>Accuracy/Check Points</b>	<i>Ground control is not required</i>
<b>Coordinate System</b>	<i>NAD83(2011) / New Hampshire (ftUS) EPSG:6525  NAVD88 ft Geoid18</i>
<b>Products Requested</b>	<ol style="list-style-type: none"> <li>1. <i>Classified calibrated Point Cloud</i></li> <li>2. <i>Digital Surface Model</i></li> <li>3. <i>Obstruction analysis</i></li> </ol>
<b>Classification Codes</b>	<ol style="list-style-type: none"> <li>1. <i>Ground</i></li> <li>2. <i>Vegetation</i></li> <li>3. <i>Man-made objects</i></li> </ol>
<b>Specifications</b>	<ol style="list-style-type: none"> <li>1. <i>Minimum 4 points per sqft</i></li> <li>2. <i>1 ft Resolution</i></li> <li>3. <i>1 ft Resolution</i></li> </ol>
<b>Deliverable Format</b>	<ol style="list-style-type: none"> <li>1. <i>.las</i></li> <li>2. <i>.tif</i></li> <li>3. <i>.shp</i></li> </ol>
<b>Optional Products</b>	<ol style="list-style-type: none"> <li>1. <i>Shapefiles of deciduous vs. coniferous trees</i></li> <li>2. <i>Intensity rasters</i></li> <li>3. <i>Normalized Digital Surface Model (height above ground raster)</i></li> </ol>
<b>Optional Product Format</b>	<ol style="list-style-type: none"> <li>1. <i>.shp</i></li> <li>2. <i>.tif</i></li> <li>3. <i>.tif</i></li> </ol>
<b>Delivery Method</b>	<i>Google Drive</i>
<b>Schedule</b>	<i>April/May 2021</i>
<b>Data Deliver Schedule</b>	<i>Data will be delivered within 6 weeks of data acquisition.</i>
<b>Notes/Special Conditions</b>	<p><i>LiDAR and LiDAR-derived products will be produced to meet 2.5cm Horizontal and 5cm Vertical Accuracy Classes on hard, unobstructed surfaces.</i></p> <p><i>Data coverage may be affected by site access, landowner permission, environmental conditions, line of sight limitations and other FAA requirements. The extent of coverage will be at the discretion of the flight team based on legal and contractor safety protocols.</i></p>

## Attachment B: Project Location and Detailed AOIs

Based on the new guidelines of the flight areas being changed to only fly areas within 100' above runway end elevation or to 5,000' from runway end within the approach surface provided, new flight areas were developed. The Google Earth elevation profile tool was used to draw multiple cross sections from the runway elevation out to the extent of the approach surface. If the profile displayed a height 100' above the runway surface, a polygon was created around that area with a buffer.

Here is a breakdown of the analysis at each runway, please also refer to the Google Earth file for each of these.

**KCON:**

RW 35 – The flight area will go 5000' out from the end of the runway South of Rt3, there is a hill North of RT 3 that is above the 100' threshold and will also be included in the flight area to the extent of the approach surface.

RW 30 – Full area as the approach surface is only 5000' long.

