



*William Cass, P.E.
Commissioner*

**THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION**

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*David Rodrigue, P.E.
Assistant Commissioner
Andre Briere, Colonel, USAF (RET)
Deputy Commissioner*

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

Bureau of Aeronautics
October 10, 2023

REQUESTED ACTION

Authorize the Department of Transportation to provide funding to the Nashua Airport Authority (NAA), (Vendor 154441), for SBG 12-29-2023 to conduct an Air Traffic Control Tower (ATCT) Siting/Relocation/Replacement Study, at Boire Field, Nashua NH. Federal participation in the amount of \$174,000 is effective upon Governor and Council approval through August 24, 2027. 100% Federal Funds.

Funding is available as follows:

	<u>FY 2024</u>
04-96-96-960030-1335 FAA Projects	
034-500161 New Construction	\$ 174,000

EXPLANATION

One Federal Aviation Administration (FAA) State Block Grant was awarded to the State of New Hampshire:

<u>FAA Grant Number</u>	<u>FAA Grant Amount</u>
3-33-SBGP-47-2023	\$174,000

A total of \$174,000 (100% of the project cost) is proposed from the grant listed above for this airport planning project (SBG 12-29-2023 copy attached) to conduct an Air Traffic Control Tower (ATCT) Siting/Relocation/Replacement Study, at Boire Field, Nashua NH. The funding for this project is granted from the Bipartisan Infrastructure Law (BIL).

The study will provide FAA with technical assistance in evaluating all contributing factors and determining the ideal location, height, and tower cab size of a new future ATCT. The FAA tower siting study will accurately site a replacement ATCT consistent with the FAA's mission to foster a safe, secure, and efficient aviation system.

The Department of Transportation accepts the Federal Funds (\$174,000) for this project as a pass through to the NAA in accordance with RSA 422:15. The total cost of the airport planning project, including 100% federal share, is \$174,000.

	AVAILABLE GRANT FUNDING		REQUESTED ACTION	
	Cost	%	Cost	%
FAA	\$174,000	100%	\$174,000	100%
State	\$0	0%	\$0	0%
NAA	\$0	0%	\$0	0%
Total	\$174,000	100%	\$174,000	100%

The Contract has been approved by the Attorney General as to form and execution, and the Department has verified that the necessary funds are available. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

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 to execute the grant offer; therefore, all funding for this project is encumbered in the first fiscal year.

Sincerely,



William J. Cass, P.E.
Commissioner

Attachments
WC/tls



U.S. Department
of Transportation
Federal Aviation
Administration

**FAA CONTRACT TOWER PROGRAM GRANT
FY 2023 AVIATION STATE BLOCK GRANT PROGRAM
GRANT AGREEMENT
Part I - Offer**

Federal Award Offer Date	August 22, 2023
Block Grant Number	N/A
FAA Contract Tower Program Grant Number	3-33-SBGP-047-2023
Unique Entity Identifier	DMA7LGZ3RMT1

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 FAA has entered into a State Block Grant Program (SBGP) Memorandum of Agreement (MOA) with the State for the administration of FAA Contract Tower Program Grant (FCT) funds for airport planning, development, and noise program implementation projects conforming to Public Law (117-58), as permitted under 49 U.S.C. § 47128 at non-primary airports in the State (covered airports);

WHEREAS, the State, as an approved SBGP participant, has the administrative responsibility to administer FCT Funds for Sponsors of covered airports;

WHEREAS, the State has submitted to the FAA a Block Grant Project Application dated July 11, 2023, for a Grant of Federal funds at or associated with New Hampshire State Block Grant Program Airports, which is a covered airport in New Hampshire and is included as part of this FCT State Block Grant Agreement (Grant Agreement);

WHEREAS, the FAA has made a Grant Offer and the State has accepted the terms of FAA's Grant Offer;

WHEREAS, in consideration of the promises, representations and assurances provided by the State, the FAA has approved the State Block Grant Project Application to provide FCT Grant funds (herein called the "Grant") to the State for eligible and justified projects (herein called the "Projects") for the following covered airports:

Boire Field Airport (ASH), Nashua, New Hampshire, Conduct Misc. Study – Air Traffic Control Tower (ATCT) Siting/Relocation/Replacement Study, \$174,000.

NOW THEREFORE, pursuant to and for the purpose of carrying out the Infrastructure Investment and Jobs Act (Public Law 117-58, Division J, Title VIII) of 2021 referred to as the Bipartisan Infrastructure Law (BIL); and the representations contained in the State Block Grant Project Application for FCT Funds; and in consideration of:

- (a) the State's acceptance of this Offer;
- (b) the State's participation in the SBGP;
- (c) the Sponsor's adoption and ratification of the Grant Assurance attached hereto; and
- (d) the benefits to accrue to the United States and the public from the accomplishment of the Projects at the covered airports and compliance with the Grant Assurances, terms, and conditions as herein provided;

THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay 100% 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 \$174,000.

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):

\$174,000 for planning;
\$0 airport development; 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 State formally accepts this Agreement and is the date signed by the last State 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 State 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).
3. All subgrants issued by the State to covered airports under this State Block Grant Agreement shall be subject to the Period of Performance defined in this Agreement.

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 2(a)(1). Pursuant to 2 CFR § 200.403(h), a 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 State is authorized to expend the funds awarded, including any funds carried forward or other revisions pursuant to 2 CFR § 200.308.
 3. All subgrants issued by the State to covered airports under this State Block Grant Agreement shall be subject to the Budget Period defined in this Agreement.
- c. Close Out and Termination:
1. Unless the FAA authorizes a written extension, the State or Sponsor, as applicable, 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 State or Sponsor, as applicable, 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. **Requirements for Subgrants.** The State must incorporate all Federal contract provisions that apply to a Project funded with FCT funds, including but not limited to the following in all subgrants issued to Sponsors under this State Block Grant and require compliance by the Sponsors of the covered airports included in this State Block Grant Agreement:
- a. The terms and conditions attached to this Grant Agreement;
 - b. At least one of the following, as applicable:
 1. Assurances: Airport Sponsors (Bipartisan Infrastructure Law), or
 2. Assurances: Planning Agency (May 2022); and
 - c. All information required by 2 CFR § 200.332.
4. **FAA Contract Tower Program Funds.** \$174,000 of the total maximum obligation identified in Condition No. 1, Maximum Obligation, of this Grant Agreement are apportioned under Public Law 117-58, Division J, Title VIII.
- The State understands and agrees that these funds will be used at the locations and in the amounts listed below for eligible and justified projects as determined by the State's priority rankings, provided the projects are permitted by Public Law 117-58, Division J, Title VIII;
- Boire Field Airport (ASH), Conduct Misc. Study – Air Traffic Control Tower (ATCT)
Siting/Relocation/Replacement Study, \$174,000 (BCB2023 \$174,000).
5. **Ineligible or Unallowable Costs.** The State and Sponsor must not include any costs in the projects funded with this Grant that are ineligible or unallowable in accordance with Public Law 117-58, Division J, Title VIII.

6. **Indirect Costs – State and Sponsor.** The State may allow a Sponsor 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 Sponsor direct salaries and wages that are necessary for carrying out the Projects. The State may charge indirect project costs under this Grant by applying the indirect cost rate identified in the State Block Grant application, as accepted by the FAA, to allowable project specific costs for State direct salaries and wages that are necessary for administering a subgrant project.
7. **Determining the Final Federal Share of Costs.** The United States' share of allowable project costs will be made in accordance with Public Law 117-58, Division J, Title VIII, the regulations, and the Secretary of Transportation's ("Secretary's") policies and procedures. 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.
8. **Completing the Project without Delay and in Conformance with Requirements.**
 - a. The State must assure, and must require the Sponsor to assure, that projects are carried out and completed without undue delays and in accordance with this Grant Agreement, BIL (Public Law 117-58), the regulations, and the Secretary's policies and procedures.
 - b. The State agrees, and will require Sponsors agree, to post-award performance and project evaluation requirements by the FAA/DOT/Federal government or its agents as specified in the NOFO.
 - c. Per 2 CFR § 200.308, the State agrees, and will require Sponsors agree, to report and request prior approval from the State or FAA for any disengagement from funding eligible expenses under the Grant and subgrants that exceed three months or a 25 percent reduction in time devoted to the project. The report must include a reason for the stoppage.
 - d. The State agrees, and will require Sponsors agree, to comply with the attached grant assurances, which are part of this Agreement. These assurances, conditions, and any addendums apply to subgrants issued under this Grant as provided for in paragraph 3(b).
9. **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.
10. **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 September 7, 2023**, or such subsequent date as may be prescribed in writing by the FAA.
11. **Improper Use of Federal Funds.** The State and 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 projects 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 State or Sponsor, that were originally paid pursuant to this or any other Federal grant agreement(s). The State must obtain the approval of the Secretary as to any determination of the amount of the Federal share of such funds. The State and Sponsor, as applicable, must return the recovered Federal share, including funds recovered by settlement, order, or judgment, to the Secretary. The State and Sponsor, as applicable, 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 and Sponsor, in court or otherwise, involving the recovery of such Federal share require advance approval by the Secretary.

12. **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 or subgrants, including, but not limited to, any action taken by a State and Sponsor related to or arising from, directly or indirectly, this Grant Agreement.

13. **System for Award Management (SAM) Registration and Unique Entity Identifier (UEI).**

- a. Requirement for System for Award Management (SAM): Unless the State or Sponsor is exempted from this requirement under 2 CFR § 25.110, the State and Sponsor must maintain the currency of its information in 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, and will require 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/content/entity-registration>.

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

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

The FAA can, subject to the availability of funds, issue a letter to the State 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, Maximum Obligation.

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.

16. **Air and Water Quality.** The State and Sponsor are required to comply with all applicable air and water quality standards for all projects in this grant. If the State or Sponsor fails to comply with this requirement, the FAA or State, as applicable, may suspend, cancel, or terminate this Grant Agreement.
17. **Financial Reporting and Payment Requirements.** The State and Sponsor will comply with all Federal financial reporting requirements and payment requirements, including submittal of timely and accurate reports.

18. **Buy American.** Unless otherwise approved in advance by the FAA, in accordance with 49 U.S.C. § 50101, the State and Sponsor will not acquire or permit any contractor or subcontractor to acquire any steel or manufactured goods produced outside the United States to be used for any project for which funds are provided under this Grant. The State and Sponsor will include a provision implementing Buy American in every contract and subcontract awarded under this Grant.
19. **Build America, Buy America.** The State and Sponsor, as applicable, must comply with the requirements under the Build America, Buy America Act (Public Law 117-58).
20. **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, Maximum Obligation, of this Grant:
- 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 State or Sponsor requests an increase, any eligible increase in funding will be subject to the United States Government share as provided in BIL (Public Law 117-58), 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 under the original terms of this Grant for any amount increased over the initial grant amount. The FAA may adjust the Federal Share as applicable through an informal letter of amendment.

21. **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. Sponsors that expend less than \$750,000 in Federal awards and are exempt from Federal audit requirements must make records available for review or audit by the appropriate Federal agency officials, State, and Government Accountability Office. The FAA and other appropriate Federal agencies may request additional information to meet all Federal audit requirements.

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

- a. Immediately disclose to the FAA whenever the State:
 1. Learns a Sponsor has entered into a covered transaction with an ineligible entity; or
 2. Suspends or debar a contractor, person, or entity.
- b. Include a provision in all subgrants that requires Sponsors 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:

- i. 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
 - ii. Collecting a certification statement from the non-Federal entity attesting they are not excluded or disqualified from participating; or
 - iii. Adding a clause or condition to covered transactions attesting the 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., subcontracts).
- c. The State must also insert this clause on suspension or debarment in all subgrants, contracts, and subcontracts that result from this Grant.

23. 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 Sponsors 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:
 - i. Establishment of new rules and programs or re-evaluation of existing programs to prohibit text messaging while driving; and
 - ii. 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.

24. Trafficking In Persons.

- a. *Posting of contact information.*
 1. The Sponsor must post the contact information of the national human trafficking hotline (including options to reach out to the hotline such as through phone, text, or TTY) in all public airport restrooms.
- b. *Provisions applicable to a recipient that is a private entity.*
 1. You as the recipient, your employees, subrecipients under this Grant, and subrecipients' employees may not:
 - i. Engage in severe forms of trafficking in persons during the period of time that the Grant and applicable conditions are in effect;
 - ii. Procure a commercial sex act during the period of time that the Grant and applicable conditions are in effect; or
 - iii. Use forced labor in the performance of the Grant or any subgrants under this Grant.

2. We as the Federal awarding agency, may unilaterally terminate this Grant, without penalty, if you or a subrecipient that is a private entity –
 - i. Is determined to have violated a prohibition in paragraph (a) of this Grant Condition; or
 - ii. 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 Grant Condition through conduct that is either –
 - a) Associated with performance under this Grant; or
 - b) Imputed to you or 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 Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by our agency at 2 CFR Part 1200.
- c. *Provision applicable to a recipient other than a private entity.* We as the Federal awarding agency may unilaterally terminate this Grant, without penalty, if a subrecipient that is a private entity –
 1. Is determined to have violated an applicable prohibition in paragraph (a) of this Grant Condition; or
 2. Has an employee who is determined by the agency official authorized to terminate the Grant to have violated an applicable prohibition in paragraph (a) of this Grant Condition through conduct that is either –
 - i. Associated with performance under this Grant; or
 - ii. 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 Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by our agency at 2 CFR Part 1200.
- d. *Provisions applicable to any recipient.*
 1. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a) of this Grant Condition.
 2. Our right to terminate unilaterally that is described in paragraph (a) or (b) of this Grant 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.
 3. You must include the requirements of paragraph (a) of this Grant Condition in any subgrant you make to a private entity.
- e. *Definitions.* For purposes of this Grant Condition:
 1. “Employee” means either:
 - i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this Grant; or

- ii. Another person engaged in the performance of the project or program under this Grant and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
- 2. "Force labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
- 3. "Private entity":
 - i. Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR § 175.25.
 - ii. Includes:
 - a) A nonprofit organization, including any nonprofit institute of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR § 175.25(b).
 - b) A for-profit organization.
- 4. "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. § 7102).
- 25. **Exhibit "A" Property Map.** The State and Sponsor 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.
- 26. **Employee Protection from Reprisals.**
 - a. Prohibition of Reprisals.
 - 1. In accordance with 41 U.S.C. § 4712, an employee of a State, 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 subparagraph (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 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.
- b. Investigation of Complaints.
- 1. Submission of Complaint. A person who believes that they have been subjected to a reprisal prohibited by paragraph (a) of this Condition may submit a complaint regarding the reprisal to the Office of Inspector General (OIG) for the U.S. Department of Transportation.
 - 2. 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.
 - 3. 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).
- c. Remedy and Enforcement Authority.
- 1. 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)(2).
- d. The State must insert this clause on employee protection from reprisal in all subgrants that result from this Grant Agreement.
27. **Co-Sponsor.** If the State awards a subgrant to an airport with more than one Sponsor, the State will require all the Co-Sponsors to 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.
28. **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, per 2 CFR § 170.220, \$30,000 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, 2024, the subgrant must be reported by no later than December 31, 2024.
 - 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:
 - i. The total Federal funding authorized to date under this grant is \$30,000 or more;
 - ii. In the preceding fiscal year, the State received:
 - a) 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
 - b) \$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
 - 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:
 - i. As part of the State's registration profile at <http://www.sam.gov>.
 - ii. 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:
 - i. In the subrecipient's preceding fiscal year, the subrecipient received:
 - a) 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
 - b) \$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
 - c) 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:
 - i. To the State.

- ii. 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.
- 29. **Prohibited Telecommunications and Video Surveillance Services and Equipment.** The State or Sponsor, as applicable, agrees to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)] and 2 CFR § 200.216.
- 30. **Critical Infrastructure Security and Resilience.** The State or Sponsor, as applicable, acknowledges that it has considered and addressed physical and cybersecurity and resilience in their project planning, design, and oversight, as determined by the DOT and the Department of Homeland Security (DHS). For airports that do not have specific DOT or DHS cybersecurity requirements, the FAA encourages the voluntary adoption of the cybersecurity requirements from the Transportation Security Administration and Federal Security Director identified for security risk Category X airports.
- 31. **Pre-Award Authority.** The State or Sponsor, as applicable, understands that all project costs must be incurred after the grant execution date unless specifically permitted under 49 U.S.C. § 47110(c). Certain airport development costs incurred before execution of the grant agreement, but after November 15, 2021, are allowable, only if certain conditions under 49 U.S.C. § 47110(c) are met.

SPECIAL CONDITIONS

- 32. **Buy American Executive Orders.** The State and Sponsor agree 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 State's acceptance of this Offer and ratification and adoption of the State Block Grant Project Application Incorporated herein shall be evidenced by execution of this Instrument by the State, as hereinafter provided, and this Offer and Acceptance shall comprise 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 funded under this Grant and compliance with the Grant Assurances, terms, and conditions as provided herein. Such Grant Agreement will become effective upon the State'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.¹

**UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION**


Julie Seltsam-Wilps (Aug 22, 2023 11:52 EDT)

(Signature)

Julie Seltsam-Wilps

(Typed Name)

Deputy Director, Airports Division

(Title of FAA Official)

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

Part II - Acceptance

The State does hereby ratify and adopt all assurances, statements, representations, warranties, covenants, and agreements contained in the State 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 State Block Grant Application and other applicable provisions of Federal law.

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.²

Executed this day of August 22, 2023

State of New Hampshire

(Name of Sponsor)

Michelle L. Winters

Michelle L. Winters (Aug 22, 2023 12:51 EDT)

(Signature of State's Designated Official Representative)

By: Michelle L. Winters

(Typed Name of State's Designated Official Representative)

Title: Director, Division of Aeronautics, Rail & Tr

(Title of State's Designated Official Representative)

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

CERTIFICATE OF STATE'S ATTORNEY

I, Samuel Burgess, acting as Attorney for the State do hereby certify:

That in my opinion the State is empowered to enter into the foregoing State Block Grant Agreement under the laws of the State of New Hampshire. Further, I have examined the foregoing State Block 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; the Infrastructure Investment and Jobs Act (Public Law 117-58, Division J, Title VIII) of 2021 referred to as the Bipartisan Infrastructure Law (BIL). In addition, for subgrants awarded under this Grant involving projects to be carried out on property not owned by the State or appropriate Sponsor, there are no legal impediments that will prevent full performance by the State or Sponsor. 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.

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.³

Dated this day of August 25, 2023

By: *Samuel Burgess*

(Signature of State's Attorney)

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



U.S. Department
of Transportation
Federal Aviation
Administration



GRANT AGREEMENT
FY 2023 FAA Contract Tower Program Grant Funds
Part I - Offer

Date of Offer October 2, 2023

Airport/Planning Area Boire Field

State Block Grant Number SBG 12-29-2023

Unique Entity Identifier DMXGDBYHMTK1

TO: Nashua Airport Authority/City of Nashua, New Hampshire
(herein called the "Sponsor")

FROM: **The State of New Hampshire** (acting through the New Hampshire Department of Transportation, herein called the "State")

WHEREAS, the Sponsor has submitted to the State a Project Application dated June 30, 2023, for a grant of Federal and State funds for a project at or associated with the Boire Field, which as approved by the State, is included as part of this Grant Agreement; and

WHEREAS, the State has approved a project for the Boire Field] (herein called the "Project") consisting of the following:

Conduct Miscellaneous Study – Air Traffic Control Tower (ATCT) Siting/Relocation/Replacement Study which is more fully described in the Project Application submitted in response to the Notice of Funding Opportunity (NOFO) published on November 9, 2022.

NOW THEREFORE, Pursuant to and for the purpose of carrying out the Infrastructure Investment and Jobs Act (Public Law 117-58, Division J, Title VIII) of 2021 referred to as the Bipartisan Infrastructure Law (BIL); 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, the State, and the public from the accomplishment of the Project and compliance with the Grant Assurance and conditions as herein provided;

THE NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, FOR AND ON BEHALF OF THE UNITED STATES AND THE STATE, HEREBY OFFERS AND AGREES to pay one hundred (100) % of the allowable costs incurred accomplishing the Project as the United States' and State's 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 and State payable under this Offer is \$174,000.00.

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):

- \$174,000.00 for planning
- \$0.00 for airport development or noise program implementation
- \$0.00 for land acquisition.

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

- a. Period of Performance:

1. The period of performance begins on the date the Sponsor formally accepts this agreement. Unless explicitly stated otherwise in an amendment from the State, the end date of the project period of performance is 4 years (1,460 calendar days) from the date of formal Block Grant acceptance by the State for federal funds that make up a portion of this project's funding. For this project, the period of performance end date is August 24, 2027.
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 (2)(a)(1). Pursuant to 2 CFR § 200.403(h), the Sponsor may charge to the Grant only allowable costs incurred during the Budget Period. Eligible project-related costs incurred on or after November 15, 2021 that comply with all Federal funding procurement requirements and FAA standards are allowable costs.
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 2 CFR § 200.308.

- c. Close Out and Termination:

1. Unless the State 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 90 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 State will proceed to close out the grant within 120 days of the Period of Performance end date with the information available at the end of 90 days (2 CFR § 200.344).

2. The FAA or State 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 or State 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 State, to allowable costs for Sponsor direct salaries and wages.
5. **Determining the Final Federal and State Shares of Costs.** The United States' and State's shares 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' and State's shares 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 and State shares of costs.
6. **Completing the Project Without Delay and in Conformance with Requirements.**
 - a. The Sponsor must carry out and complete the project without undue delays and in accordance with this Agreement, BIL (Public Law 117-58), the regulations, and the Secretary of Transportation's and the State's policies and procedures.
 - b. The Sponsor agrees to post-award performance and project evaluation requirements by the FAA/DOT/Federal government, the State, or their agents as specified in the NOFO.
 - c. Per 2 CFR § 200.308, the Sponsor agrees to report and request prior State approval for any disengagement from performing the project that exceeds three months or a 25 percent reduction in time devoted to the project. The report must include a reason for the project stoppage.
 - d. The Sponsor also agrees to comply with the grant assurances, which are part of this Agreement.
7. **Amendments or Withdrawals before Grant Acceptance.** The State 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 and State 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 November 3, 2023, or such subsequent date as may be prescribed in writing by the FAA.
9. **Improper Use of Federal and State Funds.** The Sponsor must take all steps, including litigation if necessary, to recover Federal and State funds spent fraudulently, wastefully, or in violation of Federal and State antitrust statutes, or misused in any other manner for any project upon which Federal and State funds have been expended. For the purposes of this Grant Agreement, the terms "Federal funds" and "State funds" means funds however used or dispersed by the Sponsor, that were originally paid pursuant to this or any other Federal or State grant agreement. The Sponsor must obtain the approval of the State as to any determination of the amount of the

Federal and State shares of such funds. The Sponsor must return the recovered Federal and State shares, including funds recovered by settlement, order, or judgment, to the State. The Sponsor must furnish to the State, upon request, all documents and records pertaining to the determination of the amount of the Federal and State shares 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 and State shares require advance approval by the State.

10. **United States Not Liable for Damage or Injury.** The United States and State are 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. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant shall survive the termination of this 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/content/entity-registration>.
12. **Electronic Grant Payment(s).** Unless otherwise directed by the State, the State will make each payment request under this agreement electronically via the Delphi invoicing System for Department of Transportation (DOT) Financial Assistance Awardees utilizing data provided by the Sponsor on forms acceptable to the State.
13. **Informal Letter Amendment of BIL Projects.** If, during the life of the project, the State determines that the maximum grant obligation of the United States and State 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 State can, subject to the availability of Federal and State funds, 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 State's authority to increase the maximum obligation does not apply to the "planning" component of Condition No. 1, Maximum Obligation.
- The State can also issue an informal letter amendment that modifies the grant description to correct administrative errors or to delete work items if the State finds it advantageous and in the best interests of the United States and the State.
- 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 State may suspend, cancel, or terminate this Grant Agreement.
15. **Financial Reporting and Payment Requirements**. The Sponsor will comply with all Federal and State financial reporting requirements and payment requirements, including submittal of timely and accurate reports.
16. **Buy American**. Unless otherwise approved in advance by the FAA and State, 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. **Build America, Buy American**. The sponsor must comply with the requirements under the Build America, Buy America Act (Public Law 117-58).
18. **Maximum Obligation Increase**. In accordance with 49 U.S.C. § 47108(b)(3), as amended, the maximum obligations of the United States and the State, as stated in Condition No. 1, Maximum Obligation, 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 BII. (Public Law 117-58), or other superseding legislation if applicable, and State share for the fiscal year appropriation with which the increase is funded. The FAA and State are not responsible for the same Federal and State shares provided herein for any amount increased over the initial grant amount. The FAA and State may adjust the Federal and State shares as applicable through an informal letter of amendment.

19. **Audits for 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/>. Provide one copy of the completed audit to the State. Sponsors that expend less than \$750,000 in Federal awards and are exempt from Federal audit requirements must make records available for review or audit by the appropriate Federal agency officials, State, and Government Accountability Office. The FAA, the State, and other appropriate government agencies may request additional information to meet all Federal audit requirements.
20. **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 the 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 with their contractors and sub-contractors.
- c. Immediately disclose in writing to the State whenever (1) the Sponsor learns they have entered into a covered transaction with an ineligible entity or (2) the Public Sponsor suspends or debars a contractor, person, or entity.

21. 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:
 - i. Establishment of new rules and programs or re-evaluation of existing programs to prohibit text messaging while driving; and
 - ii. 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.

22. Trafficking in Persons.

- a. *Posting of contact information.*
 - 1. The Sponsor must post the contact information of the national human trafficking hotline (including options to reach out to the hotline such as through phone, text, or TTY) in all public airport restrooms.
- b. *Provisions applicable to a recipient that is a private entity.*
 - 1. You as the recipient, your employees, subrecipients under this Grant, and subrecipients' employees may not:
 - i. Engage in severe forms of trafficking in persons during the period of time that the Grant and applicable conditions are in effect;

- ii. Procure a commercial sex act during the period of time that the Grant and applicable conditions are in effect; or
 - iii. Use forced labor in the performance of the Grant or any subgrants under this Grant.
- 2. We, as the State awarding agency, may unilaterally terminate this Grant, without penalty, if you or a subrecipient that is a private entity –
 - i. Is determined to have violated a prohibition in paragraph (a) of this Grant Condition; or
 - ii. 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 Grant Condition through conduct that is either –
 - a) Associated with performance under this Grant; or
 - b) Imputed to you or 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 Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by our agency at 2 CFR Part 1200.
- c. *Provision applicable to a recipient other than a private entity.* We, as the State awarding agency, may unilaterally terminate this Grant, without penalty, if a subrecipient that is a private entity –
 - 1. Is determined to have violated an applicable prohibition in paragraph (a) of this Grant Condition; or
 - 2. Has an employee who is determined by the agency official authorized to terminate the Grant to have violated an applicable prohibition in paragraph (a) of this Grant Condition through conduct that is either –
 - i. Associated with performance under this Grant; or
 - ii. 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 Governmentwide Debarment and Suspension (Nonprocurement),” as implemented by our agency at 2 CFR Part 1200.
- d. *Provisions applicable to any recipient.*
 - 1. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a) of this Grant Condition.
 - 2. Our right to terminate unilaterally that is described in paragraph (a) or (b) of this Grant 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.

3. You must include the requirements of paragraph (a) of this Grant Condition in any subgrant you make to a private entity.

e. *Definitions.* For purposes of this Grant Condition:

1. "Employee" means either:
 - i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this Grant; or
 - ii. Another person engaged in the performance of the project or program under this Grant and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
2. "Force labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.
3. "Private entity":
 - i. Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR § 175.25.
 - ii. Includes:
 - a) A nonprofit organization, including any nonprofit institute of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR § 175.25(b).
 - b) A for-profit organization.
4. "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. § 7102).