**Extras**

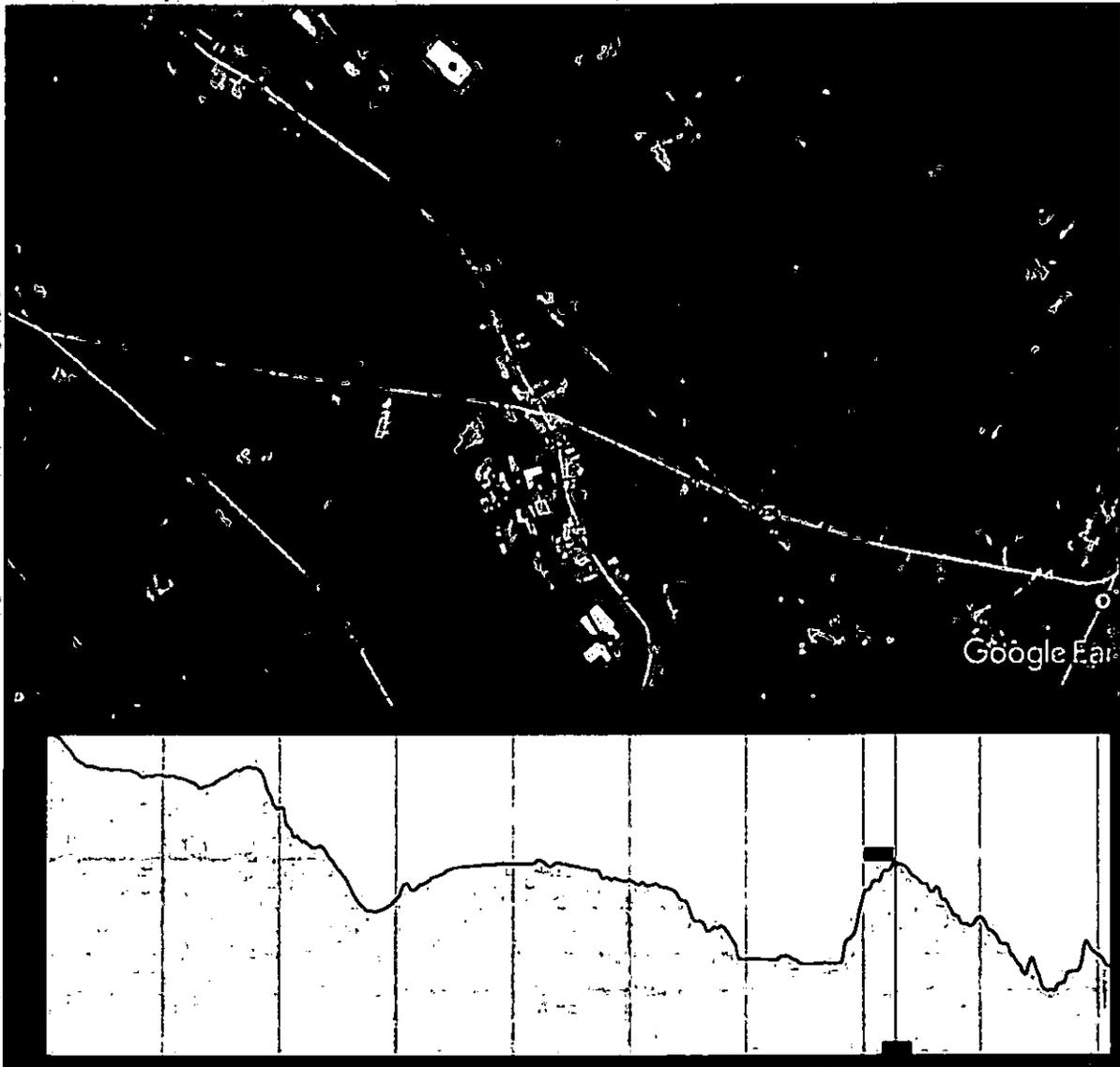
RW 12 – Approach surface out to 5000', no obstructions above 100' of the runway surface elevation beyond that distance.

RW 17 - Approach surface out to 5000', no obstructions above 100' of the runway surface elevation beyond that distance.