23. **Exhibit "A" Property Map.** The Exhibit "A" Property Map dated April 3, 2015 and originally submitted with SBG 12-15-2015, is incorporated herein by reference or is submitted with the project application and made part of this Grant Agreement.

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.
- b. Investigation of Complaints.
 - 1. Submission of Complaint. A person who believes that they have been subjected to a reprisal prohibited by paragraph (a) of this Condition may submit a complaint regarding the reprisal to the Office of Inspector General (OIG) for the U.S. Department of Transportation.
 - 2. 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.
 - 3. Required Actions of the Inspector General. Actions, limitations, and exceptions of the OIG's office are established under 41 U.S.C. § 4712(b).
- c. Remedy and Enforcement Authority.
 - 1. Assumption of Rights to Civil Remedy. Upon receipt of an explanation of a decision not to conduct or continue an investigation by the OIG, the person submitting a complaint assumes the right to a civil remedy under 41 U.S.C. § 4712(c)(2).

25. Prohibited Telecommunications and Video Surveillance Services and Equipment. The Sponsor agrees to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)] and 2 CFR § 200.216.

26. Critical Infrastructure Security and Resilience. The Sponsor acknowledges that it has considered and addressed physical and cybersecurity and resilience in their project planning, design, and oversight, as determined by the DOT and the Department of Homeland Security (DHS). For airports that do not have specific DOT or DHS cybersecurity requirements, the FAA and the State encourage the voluntary adoption of the cybersecurity requirements from the Transportation Security Administration and Federal Security Director identified for security risk Category X airports.

- 27. Pre-Award Authority.** The Sponsor understands that all project costs must be incurred after the grant execution date unless specifically permitted under 49 U.S.C. § 47110(c). Certain airport development costs incurred before execution of the grant agreement, but after November 15, 2021, are allowable, only if certain conditions under 49 U.S.C. § 47110(c) are met.
- 28. Availability of Funds.** Notwithstanding anything in this agreement to the contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability and continued appropriation of funds, and in no event shall the State be liable for any payments hereunder in excess of such available appropriated funds. In the event of a reduction or termination of those funds, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to terminate this agreement immediately upon giving the Sponsor notice of such termination. In any event neither the State nor United States shall be required to transfer funds from any other grant, program or account in the event funds under this grant are reduced or become unavailable.
- 29. Effective Date.** If the date for commencement precedes the Effective Date, all services performed by the Sponsor between the commencement date and the Effective Date shall be performed at the sole risk of the Sponsor and in the event that this Agreement does not become effective, the State shall be under no obligation to pay the Sponsor for any costs incurred or services performed; however that if this Agreement becomes effective all costs incurred prior to the effective date shall be paid under the terms of this Agreement.
- 30. Assignment of Interest.** The Sponsor shall not assign, or otherwise transfer any interest in this Agreement without the prior written consent of the State. None of the Services shall be delegated or subcontracted by the Sponsor without the prior written consent of the State.
- 31. Entire Agreement.** This agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understanding both written and verbal relating hereto.
- 32. Insurances.** The sponsor shall, at its sole expense, and shall require any subcontractor or assignee, to obtain and maintain in force, an insurance policy or policies designating the State as an additional insured, with the following insurance:
- a. Comprehensive general liability insurance against all claims of bodily injury, death or property damage, in amounts of not less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate; and
 - b. The policies described in this section shall be the standard form employed in the State of New Hampshire, issued by underwriters acceptable to the State, and authorized to do business in the State of New Hampshire; and
 - c. Each policy shall contain a clause prohibiting cancellation or modifications of the policy earlier than 10 days after written notice thereof has been received by the State.

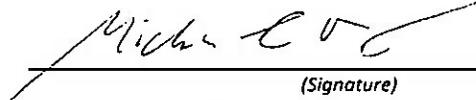
33. **Public Meeting.** By signing this form, the Sponsor certifies that the Sponsor has complied with any public meeting requirement for acceptance of this grant, including, if applicable, NH RSA 31:95-b.
34. **Airport Layout Plan.** The Sponsor understands and agrees to update the Airport Layout Plan to reflect the construction to standards satisfactory to the FAA and the State, and submit it in final form to the FAA and the State as described by 49 U.S.C. § 47107(a)(16). It is further mutually agreed that the reasonable cost of developing said Airport Layout Plan Map is an allowable cost within the scope of this project, if applicable. Airport Sponsors Grant Assurance 29 further addresses the Sponsor's statutory obligations to maintain an airport layout plan in accordance with 49 U.S.C. § 47107(a)(16).
35. **Site Selection.** The Sponsor understands and agrees that the Project cannot proceed beyond the site selection study until the Sponsor has received formal approval from the FAA and the State to proceed.
36. **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.

11/20/23 10:18 AM

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.

I declare under penalty of perjury that the foregoing is true and correct.¹

STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION


(Signature)

Michelle L. Winters
(Typed Name)

Director of Aeronautics, Rail & Transit
(Title of NHDOT Official)

Attorney General: This is to certify that the above Agreement has been reviewed by this office, and is approved as to form and execution.

Dated: 10/18/2023

By: 
Assistant Attorney General

Secretary of State: This is to certify that the Governor and Council on _____ approved this Agreement.

Dated: _____

Attest: _____

By: _____

Secretary of State

(Title)

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

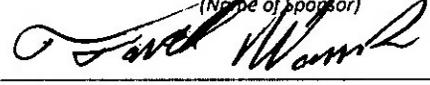
Part II - Acceptance

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.

I declare under penalty of perjury that the foregoing is true and correct.²

Executed this 4th day of October, 2023.

Nashua Airport Authority
(Name of Sponsor)



(Signature of Sponsor's Authorized Official)

By: Farrell Woods

(Typed Name of Sponsor's Authorized Official)

Title: Chairman

(Title of Sponsor's Authorized Official)

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

CERTIFICATE OF SPONSOR'S ATTORNEY

I, STEVEN A. BARTON, acting as Attorney for the Sponsor do hereby certify:
(Typed Name of Sponsor's Attorney)

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 Infrastructure Investment and Jobs Act (Public Law 117-58) of 2021 referred to as the Bipartisan Infrastructure Law (BIL), Division J, Title VIII; and the representations contained in the Project Application. 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.

I declare under penalty of perjury that the foregoing is true and correct.³

Dated at ASHMA (location) this 4th day of OCTOBER, 2023

By: 
(Signature of Sponsor's Attorney)

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

CERTIFICATE OF VOTE

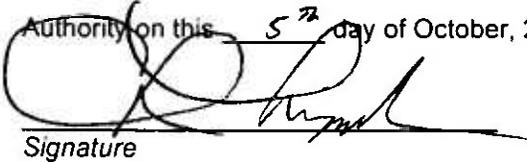
I, Christopher Lynch, do hereby certify that I am the Airport Manager of the Nashua Airport Authority, the City of Nashua's airport, Boire Field, in the state of New Hampshire, county of Hillsborough, in the United States of America.

I do further certify that Farrell Woods, is Chairman of the Nashua Airport Authority and is duly authorized by the by-laws and laws of the State of New Hampshire to execute and deliver for and on behalf of the Nashua Airport Authority any contracts with the State of New Hampshire. This authority was given during an emergency public meeting of the Board of Directors of the Nashua Airport Authority of the city of Nashua on the following date: October 4, 2023.

I further certify that such authority has not been repealed, rescinded, or amended.

IN WITNESS WHEREOF, I have hereunto set my hand and attached the seal of the Nashua Airport

Authority on this 5th day of October, 2023.


Signature

SEAL

Nashua Airport Manager
Title of Signatory

NOTARY STATEMENT

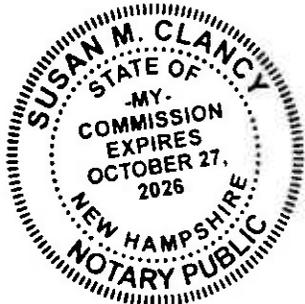
As Notary Public and/or Justice of the Peace, registered in the state of New Hampshire, county of Hillsborough upon this date October 5, 2023, appeared before me, Susan Clancy, the abovesigned officer personally appeared, Christopher Lynch, who acknowledged himself to be the Airport Manager of the Nashua Airport Authority, City of Nashua, New Hampshire, and that being authorized to do so, he executed the foregoing instrument for the purposes therein contained, by signing by himself in the name of the Nashua Airport Authority, City of Nashua, New Hampshire. In witness whereof, I hereunto set my hand and official seal.


Signature

Name of Notary or Justice of the Peace

10/27/2026
Date of Expiration of Commission

SEAL





OLD REPUBLIC INSURANCE COMPANY

CERTIFICATE OF INSURANCE

Revised

This is to certify to
(Certificate Holder):

The State of New Hampshire
Department of Transportation – John O. Morton Building
7 Hazen Drive, Post Office Box 483
Concord, NH 03302-0483

The following policy(ies)
Have been issued to:

City of Nashua & Nashua Airport Authority
93 Perimeter Road
Nashua, NH 03063

AIRPORT OWNERS AND OPERATORS POLICY INFORMATION:

AIRPORT POLICY NO: PR 00209622 POLICY PERIOD: FROM: May 1, 2023 TO: May 1, 2024

THIS COVERAGE IS EFFECTIVE 12:01 A.M. May 1, 2023

INSURANCE COMPANY: OLD REPUBLIC INSURANCE COMPANY

LIABILITY COVERAGES:

- Comprehensive General Liability
- Personal Injury Liability
- Medical Malpractice Liability
- Hangar Keepers Liability
- Fire Legal Liability
- Premises Medical Payments

\$ XXXX
\$ XXXX
\$ XXXX
\$ 1,000,000
\$ XXXX
\$ 3,000

LIMITS OF LIABILITY

Each Person	\$ 5,000,000	Each Occurrence*
Each Person	\$ 5,000,000	Each Occurrence*
Each Person	\$ 5,000,000	Each Loss*
Each Person	\$ 1,000,000	Each Occurrence*
Each Person	\$ 100,000	Each Loss*
Each Person	\$ 15,000	Each Accident*

LOCATION(S):

Boire Field Airport, Nashua, NH

THIS CERTIFICATE HOLDER IS:

- Included as a Loss Payee for Aircraft Physical Damage Coverage.
- Breach of Warranty Coverage on Aircraft Physical Damage as their interest may appear not to exceed 90% of the Insured Value.
- Included as an Additional Insured, but only with respect to operations of the Named Insured.
- Provided a Waiver of Subrogation on Aircraft Physical Damage Coverage, but only

OTHER COVERAGES / CONDITIONS / REMARKS:

Provision has been made to give the Certificate Holder thirty (30) days notice of cancellation - ten (10) days for nonpayment of premium of any policy above; however, the Company assumes no responsibility for the failure to provide such notice. This Certificate does not change in any way the actual coverages provided by the policy(ies) specified above.

This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not amend, extend, or alter the coverage, terms, conditions, or other provisions afforded by the policies referenced herein nor does it constitute a contract between the issuing insurer(s), authorized representative, or producer.

Old Republic Aerospace, Inc. Representative:

Agency Name: Arthur J. Gallagher Risk Mgmt. Svcs. Inc.
Agency Phone: 800-356-7075

Date: July 13, 2023



OLD REPUBLIC AEROSPACE, INC.

2015 Vaughn Road | Suite 300 | Kennesaw, GA 30144 | PH: (770) 590-4950



GALEASS-01

LGHIGLIAZZA

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/5/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ames & Gough 859 Willard Street Suite 320 Quincy, MA 02169	CONTACT NAME: PHONE (A/C, No, Ext): (617) 328-6555	FAX (A/C, No): (617) 328-6888
	E-MAIL ADDRESS: boston@amesgough.com	
INSURED Gale Associates, Inc. 6 Bedford Farms Drive, Suite 101, Bedford, NH 03110-6042	INSURER(S) AFFORDING COVERAGE	
	INSURER A: Continental Casualty Company (CNA) A, XV	NAIC # 20443
	INSURER B: Transportation Insurance Company A(XV)	NAIC # 20494
	INSURER C: Continental Insurance Company A(XV)	NAIC # 35289
	INSURER D: Lexington Insurance Company A, XV	NAIC # 19437
	INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER:	X		7037117330	5/1/2023	5/1/2024	EACH OCCURRENCE	\$ 1,000,000
							DAMAGE TO RENTED PREMISES (Fa occurrence)	\$ 1,000,000
							MED EXP (Any one person)	\$ 15,000
							PERSONAL & ADV INJURY	\$ 1,000,000
							GENERAL AGGREGATE	\$ 2,000,000
							PRODUCTS - COMP/OP AGG	\$ 2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	X		7037117327	5/1/2023	5/1/2024	COMBINED SINGLE LIMIT (Fa accident)	\$ 1,000,000
							BODILY INJURY (Per person)	\$
							BODILY INJURY (Per accident)	\$
							PROPERTY DAMAGE (Per accident)	\$
								\$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000	X		7037117358	5/1/2023	5/1/2024	EACH OCCURRENCE	\$ 7,000,000
							AGGREGATE	\$ 7,000,000
								\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	7037117344	5/1/2023	5/1/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER	
							E.L. EACH ACCIDENT	\$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	\$ 1,000,000
D	Professional Liab			031711024	5/1/2023	5/1/2024	Per Claim	3,000,000
D				031711024	5/1/2023	5/1/2024	Aggregate	5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 All Coverages are in accordance with the policy terms and conditions.

RE: Grant ID Number: SBG 12-29-2023 ATCT Siting/Relocation/Replacement Study, Gale JN 777133

The City of Nashua and the New Hampshire DOT Bureau of Aeronautics shall be included as additional insured with respects to General, Auto, and Umbrella Liability where required by written contract.