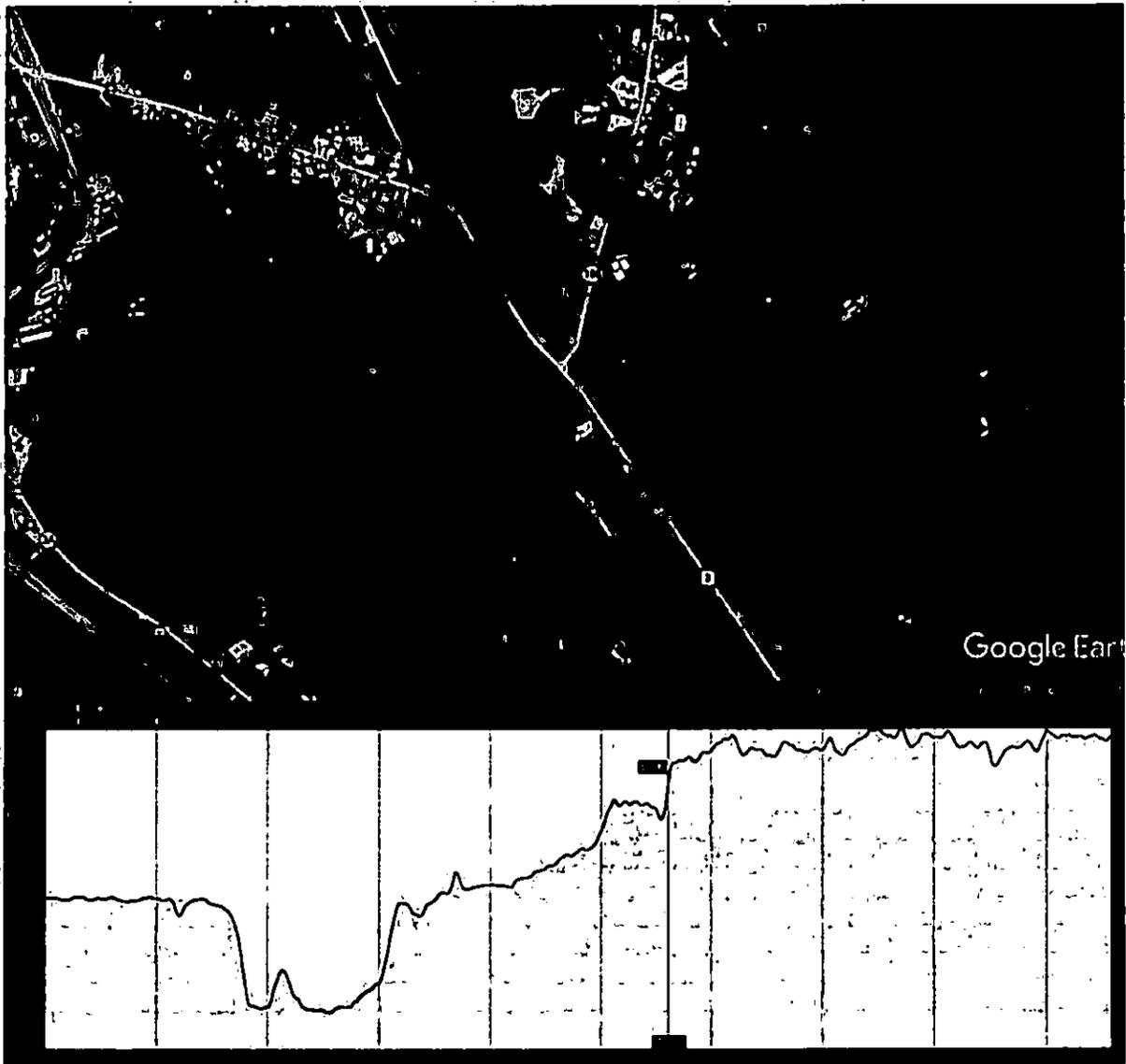
**KDAW:**

RW 33 - Approach surface out to 5000', no obstructions above 100' of the runway surface elevation beyond that distance.

RW 15 - Approach surface out to 5000', no obstructions above 100' of the runway surface elevation beyond that distance.



Elevation analysis showing area the runway at Skyhaven is well below the runway



Elevation analysis showing area the runway at Concord is well above the runway North of Route 3

## UAV Services Terms:

1. Contractor represents that (a) it is qualified to perform the Services; (b) all the Services shall be performed by qualified personnel, who will be properly supervised; (c) the Services shall be performed in a professional and workmanlike manner in accordance in all material respects with the terms of this Agreement and the requirements and time schedules set forth herein, and in accordance with generally accepted standard of care for Contractor's profession.