CERTIFICATE HOLDER

CANCELLATION

The City of Nashua Attn: Farrell Woods 93 Perimeter Road Nashua, NH 03063	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Jared Maxwell</i>
--	---

ASSURANCES

AIRPORT SPONSORS

A. General.

1. These assurances shall be complied with in the performance of grant agreements for airport development, airport planning, and noise compatibility program grants for airport sponsors.
2. These assurances are required to be submitted as part of the project application by sponsors requesting funds under the provisions of Public Law 117-58, Division J, Title VIII, 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, 23, 25, 30, 32, 33, 34, and 37 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 Grant including but not limited to the following:

FEDERAL LEGISLATION

- a. 49 U.S.C. subtitle VII, as amended.
- b. Davis-Bacon Act, as amended — 40 U.S.C. §§ 3141-3144, 3146, and 3147, et seq.¹
- c. Federal Fair Labor Standards Act — 29 U.S.C. § 201, et seq.
- d. Hatch Act — 5 U.S.C. § 1501, et seq.²
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601, et seq.^{1, 2}
- f. National Historic Preservation Act of 1966 — Section 106 — 54 U.S.C. § 306108.¹
- g. Archeological and Historic Preservation Act of 1974 — 54 U.S.C. § 312501, et seq.¹
- h. Native Americans Grave Repatriation Act — 25 U.S.C. § 3001, et seq.
- i. Clean Air Act, P.L. 90-148, as amended — 42 U.S.C. § 7401, et seq.
- j. Coastal Zone Management Act, P.L. 92-583, as amended — 16 U.S.C. § 1451, et seq.
- k. Flood Disaster Protection Act of 1973 — Section 102(a) - 42 U.S.C. § 4012a.¹
- l. 49 U.S.C. § 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, as amended — 42 U.S.C. § 4151, et seq.¹
- s. Powerplant and Industrial Fuel Use Act of 1978 — Section 403 — 42 U.S.C. § 8373.¹
- t. Contract Work Hours and Safety Standards Act — 40 U.S.C. § 3701, et seq.¹
- u. Copeland Anti-kickback Act — 18 U.S.C. § 874.¹
- v. National Environmental Policy Act of 1969 — 42 U.S.C. § 4321, et seq.¹
- w. Wild and Scenic Rivers Act, P.L. 90-542, as amended — 16 U.S.C. § 1271, et seq.
- x. Single Audit Act of 1984 — 31 U.S.C. § 7501, et seq.²

- y. Drug-Free Workplace Act of 1988 – 41 U.S.C. §§ 8101 through 8105.
- 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).
- aa. Civil Rights Restoration Act of 1987, P.L. 100-259.
- bb. Build America, Buy America Act, P.L. 117-58, Title IX.

EXECUTIVE ORDERS

- a. Executive Order 11246 – Equal Employment Opportunity¹
- b. Executive Order 11990 – Protection of Wetlands
- c. Executive Order 11998 – Flood Plain Management
- d. Executive Order 12372 – Intergovernmental Review of Federal Programs
- e. Executive Order 12699 – Seismic Safety of Federal and Federally Assisted New Building Construction¹
- f. Executive Order 12898 – Environmental Justice
- g. Executive Order 13166 – Improving Access to Services for Persons with Limited English Proficiency
- h. Executive Order 13985 – Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government
- i. Executive Order 13988 - Preventing and Combating Discrimination on the Basis of Gender Identity or Sexual Orientation
- j. Executive Order 14005 – Ensuring the Future is Made in all of America by All of America’s Workers
- k. Executive Order 14008 – Tackling the Climate Crisis at Home and Abroad

FEDERAL REGULATIONS

- a. 2 CFR Part 180 – OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement).
- b. 2 CFR Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.^{4, 5}
- c. 2 CFR Part 1200 – Nonprocurement 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 – Nondiscrimination on the Basis of Disability in State and Local Government Services.
- h. 28 CFR § 50.3 – U.S. Department of Justice Guidelines for the Enforcement of Title VI of the Civil Rights Act of 1964.
- i. 29 CFR Part 1 – Procedures for Predetermination of Wage Rates.¹

- j. 29 CFR Part 3 – Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States.¹
- k. 29 CFR Part 5 – Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction (Also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act).¹
- l. 41 CFR Part 60 – Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and Federally-assisted contracting requirements).¹
- m. 49 CFR Part 20 – New Restrictions on Lobbying.
- n. 49 CFR Part 21 – Nondiscrimination in Federally-Assisted Programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964.
- o. 49 CFR Part 23 – Participation by Disadvantage Business Enterprise in Airport Concessions.
- p. 49 CFR Part 24 – Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs.^{1, 2}
- q. 49 CFR Part 26 – Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs.
- r. 49 CFR Part 27 – Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance.¹
- s. 49 CFR Part 28 – Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the Department of Transportation.
- t. 49 CFR Part 30 – Denial of Public Works Contracts to Suppliers of Goods and Services of Countries That Deny Procurement Market Access to U.S. Contractors.
- u. 49 CFR Part 32 – Governmentwide Requirements for Drug-Free Workplace (Financial Assistance).
- v. 49 CFR Part 37 – Transportation Services for Individuals with Disabilities (ADA).
- w. 49 CFR Part 38 – Americans with Disabilities Act (ADA) Accessibility Specifications for Transportation Vehicles.
- x. 49 CFR Part 41 – Seismic Safety.

FOOTNOTES TO ASSURANCE (C)(1)

- ¹ These laws do not apply to airport planning sponsors.
- ² These laws do not apply to private sponsors.
- ³ 2 CFR Part 200 contains requirements for State and Local Governments receiving Federal assistance. Any requirement levied upon State and Local Governments by this regulation shall apply where applicable to private sponsors receiving Federal assistance under Title 49, United States Code.
- ⁴ Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- ⁵ Audit requirements established in 2 CFR part 200 subpart F are the guidelines for audits.

SPECIFIC ASSURANCES

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

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 ensure that the airport will be operated and maintained in accordance with Title 49, United States Code, the regulations and the terms, conditions and assurances in this Grant Agreement and shall ensure 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 49 U.S.C. § 47107(s) 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 49 U.S.C. § 44706, 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 under 40 U.S.C. §§ 3141-3144, 3146, and 3147, Public Building, Property, and Works), 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 49 U.S.C. § 47112. 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 aviators 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 49 U.S.C. § 47102), if the FAA determines the airport sponsor meets the requirements set forth in Section 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.

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 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, color, and national origin (including limited English proficiency) 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); creed and sex (including sexual orientation and gender identity) per 49 U.S.C. § 47123 and related requirements; age per the Age Discrimination Act of 1975 and related requirements; or disability per the Americans with Disabilities Act of 1990 and related requirements, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in any program and 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 49 CFR §§ 21.23(b) and 21.23(e), 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 Nashua Airport Authority/City of Nashua, New Hampshire, 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 or offerors that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, [select businesses, or disadvantaged business enterprises or airport concession disadvantaged business enterprises] will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability 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 Department of Transportation (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 (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability 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 49 U.S.C. § 47117(e);
 3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. § 47114, 47115, or 47117, or under Public Law 117-58, Division J, Title VIII; or
 4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport.

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, 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 49 U.S.C. § 47117(e);
 3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. §§ 47114, 47115, or 47117, or under Public Law 117-58, Division J, Title VIII; or
 4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport.
- 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.

If any phase of such project has received Federal funds under Chapter 471 subchapter 1 of Title 49 U.S.C., or Public Law 117-58, Division J, Title VIII 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 a Bipartisan Infrastructure Law grant in accordance with policies, standards, and specifications approved by the Secretary including, but not limited to, current FAA Advisory Circulars (<https://www.faa.gov/airports/aip/media/aip-pfc-checklist.pdf>) for BIL projects as of June 30, 2023.

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 of 49 CFR Part 24 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, 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 1986 (31 U.S.C. §§ 3801-3809, 3812).

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 49 U.S.C. § 47102) 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.

Application for Federal Assistance SF-424

*1. Type of Submission:

- Preapplication
- Application
- Changed/Corrected Application

*2. Type of Application

- New
- Continuation
- Revision

* If Revision, select appropriate letter(s):

* Other (Specify)

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JUL 6, 2023
NH AERONAUTICS

*3. Date Received:

4. Applicant Identifier:

ASH

5a. Federal Entity Identifier:

*5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*a. Legal Name: Nashua Airport - Boire Field

*b. Employer/Taxpayer Identification Number (EIN/TIN):
02-0262661*c. UEI:
DMXGDBYHMTK1**d. Address:**

*Street 1: 98 Perimeter Road

Street 2:

*City: Nashua

County/Parish: Hillsborough

*State: Province: NH

*Country: USA

*Zip / Postal Code 03063-1325

e. Organizational Unit:Department Name:
City of Nashua, NHDivision Name:
Nashua Airport Authority**f. Name and contact information of person to be contacted on matters involving this application:**

Prefix: Mr. *First Name: Chris

Middle Name:

*Last Name: Lynch

Suffix:

Title: Airport Manager

Organizational Affiliation:
Nashua Airport Authority

*Telephone Number: 603-882-0661

Fax Number: (603) 881-5414

*Email: chrislynch@nashuaairport.com

Application for Federal Assistance SF-424

***9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Pick an applicant type

Type of Applicant 3: Select Applicant Type:

Pick an 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:**

FAA-ARP-BIL-G-23-001

*Title:

BIL FCT (FAA Contract Tower) Competitive Grant Program

13. Competition Identification Number:

N/A

Title:

N/A

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

City of Nashua, Hillsborough County, New Hampshire, USA

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

Air traffic control tower siting study

Attach supporting documents as specified in agency instructions.

Application for Federal Assistance SF-424	
16. Congressional Districts Of:	
*a. Applicant: 2nd	*b. Program/Project: 2nd
Attach an additional list of Program/Project Congressional Districts if needed.	
17. Proposed Project:	
*a. Start Date: 06/10/2023	*b. End Date: 12/31/2024
18. Estimated Funding (\$):	
*a. Federal	\$ 174,000 ✓
*b. Applicant	\$ 0 ✓
*c. State	\$ 0 ✓
*d. Local	\$ 0
*e. Other	\$ 0
*f. Program Income	\$ 0
*g. TOTAL	<u>\$ 174,000</u> ✓
*19. Is Application Subject to Review By State Under Executive Order 12372 Process?	
<input type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on _____	
<input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review.	
<input checked="" type="checkbox"/> c. Program is not covered by E.O. 12372.	
*20. Is the Applicant Delinquent On Any Federal Debt?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If "Yes", explain:	
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001)	
<input checked="" type="checkbox"/> ** I AGREE	
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.	
Authorized Representative:	
Prefix: Mr.	*First Name: Chris
Middle Name:	
*Last Name: Lynch	
Suffix:	
*Title: Airport Manager	
*Telephone Number: 603-882-0661	Fax Number: 603-881-5415
* Email: chrislynch@nashuaairport.com	
DocuSigned by:	
*Signature of Authorized Representative: <i>Chris Lynch</i>	*Date Signed: 06/30/2023



Application for Federal Assistance (Planning Projects)

Part II – Project Approval Information

Section A – Statutory Requirements

The term "Sponsor" refers to the applicant name as provided in box 8 of the associated SF-424 form.

Item 1 Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Item 2 Can Sponsor commence the work identified in the application in the fiscal year the grant is made or within six months after the grant is made, whichever is later?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Item 3 Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Item 4 Is the project covered by another Federal assistance program? If yes, please identify other funding sources by the Catalog of Federal Domestic Assistance (CFDA) number. CFDA: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Item 5 Will the requested Federal assistance include Sponsor indirect costs as described in 2 CFR Appendix VII to Part 200, States and Local Government and Indian Tribe Indirect Cost Proposals? If the request for Federal assistance includes a claim for allowable indirect costs, select the applicable indirect cost rate the Sponsor proposes to apply: <input type="checkbox"/> De Minimis rate of 10% as permitted by 2 CFR § 200.414 <input type="checkbox"/> Negotiated Rate equal to ____% as approved by _____ (the Cognizant Agency) on _____ (Date) (2 CFR part 200, appendix VII)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.

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 III – Budget Information

Section A – Budget Summary

Grant Program (a)	Federal Catalog No (b)	New or Revised Budget		
		Federal (c)	Non-Federal (d)	Total (e)
1. Airport Improvement Program	20-106	\$ 174,000	\$	\$ 174,000
2.				
3. TOTALS		\$ 174,000	\$	\$ 174,000

Section B – Budget Categories (All Grant Programs)

4. Object Class Categories	Airport Improvement Program (1)		Other Program (2)		Total
	Amount	Adjustment + or (-) Amount (Use only for revisions)	Amount	Adjustment + or (-) Amount (Use only for revisions)	
a. Administrative expense	\$ 1,662	\$	\$	\$	\$ 1,662
b. Airport Planning	172,338				172,338
c. Environmental Planning					
d. Noise Compatibility Planning					
e. Subtotal	174,000				174,000
f. Program Income					
g. TOTALS (line e minus line f)	\$ 174,000	\$	\$	\$	\$ 174,000

Section C – Non-Federal Resources

Grant Program (a)	Applicant (b)	State (c)	Other Sources (d)	Total (e)
5.	\$	\$	\$	\$
6.				
7. TOTALS	\$	\$	\$	\$

Section D – Forecasted Cash Needs

Source of funds	Total for Project	1 st Year	2 nd Year	3 rd Year	4th Year
8. Federal	\$ 174,000	\$ 135,000	\$ 39,000	\$	\$
9. Non-Federal					
10. TOTAL	\$ 174,000	\$ 135,000	\$ 39,000	\$	\$

Section E – Other Budget Information

11. Other Remarks: (attach sheets if necessary)

Part IV - Program Narrative

(Suggested Format)

PROJECT: Air Traffic Control Tower Siting Study**AIRPORT:** Nashua Airport - Boire Field**1. Objective:**

The objective of the Tower Siting Study is to provide the FAA with technical assistance in evaluating all contributing factors and determining the ideal location, height, and cab size of a future new Air Traffic Control Tower.

2. Benefits Anticipated:

The Tower Siting Study process will accurately site a replacement Air Traffic Control Tower (ATCT) consistent with the FAA's mission to foster a safe, secure, and efficient aviation system. The study will balance the requirements and considerations, both internal and external to the FAA, and determine the optimum height, cab size, and location of the ATCT.

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

See attached Scope of Work.

4. Geographic Location:

Nashua Airport - Boire Field, City of Nashua, Hillsborough County, New Hampshire, USA

5. If Applicable, Provide Additional Information:

N/A

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

Gale Associates, Inc. (603-471-1887)
6 Bedford Farms Drive, Suite 101
Bedford, NH 03110

Supplemental Narrative
 Application for AIP Grant
 Nashua Airport – Boire Field
 Nashua, New Hampshire
 Air Traffic Control Tower Siting Study
 NHDOT No. TBD

June 30, 2023
 Page 1 of 2

Project Description

This project is to provide technical assistance in evaluating the contributing physical, airspace, and environmental factors in determining the ideal location, height, and cab size of a new replacement Air Traffic Control Tower (ATCT) for the Nashua Airport. The Tower Siting Study (TSS) process will result in a site for the proposed replacement ATCT consistent with the FAA’s mission to foster a safe, secure, and efficient aviation system at the Nashua Airport and within the National Airspace System (NAS). The study will balance the requirements and considerations, both internal and external to the FAA, and determine all optimal characteristics including location for the new ATCT.

Cost Breakdown of Major Work Items

The project cost summary is presented in the table below.

Description	Fee
Planning/Engineering	\$98,250.00
Reimbursable Agreement	\$74,088.00
Sponsor Administration	\$1,662.00
Total Project Cost	\$174,000.00

FAA Share (100%)	\$174,000.00
NHDOT/BA Share (0%)	\$0.00
Local Share (0%)	\$0.00

Project Schedule

Project Scoping Meeting----- May 2023
 Contract Negotiations----- June 2023
 Submit FAA Grant Applications----- July 2023
 FAA Grant Issued----- September 2023
 Initiate Siting Study----- December 2023
 Complete Siting Study----- December 2024

Supplemental Narrative
Application for AIP Grant
Nashua Airport – Boire Field
Nashua, New Hampshire
Air Traffic Control Tower Siting Study
NHDOT No. TBD

June 30, 2023

Page 2 of 2

Project Environmental Impacts

This project is categorically excluded from further review under NEPA per FAA Order 1050.1F paragraph 5-6.1.o. This project presents no extraordinary circumstances that would require further review under NEPA per paragraph 5-2 of FAA Order 1050.1F.

Statement on DBE Status

There is no project-specific DBE goal for this project. The Nashua Airport has a race neutral DBE Participation goal of 1.8% for FAA-funded projects during Fiscal Years 2021-2023. The airport's DBE plan has been approved by the FAA.

Project Coordination Efforts

Since this project is a planning study, this project does not trigger the need for Section 106, Coastal Zone, or USFWS coordination.

Statement Regarding Coordination with State Agency

By signing this application, I hereby certify that Coordination with NHDOT/BA has occurred through various means, including the 'Application for Assistance' to procure the state share of overall project funding.

Exhibit A Statement

Per the FAA Airports Division's Standard Operating Procedure (SOP) number 6.00, titled "FAA Review and Approval of An Airport Improvement Program (AIP) Grant Application: The Exhibit A Property Map dated August 19, 2005, revised April 3, 2015, and attached to the Grant Application for NHDOT No. SBG-12-15-2015 reflects, the current information as of this date.

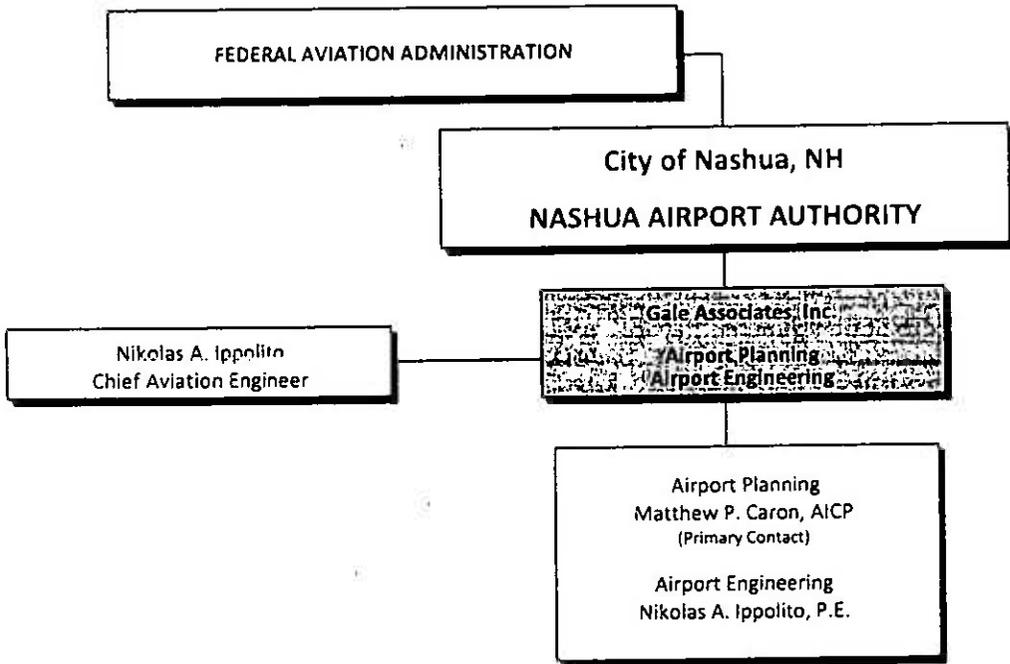
The above-mentioned Exhibit A Property Map is, therefore, incorporated into this Grant Application by reference and made a part thereof.

The Airport Sponsor's Representative for the purposes of this project will be:

Mr. Chris Lynch
Airport Manager
93 Perimeter Road
Nashua, New Hampshire 03063
P: 603-882-0661
F: 603-881-5415
chrislynch@nashuaairport.com

Nashua Airport – Boire Field
Air Traffic Control Tower Siting Study
NHDOT No. TBD

Project Organization





OMB CONTROL NUMBER: 2120-0569
EXPIRATION DATE: 6/30/2023

Drug-Free Workplace Airport Improvement Program Sponsor Certification

Sponsor: Nashua Airport Authority

Airport: Nashua Airport - Boire Field

Project Number: TBD

Description of Work: Air Traffic Control Tower Siting Study

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: Nashua Airport - Boire Field
Address: 98 Perimeter Road, Nashua, NH 03063

Location 2 (if applicable)

Name of Location: Gale Associates, Inc.
Address: 6 Bedford Farms Drive, Suite 101, Bedford, NH 03110

Location 3 (if applicable)

Name of Location:
Address:

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

Sponsor's Certification

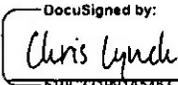
I certify, for the project identified herein, responses to the forgoing items are accurate as marked and additional documentation for any item marked "no" is correct and complete.

Executed on this 30th day of June, 2023

Name of Sponsor: Nashua Airport Authority

Name of Sponsor's Authorized Official: Chris Lynch

Title of Sponsor's Authorized Official: Airport Manager

Signature of Sponsor's Authorized Official:  510C331997A5463...

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.



Selection of Consultants

Airport Improvement Program Sponsor Certification

Sponsor: Nashua Airport Authority

Airport: Nashua Airport - Boire Field

Project Number: TBD

Description of Work: Air Traffic Control Tower Siting Study

Application

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

Certification Statements

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

1. Sponsor acknowledges their responsibility for the settlement of all contractual and administrative issues arising out of their procurement actions (2 CFR § 200.318(k)).
 Yes No N/A

2. Sponsor procurement actions ensure or will ensure full and open competition that does not unduly limit competition (2 CFR § 200.319).
 Yes No N/A

3. Sponsor has excluded or will exclude any entity that develops or drafts specifications, requirements, or statements of work associated with the development of a request-for-qualifications (RFQ) from competing for the advertised services (2 CFR § 200.319).
 Yes No N/A

4. The advertisement describes or will describe specific project statements-of-work that provide clear detail of required services without unduly restricting competition (2 CFR § 200.319).
 Yes No N/A

5. Sponsor has publicized or will publicize a RFQ that:
 - a. Solicits an adequate number of qualified sources (2 CFR § 200.320(d)); and
 - b. Identifies all evaluation criteria and relative importance (2 CFR § 200.320(d)). Yes No N/A

6. Sponsor has based or will base selection on qualifications, experience, and disadvantaged business enterprise participation with price not being a selection factor (2 CFR § 200.320(d)).
 Yes No N/A

7. Sponsor has verified or will verify that agreements exceeding \$25,000 are not awarded to individuals or firms suspended, debarred or otherwise excluded from participating in federally assisted projects (2 CFR §180.300).
 Yes No N/A

8. A/E services covering multiple projects: Sponsor has agreed to or will agree to:
 - a. Refrain from initiating work covered by this procurement beyond five years from the date of selection (AC 150/5100-14); and
 - b. Retain the right to conduct new procurement actions for projects identified or not identified in the RFQ (AC 150/5100-14). Yes No N/A

9. Sponsor has negotiated or will negotiate a fair and reasonable fee with the firm they select as most qualified for the services identified in the RFQ (2 CFR § 200.323).
 Yes No N/A

10. The Sponsor's contract identifies or will identify costs associated with ineligible work separately from costs associated with eligible work (2 CFR § 200.302).
 Yes No N/A

11. Sponsor has prepared or will prepare a record of negotiations detailing the history of the procurement action, rationale for contract type and basis for contract fees (2 CFR §200.318(i)).
 Yes No N/A

12. Sponsor has incorporated or will incorporate mandatory contract provisions in the consultant contract for AIP-assisted work (49 U.S.C. Chapter 471 and 2 CFR part 200 Appendix II)
 Yes No N/A

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

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

Yes No N/A

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

Yes No N/A

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

Sponsor's Certification

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

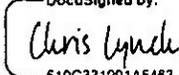
I declare under penalty of perjury that the foregoing is true and correct. I understand that knowingly and willfully providing false information to the federal government is a violation of 18 USC § 1001 (False Statements) and could subject me to fines, imprisonment, or both.

Executed on this 30th day of June, 2023

Name of Sponsor: Nashua Airport Authority

Name of Sponsor's Authorized Official: Chris Lynch

Title of Sponsor's Authorized Official: Airport Manager

Signature of Sponsor's Authorized Official:  DocuSigned by: 510C331991A5483

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.



OMB CONTROL NUMBER: 2120-0569
EXPIRATION DATE: 6/30/2023

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

Sponsor: Nashua Airport Authority

Airport: Nashua Airport - Boire Field

Project Number: TBD

Description of Work: Air Traffic Control Tower Siting Study

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 is has disclosed and will disclose to the FAA any known potential conflict of interest (2 CFR § 1200.112).

Yes No

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

Sponsor's Certification

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

Executed on this 30th day of June, 2023

Name of Sponsor: Nashua Airport Authority

Name of Sponsor's Authorized Official: Chris Lynch

Title of Sponsor's Authorized Official: Airport Manager

Signature of Sponsor's Authorized Official:

DocuSigned by:
Chris Lynch
5100331991A5483...

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

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

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

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

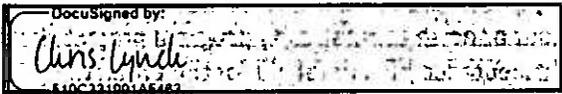
(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this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

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

Statement for Loan Guarantees and Loan Insurance

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

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

* APPLICANT'S ORGANIZATION	
Nashua Airport Authority	
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Prefix:	* First Name: Chris Middle Name:
* Last Name: Lynch	Suffix:
* Title: Airport Manager	
* SIGNATURE:	* DATE: 06/30/2023
	



**FAA
Airports**

ASSURANCES AIRPORT SPONSORS

A. General.

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

B. Duration and Applicability.

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

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

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

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

3. Airport Planning Undertaken by a Sponsor.

Unless otherwise specified in this Grant Agreement, only Assurances 1, 2, 3, 5, 6, 13, 18, 23, 25, 30, 32, 33, 34, and 37 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 Grant including but not limited to the following:

FEDERAL LEGISLATION

- a. 49 U.S.C. subtitle VII, as amended.
- b. Davis-Bacon Act, as amended — 40 U.S.C. §§ 3141-3144, 3146, and 3147, et seq.¹
- c. Federal Fair Labor Standards Act – 29 U.S.C. § 201, et seq.
- d. Hatch Act – 5 U.S.C. § 1501, et seq.²
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, 42 U.S.C. § 4601, et seq.^{1, 2}
- f. National Historic Preservation Act of 1966 – Section 106 – 54 U.S.C. § 306108.¹
- g. Archeological and Historic Preservation Act of 1974 – 54 U.S.C. § 312501, et seq.¹
- h. Native Americans Grave Repatriation Act – 25 U.S.C. § 3001, et seq.
- i. Clean Air Act, P.L. 90-148, as amended – 42 U.S.C. § 7401, et seq.
- j. Coastal Zone Management Act, P.L. 92-583, as amended – 16 U.S.C. § 1451, et seq.
- k. Flood Disaster Protection Act of 1973 – Section 102(a) - 42 U.S.C. § 4012a.¹
- l. 49 U.S.C. § 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, as amended – 42 U.S.C. § 4151, et seq.¹
- s. Powerplant and Industrial Fuel Use Act of 1978 – Section 403 – 42 U.S.C. § 8373.¹
- t. Contract Work Hours and Safety Standards Act – 40 U.S.C. § 3701, et seq.¹
- u. Copeland Anti-kickback Act – 18 U.S.C. § 874.¹

- v. National Environmental Policy Act of 1969 – 42 U.S.C. § 4321, et seq.¹
- w. Wild and Scenic Rivers Act, P.L. 90-542, as amended – 16 U.S.C. § 1271, et seq.
- x. Single Audit Act of 1984 – 31 U.S.C. § 7501, et seq.²
- y. Drug-Free Workplace Act of 1988 – 41 U.S.C. §§ 8101 through 8105.
- z. The Federal Funding Accountability and Transparency Act of 2006, as amended (P.L. 109-282, as amended by section 6202 of P.L. 110-252).
- aa. Civil Rights Restoration Act of 1987, P.L. 100-259.
- bb. Build America, Buy America Act, P.L. 117-58, Title IX.