2. Payment shall be submitted to ARE Corporation within 30 days of the invoice date. Additional processing support over and above what is stated on proposal scope shall be charged at the rate of \$125.00/hr. and will be provided in a reasonable amount of time given our capacity. We may rely on our partners to assist from time to time. If additional training is required as dictated by Client, ARE reserves the right to bill at standard hourly rates for that training if not specified in the proposal fee. Standard rates vary between \$80.00 and \$125.00/hr. If paying by credit card, a 3% fee will be applied.

3. The term of this Agreement shall begin on the execution of this Agreement and shall expire on the date of final delivery of the product, but in no case later than 31 December 2021. Owner may terminate or suspend the performance of this Agreement for Owner's convenience upon written notice to ARE. ARE shall terminate or suspend performance of the Services on a schedule acceptable to Owner, and Owner shall pay ARE for all the Services performed plus termination or suspension expenses. Upon restart of suspended Services, an equitable adjustment shall be made to ARE's compensation and the Project schedule.

4. This Agreement may be terminated by either party upon written notice in the event of substantial failure by the other party to perform in accordance with the terms of this Agreement; provided, however, the nonperforming party shall have 14 calendar days from the receipt of the termination notice to cure or to submit a plan for cure acceptable to the other party.

5. ARE may, at our discretion, cancel a mission due to unforeseen circumstances including but not limited to safety, weather or site limited access (vegetation, natural or man-made barriers, landowner cooperation, etc.). In this case we will do our best to accommodate backup dates and complete the project as soon as practical. If a mission takes longer than anticipated, due to circumstances outside of our control, such as access or weather, there may be fees incurred based on current hourly rates and travel expenses.

## 6. GENERAL PROVISIONS:

(a) All work shall be completed in compliance with all applicable laws.

(b) To the extent required by law all work shall be performed by individuals duly licensed and authorized by law to perform the work.

(c) In the event Client fails to pay any periodic or installment payment due hereunder, Contractor may cease work without breach pending payment or resolution of dispute.

(d) Contractor shall not be liable for any delay due to circumstance beyond its control.

(e) Contractor and its employees, personnel and permitted contractors performing any services on behalf of Client are independent contractors and not employees of Client.

**(f) Any changes to this document must be discussed & signed by both Contractor and Client.**

(g) This Agreement shall be construed in accordance with the laws of the project state.

(h) Neither the Client nor the Contractor may assign this Agreement without prior written consent from the non-assigning party.

(i) Data coverage may be affected by environmental conditions and line of sight limitations. The extent of coverage will be at the discretion of the flight team based on legal and Contractor safety protocols.

(j) Contractor will provide deliverables to Client as outlined in the estimate.

(k) Weather delays may impact project timeline and cost. If a weather delay occurs, Client will pay standard per diem for dispatched crews as well as any additional travel costs incurred (change fees, additional hotel rooms / rental car, etc.)

(l) ARE currently carries the industry standard general liability insurance and professional insurance. If additional coverage is required by the client, the cost of additional coverage will be passed on to the client without any additional fee.

**By signing below, Client accepts the terms stated above and authorizes ARE Corp to proceed.**

**CLIENT: Jacobs Engineering**

David M. Chamberlain  
Digitally signed by David M. Chamberlain  
Date: 2021.07.20 10:31:10 -04'00'  
By: \_\_\_\_\_ Date: 07/20/2021  
Signature

David M. Chamberlain Title: Vice President  
Name (please print)



THE STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION



17

VICTORIA F. SHEEHAN  
COMMISSIONER

WILLIAM CASS, P.E.  
ASSISTANT COMMISSIONER

Bureau of Aeronautics  
August 22, 2016

Her Excellency, Governor Margaret Wood Hassan  
and the Honorable Council  
State House  
Concord, New Hampshire 03301

**REQUESTED ACTION**

Authorize the Department of Transportation to enter into an Agreement with Jacobs Engineering Group, Inc., Bedford, NH and Pasadena CA, Vendor #176231, for a total amount not to exceed \$500,000, for on-call aviation planning, engineering, and technical support services for various aviation projects statewide, effective upon Governor and Council approval through July 1, 2021. 90% Federal Funds, 10% General Funds.