EXECUTIVE ORDERS

- a. Executive Order 11246 – Equal Employment Opportunity¹
- b. Executive Order 11990 – Protection of Wetlands
- c. Executive Order 11998 – Flood Plain Management
- d. Executive Order 12372 – Intergovernmental Review of Federal Programs
- e. Executive Order 12699 – Seismic Safety of Federal and Federally Assisted New Building Construction¹
- f. Executive Order 12898 – Environmental Justice
- g. Executive Order 13166 – Improving Access to Services for Persons with Limited English Proficiency
- h. Executive Order 13985 – Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government
- i. Executive Order 13988 – Preventing and Combating Discrimination on the Basis of Gender Identity or Sexual Orientation
- j. Executive Order 14005 – Ensuring the Future is Made in all of America by All of America’s Workers
- k. Executive Order 14008 – Tackling the Climate Crisis at Home and Abroad

FEDERAL REGULATIONS

- a. 2 CFR Part 180 – OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement).
- b. 2 CFR Part 200 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards.^{4,5}
- c. 2 CFR Part 1200 – Nonprocurement 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 – Nondiscrimination on the Basis of Disability in State and Local Government Services.
- h. 28 CFR § 50.3 – U.S. Department of Justice Guidelines for the Enforcement of Title VI of the Civil Rights Act of 1964.
- i. 29 CFR Part 1 – Procedures for Predetermination of Wage Rates.¹
- j. 29 CFR Part 3 – Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States.¹
- k. 29 CFR Part 5 – Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction (Also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act).¹
- l. 41 CFR Part 60 – Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and Federally-assisted contracting requirements).¹
- m. 49 CFR Part 20 – New Restrictions on Lobbying.
- n. 49 CFR Part 21 – Nondiscrimination in Federally-Assisted Programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964.
- o. 49 CFR Part 23 – Participation by Disadvantage Business Enterprise in Airport Concessions.
- p. 49 CFR Part 24 – Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally-Assisted Programs.^{1, 2}
- q. 49 CFR Part 26 – Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assistance Programs.
- r. 49 CFR Part 27 – Nondiscrimination on the Basis of Disability in Programs or Activities Receiving Federal Financial Assistance.¹
- s. 49 CFR Part 28 – Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities Conducted by the Department of Transportation.
- t. 49 CFR Part 30 – Denial of Public Works Contracts to Suppliers of Goods and Services of Countries That Deny Procurement Market Access to U.S. Contractors.
- u. 49 CFR Part 32 – Governmentwide Requirements for Drug-Free Workplace (Financial Assistance).
- v. 49 CFR Part 37 – Transportation Services for Individuals with Disabilities (ADA).
- w. 49 CFR Part 38 – Americans with Disabilities Act (ADA) Accessibility Specifications for Transportation Vehicles.
- x. 49 CFR Part 41 – Seismic Safety.

FOOTNOTES TO ASSURANCE (C)(1)

¹ These laws do not apply to airport planning sponsors.

² These laws do not apply to private sponsors.

³ 2 CFR Part 200 contains requirements for State and Local Governments receiving Federal assistance. Any requirement levied upon State and Local Governments by this regulation shall

apply where applicable to private sponsors receiving Federal assistance under Title 49, United States Code.

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

SPECIFIC ASSURANCES

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

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 ensure that the airport will be operated and maintained in accordance with Title 49, United States Code, the regulations and the terms, conditions and assurances in this Grant Agreement and shall ensure 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-Management.

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 49 U.S.C. § 44706, 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 under 40 U.S.C. §§ 3141-3144, 3146, and 3147, Public Building, Property, and Works), 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 49 U.S.C. § 47112. 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 pilots 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 49 U.S.C. § 47102), if the FAA determines the airport sponsor meets the requirements set forth in Section 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 49 U.S.C. § 47107.

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 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, color, and national origin (including limited English proficiency) 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); creed and sex (including sexual orientation and gender identity) per 49 U.S.C. § 47123 and related requirements; age per the Age Discrimination Act of 1975 and related requirements; or disability per the Americans with Disabilities Act of 1990 and related requirements, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in any program and 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 49 CFR §§ 21.23(b) and 21.23(e), 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 Nashua Airport Authority, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, [select businesses, or disadvantaged business enterprises or airport concession disadvantaged business enterprises] will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability 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 Department of Transportation (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 (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability 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 49 U.S.C. § 47117(e);
 3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. §§ 47114, 47115, or 47117;
 4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport; or
 5. Payment 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, 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 49 U.S.C. § 47117(e);
 3. Reinvestment in an approved airport development project that is eligible for grant funding under 49 U.S.C. §§ 47114, 47115, or 47117;
 4. Transfer to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport; or
 5. Payment 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.

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 (<https://www.faa.gov/airports/aip/media/aip-pfc-checklist.pdf>) for AIP projects as of June 8, 2023.

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 of 49 CFR Part 24 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 1986 (31 U.S.C. §§ 3801-3809, 3812).

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 49 U.S.C. § 47102) 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.

AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES

for

FEDERAL AVIATION ADMINISTRATION

AIRPORT IMPROVEMENT PROGRAM

NHDOT No. TBD

ENTITLED

CONDUCT TOWER SITING STUDY

NASHUA AIRPORT – BOIRE FIELD
CITY OF NASHUA, NEW HAMPSHIRE

RECEIVED
JUL 12 2023
NH AERONAUTICS

THIS AGREEMENT entered into this _____ day of _____, 2023 by and between the Nashua Airport Authority, hereinafter referred to as the SPONSOR, and the firm of Gale Associates, Inc., hereinafter referred to as the ENGINEER, for professional engineering, planning, and administrative services in connection with improvements at the Nashua Airport - Boire Field as hereinafter specified:

WITNESSETH THAT:

WHEREAS, the SPONSOR proposes to undertake airport improvements at the Nashua Airport – Boire Field:

WHEREAS, the SPONSOR desires professional engineering, planning and administrative services in connection with the aforesaid improvements to be provided in compliance with all applicable regulations of the Federal Aviation Administration (FAA) and the New Hampshire Department of Transportation/Bureau of Aeronautics (NHDOT/BA), both of which are participating in the funding of this project in conjunction with the SPONSOR.

NOW THEREFORE, the ENGINEER, for fees and reimbursements estimated to total **Ninety Eight Thousand Two Hundred and Fifty Dollars and Zero Cents (\$98,250.00)** for this project and not to exceed said amount unless a SUPPLEMENTAL AGREEMENT is executed by both parties to the AGREEMENT with approval by the participating Agencies named above, agrees to furnish the agreed upon professional engineering services to the SPONSOR in accordance with the following Articles.

PROJECT DESCRIPTION

This project will assist the Airport, FAA, and NHDOT/BA in preparation of a siting study to support a future Air Traffic Control Tower at the Nashua Airport in Nashua, New Hampshire.

To complete this Project, the FAA will enter into a reimbursable agreement with the Sponsor (the Nashua Airport Authority). The ENGINEER will be the responsible for administering and managing these agreements.

The project involves coordination with the FAA’s project coordinator, as well as any other involved FAA organizations as needed in the Project.

The ENGINEER’s fees include:

- Article A services (Data Collection) – Not Used
- Article B services (Design & Technical Assistance)
- Article C services (Bidding) – Not Used
- Article D services (Grant Administration)
- Article E services (Construction Administration) – Not Used
- Article F services (Project Inspection) – Not Used

PROJECT TEAM

The Project Team will include the SPONSOR, FAA, NHDOT/BA, and the ENGINEER.

Project Team Members & Roles		
Role	Firm	Contact
Sponsor	Nashua Airport Authority	Farrell Woods (603) 882-0661
Airport Manager	Nashua Airport	Chris Lynch (603) 882-0661
Regulatory/Funding	Federal Aviation Administration	Sean Tiney (781) 238-7627
NAS Planning Team	Federal Aviation Administration	David Haslett (404) 305-7305
Electronics Engineering	Federal Aviation Administration	Chad Bridges (404) 305-7310
Regulatory/Funding	NHDOT/BA	Carol L. Niewola, P.E. (603) 271-1675
Airport Engineer	Gale Associates, Inc. (Gale)	Nikolas Ippolito, P.E. (603) 471-1887

SCOPE OF WORK**ARTICLE A – PROJECT DEVELOPMENT**

Not Used

ARTICLE B – DESIGN AND TECHNICAL ASSISTANCE**B.I. – Technical Assistance for Siting Study**

The ENGINEER shall provide technical assistance to the SPONSOR in support of the FAA's study.

The work of the ENGINEER shall include:

- a) **Study Participation.** Meetings and general coordination with the SPONSOR, NHDOT/BA, and FAA Lines of business to review and discuss project related items. This task assumes the following meetings throughout the study:
 - i. **Initial discovery Meeting.** Gale will act as the SPONSOR's representative during this meeting. It is assumed this meeting will be conducted via video call.
 - ii. **Project Kickoff Meeting.** Gale will act as the SPONSOR's representative during this meeting to provide assistance to plan and coordinate future siting activities.
 - iii. **Data Collection.** Gale will assist the SPONSOR with preparation and submission of electronic files, and attendance at initial site visits made by the study team to take inventory of the existing tower equipment.
 - iv. **First Pre-ATFIL Meeting.** Gale will act as the SPONSOR's representative during this meeting to discuss the SPONSOR's role in the siting process, and to discuss the data collection efforts.
 - v. **ATFIL Database Build.** Gale will act as the SPONSOR's representative during this effort. It is assumed that this will consist of up to three (3) calls to discuss the modeling and simulation data.
 - vi. **Second Pre-ATFIL Meeting.** Gale will act as the SPONSOR's representative during this meeting to discuss the agenda for ATFIL Trip No. 1, and advise on travel plans for all participants.
 - vii. **Attendance at ATFIL Trip No. 1.** Gale will act as the SPONSOR's representative during this trip to assist with visual checks, discuss the approved ALP, identify and view initial sites, provide information to support the visibility performance analysis, discuss elimination of non-viable sites, determination of preferred sites, provide feedback and information to support FAA traffic simulation/special effects efforts, discuss CSA requirements, document preferred sites, and review of the Memo of Record for Preferred Sites, discuss cab/console types, and schedule ATFIL Trip No.2. It is assumed this trip will last two (2) days.
 - viii. **Service Area Coordination and Issue Resolution.** Gale will act as the SPONSOR's representative during this coordination. It is assumed that this task will consist of bi-weekly coordination, emails, and phone calls during a 6-month period during which the study is ongoing.
 - ix. **Environmental Due Diligence (Phase).** Gale will act as the SPONSOR's representative during the environmental due diligence audit; providing information previously obtained and answering questions.

- x. **Attendance at ATFIL Trip No. 2.** Gale will act as the Sponsor's representative during this trip to participate in evaluation of preferred sites. It is assumed that this trip will last two (2) days.
 - xi. **Preliminary Hazard Assessment (PHA).** Gale will act as the Sponsor's representative during this assessment to work with the FAA to verify that the site has not been compromised and hazard mitigation strategies are in place through historical document research and rendering of technical opinions.
 - xii. **Lease Holder Coordination.** Gale will assist the Sponsor with coordination with lease holders and users regarding the tower locations.
-
- b) **Preliminary Tower Siting.** This task will include coordination with the SPONSOR to evaluate up to five (5) potential sites, and to select the three (3) preferred locations that will ultimately be included in the study. Once the preferred sites are confirmed by the Sponsor, Gale will prepare a diagram to submit to the FAA to identify the sites to be included in the study. This diagram will consist of a general plan of the Airport, with three (3) preferred locations identified for evaluation.
 - c) **Technical Review of Draft and Final Siting Report.** Gale will review the draft and final siting report prepared by the FAA. The scope of this review will be to confirm that the data used, and assumptions made are consistent with the actual field conditions at the Airport. This task will include a review of the draft and final documents, and preparation of a written letter outlining the results of the technical review.
 - d) **Technical Review of Draft and Final Comparative Safety Assessment.** Gale will review the draft and final Comparative Safety Assessment (CSA) to confirm that the information used, and conclusions drawn are consistent with the airport's future development objectives, and to provide any comments, or additional information that may need to be included. This task will include a review of the CSA, and preparation of a written letter outlining the results of the technical review.
 - e) **ALP Review/Update.** Prior to the commencement of the study, Gale will review the Airport's most current Airport Layout Plan (ALP) to evaluate any future development that may impact the tower siting study. This task will include preparation of a revised ALP depicting any future developments, and submission of the revised ALP to the agencies having jurisdiction for approval (Pen & Ink Changes only). The resulting ALP will be submitted to the FAA in digital format (AutoCAD Civil 3D 2021 format).
 - f) **Airport Approved Construction Projects Data.** Gale will assist the Airport in preparation of a data set depicting the future development projects, known environmental issues, and any local issues/concerns at the Airport that could affect the visibility from the proposed ATCT locations. This data set will include approximate footprint, and elevation data on those projects. This task differs from the ALP update by adding elevation data for each future construction project and submitting the data in the desired format for use by FAA.
 - g) **ATFIL Model Validation.** Gale will assist the Sponsor with review/validation of the 3-D model prepared by the Airport Terminal Facilities Integration Lab (ATFIL). This task will include coordinating and attending a meeting with the SPONSOR to review the 3-D model, and issuance of a letter stating the results of the review. This letter will include a recommendation to the SPONSOR to validate, or suggest changes to the 3-D model.

The ENGINEER's scope of work for design services is as described above. Should any permit conditions or unforeseen circumstances alter the agreed upon scope, the ENGINEER shall prepare a SUPPLEMENTAL AGREEMENT to capture any scope revisions, prior to the completion of work under this Article.

Expenses for the ENGINEER shall include subconsultant services, mileage for site visits and meetings, plan reproduction costs, postage, and other costs.

ARTICLE C – BIDDING

C.I. – Bidding: Not Used.