Funds to support this request are available in the following account in State FY 2017, and are contingent upon the availability and continued appropriation of funds in FY 2018 and FY 2019, with the ability to adjust encumbrances between State Fiscal Years through the Budget Office, if needed and justified:

	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>
04-096-096-960030-7976 FAA Projects			
034-500152 Design/Study	\$50,000	\$250,000	\$200,000

The FAA Projects Fund, AU 7976, is utilized at this time to encumber funds for this request. Actual funding sources will be determined within Fund 30 by each particular project incurring expenses as a result of this request.

**EXPLANATION**

The Department's Bureau of Aeronautics requires on-call aviation planning, engineering, and technical support services for various aviation projects located throughout the State. Anticipated service needs could consist of: (1) continuing the existing pavement maintenance and evaluation program at the nine general-aviation airports in the NPIAS program, (2) implementing the recommendations from the New Hampshire State Aviation System Plan, (3) updating or development of the software for the state aviation system database, (4) aircraft rescue and firefighting facility or system improvements, (5) various environmental studies serving the needs of New Hampshire's NPIAS airports, (6) obstruction evaluations or airport airspace analyses or construction documentation serving the needs of New Hampshire's NPIAS airports, (7) technical writing assignments that may include preparation of reports, specifications, procedures, etc. (8) assisting the Department in the public involvement process, and/or (9) any additional federally funded aviation projects that may arise as a result of changes to NHDOT/Bureau of Aeronautics' project priorities and funding capabilities.

The consultant selection process employed by the Department for this qualifications-based contract is in accordance with RSAs 21-I:22, 21-I:22-c and 21-I:22-d, all applicable Federal laws and the Department's "Consultant Selection and Service Agreement Procedures" dated December 1999. The Department's Consultant Selection Committee is a standing committee that meets regularly to administer the process and make determinations. The Committee is comprised of the Assistant Director of Project Development (chair), the Chief Project Manager, the Administrators of the Bureaus of Highway Design, Bridge Design, Environment, and Materials and Research, and the Municipal Highways Engineer.

The consultant selection process for this qualifications-based contract was initiated by a solicitation for consultant services for Statewide On-Call Aviation Planning and Engineering Services. The assignment was listed as a "Project Soliciting for Interest" on the Department's website on February 11, 2016, asking for letters of interest from qualified firms. From the list of firms that submitted letters of interest, the Committee prepared a long and then short list of Consultants on March 10, 2016 for consideration and approval by the Assistant Commissioner. Upon receipt of that approval, three shortlisted firms were notified on March 28, 2016 through a technical "Request For Proposal" (RFP). Committee members individually rated the firms' technical proposals on May 12, 2016 using a written ballot to score each firm on the basis of comprehension of the assignment, clarity of the proposal, capacity to perform in a timely manner, quality and experience of the project manager and the team, previous performance, and overall suitability for the assignment. (A compilation of the completed individual rating ballots and the ranking summary form is attached.) The individual rankings were then totaled to provide an overall ranking of the three firms, and the Committee's ranking was submitted to the Assistant Commissioner for consideration and approval. Upon receipt of the Assistant Commissioner's approval, the short listed firms were notified of the results and the highest-ranking firm was asked to submit a fee proposal for negotiations.

The long list of seven consultant firms that were considered for this assignment, with the three short-listed firms shown in bold, is as follows:

Consultant Firm

Airport Solutions Group, LLC  
 DuBois & King Inc.  
 Gale Associates, Inc.  
**Hoyle, Tanner & Associates, Inc.**  
**Jacobs Engineering Group Inc.**  
 McFarland-Johnson, Inc.  
 Stantec Consulting Services Inc.

Office Location

Burlington, MA  
 Laconia, NH  
 Bedford, NH  
**Manchester, NH**  
**Bedford, NH**  
 Concord, NH  
 Scarborough, ME

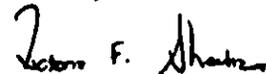
The firm of Jacobs Engineering Group, Inc. has been recommended for this contract. This firm has an excellent reputation and has demonstrated their capability to perform the necessary engineering and technical services for this assignment. Background information on this firm is attached.

Jacobs Engineering Group, Inc. has agreed to furnish the on-call services for a total amount not to exceed \$500,000. The cost for Specific Project Agreements assigned under this contract will be negotiated and use of a modified cost plus fixed fee or lump sum method of compensation will be determined based on the complexity and scope of engineering and technical services required. No new tasks may be assigned after the above-noted completion date, however, completion of previously assigned work begun prior to the completion date shall be allowed, subject to the written mutual agreement of both parties, which shall include a revised date of completion.

This Agreement (Statewide On-Call Aviation System Planning & Engineering Services) has been approved by the Attorney General as to form and execution. The Department has verified that the necessary funds are available. Copies of the fully-executed Agreement are on file at the Secretary of State's Office and the Department of Administrative Services, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

It is respectfully requested that authority be given to enter into an Agreement for consulting services as outlined above.

Sincerely,



Victoria F. Sheehan  
 Commissioner

Attachments

**PROJECT: Statewide On-Call Aviation Planning and Engineering Services**

**DESCRIPTION:** One Statewide On-Call Aviation Planning and Engineering Services agreement, anticipated to have a maximum value of \$500,000 and up to a five-year term, is needed to provide aviation planning and engineering services for various aviation projects located throughout the State. Anticipated service needs could consist of: a continuation of the existing pavement maintenance and evaluation program at the nine general-aviation airports in the NPIAS program, an implementation of the recommendations from the New Hampshire State Aviation System Plan, update or development of the software for the state aviation system database, aircraft rescue and firefighting facility or system improvements, various environmental studies serving the needs of New Hampshire's NPIAS airports, obstruction evaluations or airport airspace analyses or construction documentation serving the needs of New Hampshire's NPIAS airports, and/or any additional federally funded aviation projects that may arise as a result of changes to NHDOT/Bureau of Aeronautics' project priorities and funding capabilities technical writing assignments that may include preparation of reports, specifications, procedures, etc. assist the Department in the public involvement process.

**Services Required: AERO, AMAP, CIVL, CMGT, ELEC, ENV, GEOT, MECH, PLAN, SOFT, SURV, TEST**

**SUMMARY**

Airport Solutions Group, LLC	3	3	3	3	3	3			18
Hoyle, Tanner & Associates, Inc.	2	2	2	2	2	1			11
Jacobs Engineering Group, Inc.	1	1	1	1	1	2			7

**EVALUATION OF TECHNICAL PROPOSALS**

Rating Considerations	WEIGHT	Scoring of Firms		
		Airport Solutions Group, LLC	Hoyle, Tanner & Associates, Inc.	Jacobs Engineering Group, Inc.
Comprehension of the Assignment	20%	18	18	18
Clarity of the Proposal	20%	16	17	17
Capacity to Perform in a Timely Manner	20%	17	17	18
Quality & Experience of Project Manager/Team	20%	16	18	20
Previous Performance	10%	7	9	10
Overall Suitability for the Assignment*	10%	7	8	9
<b>Total</b>	<b>100%</b>	<b>81</b>	<b>87</b>	<b>92</b>

\*Includes: Proximity to project; usage, quality and experience of subcontractors proposed; related municipalities or other third party.

- Ranking of Firms:
- Jacobs
  - HTA
  - ASG

Rating Considerations	WEIGHT	Scoring of Firms		
		Airport Solutions Group, LLC	Hoyle, Tanner & Associates, Inc.	Jacobs Engineering Group, Inc.
Comprehension of the Assignment	20%	17	18	17
Clarity of the Proposal	20%	17	17	17
Capacity to Perform in a Timely Manner	20%	18	20	20
Quality & Experience of Project Manager/Team	20%	17	19	17
Previous Performance	10%	7	9	10
Overall Suitability for the Assignment*	10%	9	10	10
<b>Total</b>	<b>100%</b>	<b>85</b>	<b>93</b>	<b>95</b>

\*Includes: Proximity to project; usage, quality and experience of subcontractors proposed; related municipalities or other third party.