ARTICLE D – GRANT ADMINISTRATION**D.I. – Grant Administration:**

The ENGINEER will provide grant administration services to the SPONSOR. The work of the ENGINEER shall include:

- a) Project Grant Coordination. The ENGINEER shall assist the SPONSOR with grant coordination efforts. Coordination with the NHDOT/BA will be as needed to obtain updates on the status of grant applications, grant issuance, Governor & Executive Council Approvals, and grant payments. It is assumed coordination will take place on a monthly basis with all parties.
- b) Preparing a Grant Application, including FAA Application for Federal Assistance SF-424 form, form 5100-101, program narrative, final engineer's estimates of costs, reimbursable agreements, grant assurances, the previously prepared but not reproduced Exhibit A - Airport Property Plan (22 x 34-inch size), sponsor certifications, and transmittal letters. Assisting the SPONSOR in processing the applications.
- c) Providing accounting assistance to the SPONSOR related to FAA and NHDOT/BA reimbursements, and the payment of project invoices.
- d) Assisting the SPONSOR in the preparation and processing of FAA Requests for Reimbursement and NHDOT/BA Applications for AIP Grant Payments. This task is assumed to consist of six (6) Requests for Reimbursement and six (6) NHDOT/BA Applications for AIP Grant Payments.
- e) Prepare monthly updates to present to the SPONSOR to update them on the status of the project. Due to the anticipated duration of the project, it is assumed that six (6) monthly updates will be necessary.
- f) Assisting the SPONSOR in preparation and filing of project close out documentation. This work includes the preparation of a close out report including a fiscal summary, breakdown of engineering costs, Contract work item summary, inclusion of a copy of the final payment request, and the certificate of final acceptance.
- g) Setting up and maintaining project records and documentation and retaining the records for a minimum of three (3) years following the completion of the project. This task includes the setup of project file folders, daily filing of project documentation, and storage of the documentation upon completion of the project.

D.II. – FAA Reimbursable Agreement(s):

The ENGINEER will provide grant coordination services to the SPONSOR for the effort to meet with the FAA regarding the equipment relocation and associated infrastructure needs. The work of the ENGINEER shall include:

- a) Reviewing elements of the Reimbursable Agreements drafted by the FAA.
- b) Assisting the SPONSOR in coordinating payment to the FAA for the reimbursable agreements.
- c) Reviewing reimbursable agreement invoices and retaining them for grant closeout procedures.
- d) Assisting the sponsor with closeout of all reimbursable agreements. This process can take up to 18 months to complete. It is assumed that periodic coordination for the purposes of updating the SPONSOR at their monthly meetings, and to review FAA work products will take place.

ARTICLE E – CONSTRUCTION ADMINISTRATION

E.I. – Construction Administration: Not Used.

ARTICLE F – PROJECT INSPECTION

F.I. – Project Inspection: Not Used.

ARTICLE G – SCHEDULE

A tentative schedule for the execution of the above-mentioned engineering services was established at the project scoping meeting, and a final schedule shall be established upon application for FAA and NHDOT/BA grants. The SPONSOR, ENGINEER, FAA, and NHDOT/BA shall agree on changes to the schedule from time to time for the duration of the project, and the most current schedule shall become part of this AGREEMENT. The ENGINEER shall not be required to start work until a completed, signed, and approved AGREEMENT is received by all parties. If so requested in writing by the SPONSOR, the ENGINEER may begin the AGREEMENT work prior to receiving a completed AGREEMENT.

Project Schedule

Project Scoping Meeting	May 5, 2023
Engineering Contract Proposal	May, 2023
Signed Engineering Contract	June, 2023
Grant Application.....	June, 2023
Initiate Siting Study.....	December, 2023
Complete Siting Study.....	December, 2024

ARTICLE H – DELIVERABLES

The following deliverables are to be provided by the ENGINEER in accordance with Articles A through F:

Article A.I – Project Development

- Not Used.

Article B.I – Technical Assistance for Siting Study:

- Preliminary Tower Sites (3)
- Engineering Review/Opinions

Article C – Bidding

- Not Used.

Article D – Grant Administration

- NHDOT/BA Grant Application (Engineering/Construction Grant)
- NHDOT/BA and Grant Application (FAA Reimbursable Agreement Grant(s))
- Grant Reimbursement requests
- Project Close Out Documentation
- FAA Reimbursable Agreement(s)

Article E - Construction Administration

- Not Used.

Article F. I – Project Inspection

- Not Used.

ARTICLE I – BASIS OF PAYMENT**I – Engineering Fee – Lump Sum:**

Lump Sum Fees shall be charged for all tasks under this AGREEMENT as follows:

1. For work under **Article D.I – Grant Administration**, the amount of Fifteen Thousand Five Hundred Dollars and Zero Cents (\$15,500.00)
2. For work under **Article D.II – FAA Reimbursable Agreements**, the amount of Six Thousand Three Hundred and Fifty Dollars and Zero Cents (\$6,350.00)

III – Engineering Fee – Actual Cost-Plus Fixed Fee (15%):

Cost plus a fixed fee of 15% shall be charged for all tasks under this agreement as follows:

1. For work under **Article B.I – Technical Assistance for Siting Study**, the amount of Seventy Six Thousand Four Hundred Dollars and Zero Cents (\$76,400.00)

IV - Method of Payment:

- a) Invoices for services rendered by the ENGINEER will be submitted to the SPONSOR monthly based on an estimated percent completion of Articles A through F.
- b) Wage ranges for technical classifications of personnel in effect as of the date of this AGREEMENT are attached in APPENDIX A.
- c) An overhead labor factor of 2.08 will be used as an overhead factor for the purpose of this AGREEMENT. Auditor certifications of the overhead rates are included in the Appendices.
- d) The out-of-pocket expenses will also include, but are not limited to, travel mileage billed at the then current Federal rate per mile, lodging, subsistence, and long-distance telephone calls.
- e) If, at any time, the ENGINEER has reason to believe that the total estimated costs will be greater or substantially less than the total estimated costs, the ENGINEER shall notify the SPONSOR, giving a revised estimate of the total cost for the services to be furnished. Should the revised estimated costs exceed the total revised estimated costs, this AGREEMENT shall either be amended to cover the

increase in revised estimated costs, or the Scope of Services shall be reduced to keep within the total estimated cost.

- f) Payment for any special cases, added environmental services, added construction services or extra services as defined herein shall be made for man-hours worked at the workers rate of pay plus, 2.08 times the rate of pay for overhead plus 15% profit, plus subconsultant costs, plus all out-of-pocket expenses directly chargeable to the project.

V - Prompt Payment by the Sponsor:

The SPONSOR agrees to pay the ENGINEER under this AGREEMENT for satisfactory performance of its Contract no later than 30 calendar days upon receipt of invoice. If the SPONSOR receives reimbursement from NHDOT/BA within the above-referenced time the SPONSOR agrees to pay the ENGINEER within FIVE days from the receipt of said payment. Any delay or postponement of payment from the above-referenced time frame may occur only for good cause following written approval of the ENGINEER. This clause applies to both DBE and non-DBE subcontractors.

ARTICLE J - GENERAL

I - Entire Agreement/Liability of Authority:

This AGREEMENT represents the entire agreement between the SPONSOR and the ENGINEER and supersedes all prior written or oral understandings. This AGREEMENT may only be modified by a written Supplemental Engineering Agreement executed by the authorized representatives of both parties. The authority to modify this AGREEMENT is limited to the President or Vice-President/Treasurer of the ENGINEER and the Nashua Airport Authority/City of Nashua, New Hampshire. Any changes to the Contract and design criteria require the approval of the FAA and NHDOT/BA. No other employee or agent of the ENGINEER or SPONSOR has the authority to modify the terms of this AGREEMENT.

II - SPONSOR's General Obligations:

The SPONSOR shall:

- a) Provide all criteria and full information as to SPONSOR's requirements for the project, including design objectives and constraints, space, capacity and performance requirements, flexibility, expendability and any budgetary limitations.
- b) Assist the ENGINEER by providing all available information pertinent to the project, including previous reports and any other data relative to the project.
- c) Arrange for access to, and make all provisions for, ENGINEER to enter upon public and private property as required for the ENGINEER to perform the required services.
- d) Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by ENGINEER.
- e) Assist the ENGINEER in obtaining approvals and permits from all governmental authorities having jurisdiction over the project and such approvals and consents from others as may be necessary for completion of the project.
- f) Designate, in writing, a person to act as the SPONSOR's agent with respect to the services rendered under this AGREEMENT. Such person shall have complete authority to transmit instructions, receive information, interpret, and define SPONSOR's policies and decisions with respect to materials, equipment, elements and systems pertinent to ENGINEER's services. Any Contract change requires the approval of the FAA and NHDOT/BA.

- g) Give prompt written notice to ENGINEER whenever SPONSOR observes or otherwise becomes aware of any development that affects the scope or timing of ENGINEER's services or any defect in the services of the ENGINEER.
- h) Be responsible for all communications, notifications, reviews, meetings, and other coordination with Airport users and tenants except for those tasks specifically assigned to the ENGINEER as part of this AGREEMENT.

III - Ownership and Use of Documents:

The ownership of the final Contract Drawings, specifications, and opinions of probable cost prepared or furnished by the ENGINEER pursuant to this AGREEMENT will be retained by the SPONSOR. The SPONSOR may not use any of the documents produced for other than the purpose intended. The ENGINEER shall not be responsible for any claims or damages, which may occur by virtue of the use of these documents for any purpose other than that for which they were intended.

IV - General Compliance with Laws:

The ENGINEER shall comply with all Federal, State and Local laws and ordinances applicable to any of the services involved in this AGREEMENT.

V - Severability:

If any term or provision of this AGREEMENT is held invalid or unenforceable, the remaining terms or provisions shall not be affected thereby and shall be enforced to the fullest extent permitted by law.

VI - Insurance:

The ENGINEER agrees, before commencing the performance of this AGREEMENT, to provide Worker's Compensation Insurance under this AGREEMENT, and shall continue such insurance in full force and effect during the term of this AGREEMENT. In addition, the ENGINEER shall procure and maintain insurance during the term of this AGREEMENT in the amounts and for the coverage indicated below:

Public Liability with limits of \$1,000,000 for bodily injury and \$1,000,000 for property damage.

Automobile Liability, Bodily Injury and Property Damage with limits to \$1,000,000 per occurrence.

In addition to the above-stated limits, excess liability coverage in the amount of \$4,000,000 per occurrence and aggregate shall be procured.

Architect's and ENGINEER's professional liability with limits to \$2,000,000 in the annual aggregate.

The ENGINEER will list the State of New Hampshire and NHDOT as additionally insured and will furnish proper certificates evidencing this coverage upon request.

VII - Limitation of Liability:

No employee of the ENGINEER shall be charged personally by the SPONSOR with any liability arising out of the performance of this AGREEMENT.

VIII - Indemnification:

The OWNER will indemnify the ENGINEER in accordance with section 8 of the General Consulting Agreement dated February 19th, 2020.

IX - Changes to Scope of Services:

Changes or additions to, or deviations from, Scope of Services performed by the ENGINEER will require approval by the FAA, NHDOT/BA, and the SPONSOR even where they do not change or may even reduce the total cost of the project. Any changes, including increase or decrease in the amount of the ENGINEER's compensation, which are mutually agreed upon by the FAA, NHDOT/BA, SPONSOR and ENGINEER, shall be incorporated in a SUPPLEMENTAL AGREEMENT specifying additional funds, if any, and time of performance.

X - Successors and Assigns:

SPONSOR and ENGINEER each bind one another and their partners, successors, executors, administrators, assigns and legal representatives to the other party of this AGREEMENT and to the partners, successors, executors, administrators, assigns and legal representatives of such other party, in respect to all covenants, agreements and obligations of this AGREEMENT.

Neither SPONSOR nor ENGINEER shall assign, sublet, or transfer any rights under or interest in (including, but without limitations, moneys that may become due or moneys that are due) this AGREEMENT without the written consent of the other except as provided above and except to the extent that the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this AGREEMENT. Nothing contained in this paragraph shall prevent the ENGINEER from employing such independent consultants, associates, and subcontractors, as he may deem appropriate to assist him in the performance of services hereunder.

Nothing herein shall be construed to give any rights or benefits hereunder to anyone other than the SPONSOR and ENGINEER.

XI - Extension of Time:

The SPONSOR may extend the date for delivery of completed Plans and Contract Documents beyond the time specified when the service has been delayed for reasons beyond the control of the ENGINEER, or due to a delay in submission of material being furnished by the SPONSOR.

The ENGINEER may present to the SPONSOR in writing a request for extension of the allotted time together with its justification, therefore. The SPONSOR will evaluate such request and may grant such extension of time as warranted thereby after approval of the FAA and NHDOT/BA.

When the tentative schedule is extended by a length of time (greater than 12 months) sufficient to cause a change in employment wage rates and project expense rates, due to circumstances beyond the control of the ENGINEER, the ENGINEER reserves the right to renegotiate the uncompleted Lump Sum Fee and Cost-Plus Fixed Fee estimate amounts in proportion to the change in employee wage rates and project expense rates. Should such renegotiations result in an increase to the estimated Contract cost or otherwise materially affect the terms of the AGREEMENT, a SUPPLEMENTAL AGREEMENT executed by authorized officers or employees of the parties and approved by the participating Agencies shall be required.

XII – Veteran's Preference:

In the employment of labor (except in executive, administrative, and supervisory positions), preference shall be given to Veterans of the Vietnam era and disabled veterans as defined in Section 515(c)(1) and (2) of the Airport and Airway Improvement Act of 1982. However, this preference shall apply only where the individuals are available and qualified to perform the work to which the employment relates.

XIII - Termination:

The obligation to provide further services under this AGREEMENT may be terminated by the SPONSOR for its convenience. Such termination requires seven (7) days written notice. If the termination is not the fault of the ENGINEER, the ENGINEER shall be compensated for any services performed and approved by the SPONSOR up to the date of termination.