- Ranking of Firms:
- JACOBS
  - HTA
  - ASG

**EVALUATION OF TECHNICAL PROPOSALS (continued)**

Rating Considerations	Scoring of Firms			
	WEIGHT	Airport Solutions Group, LLC	Hoyla, Tanner & Associates, Inc.	Jacobs Engineering Group, Inc.
Comprehension of the Assignment	20%	16	18	15
Clarity of the Proposal	20%	15	17	11
Capacity to Perform in a Timely Manner	20%	18	17	18
Quality & Experience of Project Manager/Team	20%	16	15	19
Previous Performance	10%	6	8	9
Overall Suitability for the Assignment*	10%	7	9	9
<b>Total</b>	<b>100%</b>	<b>73</b>	<b>87</b>	<b>90</b>

\*Includes: Proximity to project; usage, quality and experience of subconsultants proposed; related municipalities or other third party.

- Ranking of Firms:
1. *HTA*
  2. *HTA*
  3. *ASG*

Rating Considerations	Scoring of Firms			
	WEIGHT	Airport Solutions Group, LLC	Hoyla, Tanner & Associates, Inc.	Jacobs Engineering Group, Inc.
Comprehension of the Assignment	20%	16	17	18
Clarity of the Proposal	20%	15	15	15
Capacity to Perform in a Timely Manner	20%	17	18	18
Quality & Experience of Project Manager/Team	20%	18	18	19
Previous Performance	10%	7	7	8
Overall Suitability for the Assignment*	10%	6	7	8
<b>Total</b>	<b>100%</b>	<b>79</b>	<b>82</b>	<b>86</b>

\*Includes: Proximity to project; usage, quality and experience of subconsultants proposed; related municipalities or other third party.

- Ranking of Firms:
1. *JACOBS*
  2. *HTA*
  3. *ASG*

Rating Considerations	Scoring of Firms			
	WEIGHT	Airport Solutions Group, LLC	Hoyla, Tanner & Associates, Inc.	Jacobs Engineering Group, Inc.
Comprehension of the Assignment	20%	15	15	18
Clarity of the Proposal	20%	18	15	18
Capacity to Perform in a Timely Manner	20%	18	18	18
Quality & Experience of Project Manager/Team	20%	18	18	18
Previous Performance	10%	8	9	9
Overall Suitability for the Assignment*	10%	7	8	9
<b>Total</b>	<b>100%</b>	<b>84</b>	<b>89</b>	<b>90</b>

\*Includes: Proximity to project; usage, quality and experience of subconsultants proposed; related municipalities or other third party.

- Ranking of Firms:
1. *JACOBS Engineering Group, Inc*
  2. *Hoyla, Tanner & Associates, Inc*
  3. *Airport Solutions Group, LLC*

Rating Considerations	Scoring of Firms			
	WEIGHT	Airport Solutions Group, LLC	Hoyla, Tanner & Associates, Inc.	Jacobs Engineering Group, Inc.
Comprehension of the Assignment	20%	18	17	17
Clarity of the Proposal	20%	16	18	17
Capacity to Perform in a Timely Manner	20%	17	18	18
Quality & Experience of Project Manager/Team	20%	19	17	17
Previous Performance	10%	6	8	9
Overall Suitability for the Assignment*	10%	9	9	8
<b>Total</b>	<b>100%</b>	<b>85</b>	<b>87</b>	<b>86</b>

\*Includes: Proximity to project; usage, quality and experience of subconsultants proposed; related municipalities or other third party.

- Ranking of Firms:
1. *HTA*
  2. *JACOBS*
  3. *ASG*