XIV - Remedies:

Except as this AGREEMENT otherwise provides, all claims, counterclaims, disputes, and other matters in question between the SPONSOR and the ENGINEER arising out of or relating to this AGREEMENT or breach of it will be decided in a court of competent jurisdiction within Coos County, New Hampshire.

XV - Assignment of Personnel:

The ENGINEER shall assign an experienced registered professional engineer acceptable to the SPONSOR, FAA, and NHDOT/BA to take responsible charge of the services performed under this AGREEMENT. The ENGINEER shall not replace this person in charge without permission of the SPONSOR. The ENGINEER shall assign such personnel to the project as may be necessary from time to time to complete the services required.

XVI - Subconsultants:

The ENGINEER shall assist the SPONSOR in the coordination of services by subconsultants as outlined in the Scope of Services of this AGREEMENT.

ARTICLE K – CERTIFICATION OF ENGINEER

The ENGINEER has not given, offered, or agreed to give any person, corporation, or other entity any gift, contribution or offer of employment as an inducement for, or in connection with the award of this AGREEMENT.

No subcontractor for the ENGINEER has given, offered, or agreed to give any gift, contribution or offer of employment to the ENGINEER or to any other person, corporation, or entity as an inducement for or in connection with the award to the ENGINEER of this AGREEMENT.

No person, corporation or other entity other than the bona fide full-time employee of the ENGINEER has been retained or hired by the ENGINEER to solicit for or in any way assist the ENGINEER in obtaining this AGREEMENT for services upon an agreement or understanding that such person, corporation or other entity be paid a fee or other consideration contingent upon the award of the AGREEMENT.

I certify under penalties of perjury that I, to the best of my knowledge and belief, have filed all New Hampshire tax returns and paid all New Hampshire taxes required under the law.

04-2319385
Federal ID Number

GALE ASSOCIATES, INC.

By: _____
Steven R. Marshall, RRC, CDT, LEED® AP
Principal

ARTICLE L – PRINCIPAL PARTIES CONTRACT APPROVAL SIGNATURES

OWNER:
CITY OF NASHUA
NASHUA AIRPORT AUTHORITY

ATTEST

By:

By:

Name: Farrell Woods

Name: Chris Lynch

Title: Chairman

Title: Airport Manager

ENGINEER:
GALE ASSOCIATES, INC.

ATTEST

By:

By:

Name: Steven R. Marshall, , RRC, CDT, LEED[®] AP

Name: Nikolas A. Ippolito, PE

Title: President

Title: Chief Aviation Engineer

Attached:

- Appendix A – Itemization of Fees (Gale)

Section 1.0 Project Cost Summary:

1.1 Gale Associates, Inc. Contract Amount

Article	Description	Billing Type	Total
A.	Project Development		
B.	Technical Assistance for Siting Study	AC+15%	\$76,400
C.	Bidding		
D.	Grant Administration		
	D.I Grant Administration	LS	\$15,500
	D.II FAA Reimbursable Agreements	LS	\$6,350
E.	Construction Administration		
F.	Project Inspection		
Estimated Total Engineering Fee			\$98,250
Abbreviations of Billing Type:		Total Hours (Gale):	574
LS = Lump Sum			
AC + 15% = Actual Cost Plus 15% Profit			
Fee Summary by FAA Grant App. Category			
	Category	Fee	
	4 Architectural Engineering Basic Fees	\$76,400	
	6 Project Inspection Fees	N/A	

Section 2.0 Breakdown of Hours:							
ARTICLE B.1 - 30%, 60%, 90%, and Final Design							
Task	Description	Proj. Prin.	Proj. Mgr.	Planner	Engr.	Admin.	Total
a)	Study Participation. Meetings and general coordination with the Sponsor, NHDOT/BA, and FAA Lines of Business to review and discuss project related items. This task assumes the following meetings throughout the study:						
i.	Initial Discovery Meeting. Gale will act as the Sponsor's representative during this meeting. It is assumed this meeting will be conducted via video call.		2	2		1	5
ii.	Project Kickoff Meeting. Gale will act as the Sponsor's representative during this meeting to provide assistance to plan and coordinate future siting activities.		8	4	12		24
iii.	Data Collection. Gale will assist the Sponsor with preparation and submission of electronic files, and attendance at initial site visits made by the study team to take inventory of the existing tower equipment.		10	12	6	2	30
iv.	First Pre-ATFIL Meeting. Gale will act as the Sponsor's representative during this meeting to discuss the Sponsor's role in the siting process, and to discuss the data collection efforts.		4	4		1	9
v.	ATFIL Database Build. Gale will act as the Sponsor's representative during this effort. It is assumed that this will consist of up to three (3) calls to discuss the modeling and simulation data.		10	6			16
vi.	Second Pre-ATFIL Meeting. Gale will act as the SPONSOR's representative during this meeting to discuss the agenda for ATFIL Trip No. 1, and advise on travel plans for all participants.		3	2			5
vii.	Attendance at ATFIL Trip No. 1. Gale will act as the SPONSOR's representative during this trip to assist with visual checks, discuss the approved ALP, identify and view initial sites, provide information to support the visibility performance analysis, discuss elimination of non-viable sites, determination of preferred sites, provide feedback and information to support FAA traffic simulation/special effects efforts, discuss CSA requirements, document preferred sites, and review of the Memo of Record for Preferred Sites, discuss cab/console types, and schedule ATFIL Trip No. 2. It is assumed this trip will last two (2) days.		8	8	8		24
viii.	Service Area Coordination and Issue Resolution. Gale will act as the SPONSOR's representative during this coordination. It is assumed that this task will consist of bi-weekly coordination, emails, and phone calls during a 6-month period during which the study is ongoing.		35	15		8	58
ix.	Environmental Due Dilligence (Phase). Gale will act as the Sponsor's representative during the environmental due dilligence audit; providing insights and answering questions.		10		12		22
x.	Attendance at ATFIL Trip No. 2. Gale will act as the Sponsor's representative during this trip to participate in evaluation of preferred sites. It is assumed that this trip will last two (2) days.		16	16		2	34

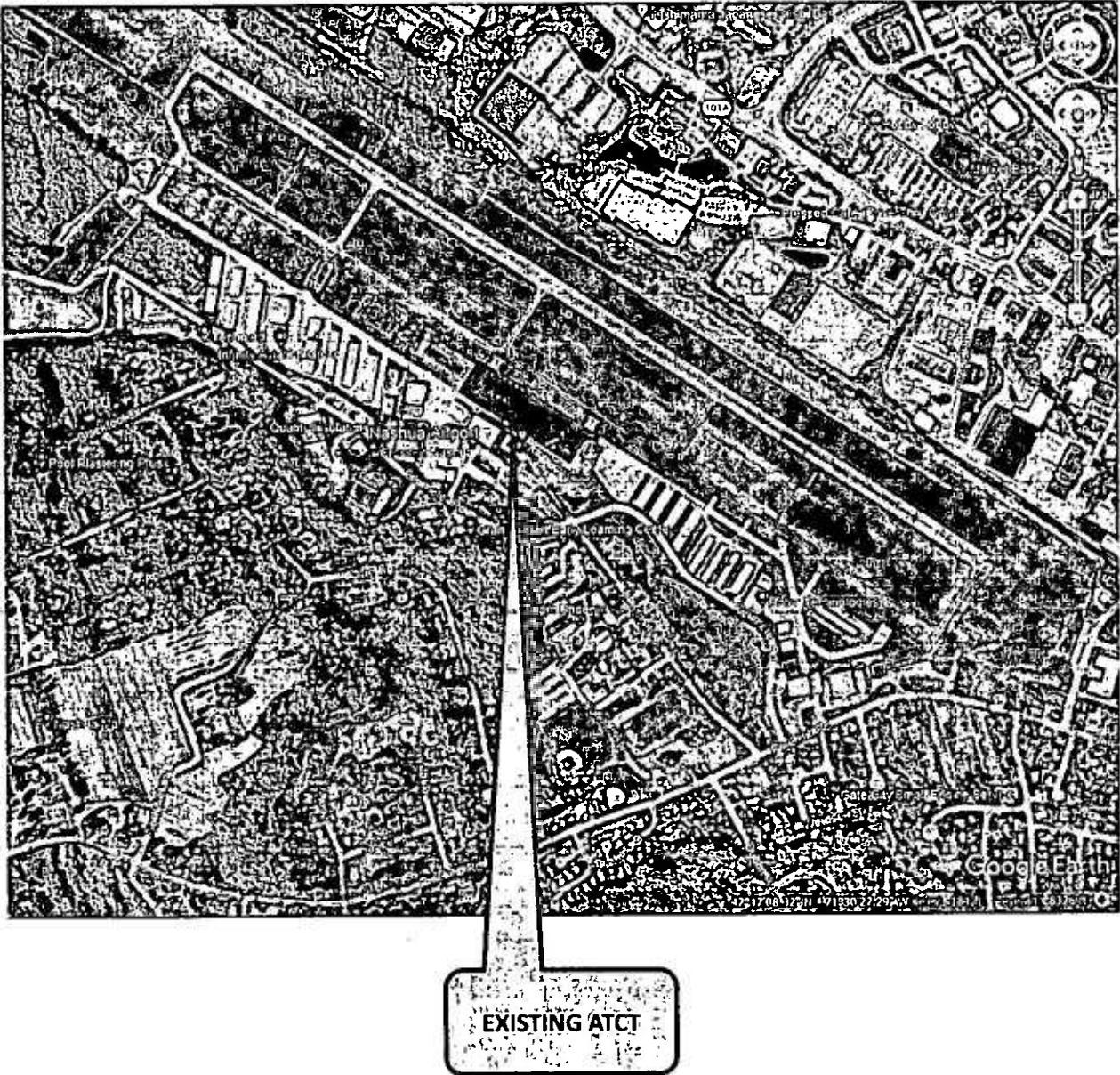
Section 2.0 Breakdown of Hours:							
ARTICLE B.1 - 30%, 60%, 90%, and Final Design							
Task	Description	Proj. Prin.	Proj. Mgr.	Planner	Engr.	Admin.	Total
xi.	<u>Preliminary Hazard Assessment (PHA)</u> . Gale will act as the Sponsor's representative during this assessment to work with the FAA to verify that the site has not been compromised and hazard mitigation strategies are in place through historical document research and rendering of technical opinions.		6	12		2	20
xii.	<u>Lease Holder Coordination</u> . Gale will assist the Sponsor with coordination with lease holders and users regarding the tower locations.		6	6			12
b)	<u>Preliminary Tower Siting</u> . This task will include coordination with the Sponsor to evaluate up to five (5) potential sites, and to select the three (3) preferred locations that will ultimately be included in the study. Once the preferred sites are confirmed by the Sponsor, Gale will prepare a diagram to submit to the FAA to identify the sites to be included in the study. This diagram will consist of a general plan of the Airport, with three (3) preferred locations identified for evaluation.		20	40	12		72
c)	<u>Technical Review of Draft and Final Siting Report</u> . Gale will review the draft and final siting report prepared by the FAA. The scope of this review will be to confirm that the data used, and assumptions made are consistent with the actual field conditions at the Airport. This task will include a review of the draft and final documents, and preparation of a written letter outlining the results of the technical review.		4	8	8		20
d)	<u>Technical Review of Draft and Final Comparative Safety Assessment</u> . Gale will review the draft and final Comparative Safety Assessment (CSA) to confirm that the information used, and conclusions drawn are consistent with the airport's future development objectives, and to provide any comments, or additional information that may need to be included. This task will include a review of the CSA, and preparation of a written letter outlining the results of the technical review.		6	4	10		20
e)	<u>ALP Review/Update</u> . Prior to the commencement of the study, Gale will review the Airports most current Airport Layout Plan (ALP) to evaluate any future development that may impact the tower siting study. This task will include preparation of a revised ALP depicting any future developments, and submission of the revised ALP to the agencies having jurisdiction for approval (Pen & Ink Changes only). The resulting ALP will be submitted to the FAA in digital format (AutoCAD Civil 3D 2021 format).		4	6	12		22

Section 2.0 Breakdown of Hours:							
ARTICLE B.1 - 30%, 60%, 90%, and Final Design							
Task	Description	Proj. Prin.	Proj. Mgr.	Planner	Engr.	Admin.	Total
f)	<u>Airport Approved Construction Projects Data.</u> Gale will assist the Airport in preparation of a data set depicting the future development projects, known environmental issues, and any local issues/concerns at the Airport that could affect the visibility from the proposed ATCT locations. This data set will include approximate footprint, and elevation data on those projects. This task differs from the ALP update by adding elevation data for each future construction project and submitting the data in the desired format for use by FAA.		10	20	10		40
g)	<u>ATFIL Model Validation.</u> Gale will assist the owner with review/validation of the 3-D model prepared by the Airport Terminal Facilities Integration Lab (ATFIL). This task will include coordinating and attending a meeting with the SPONSOR to review the 3-D model, and issuance of a letter stating the results of the review. This letter will include a recommendation to the SPONSOR to validate, or suggest changes to the 3-D model.		12	12	4		28
Total - Hours		0	174	177	94	16	461
Hourly Rate		\$65.00	\$55.00	\$45.00	\$37.00	\$27.00	
Direct Labor Cost		\$0	\$9,570	\$7,965	\$3,478	\$432	
Totals							
Dir. Labor		\$21,445					
OH @ 2.08		\$44,606					
Total Labor		\$66,051					
15% Profit		\$9,908					
Expenses		\$441					
Total		\$76,400					
				Expense Detail:			
				Travel		\$291	
				Misc.		\$150	
						<u>\$441</u>	

Section 2.0 Breakdown of Hours:							
ARTICLE D.1 - Grant Administration							
Task	Description	Proj. Prin.	Proj. Mgr.	Planner	Engr.	Admin.	Total
a)	Project Grant Coordination. The Engineer shall assist the Sponsor with grant coordination efforts. Coordination with the NHDOT/BA will be as needed to obtain updates on the status of grant applications, grant issuance, Governor & Executive Council Approvals, and grant payments. It is assumed coordination will take place on a monthly basis with all parties.		12		10	4	26
b)	Preparing a grant application, including FAA Application for Federal Assistance SF-424 form, forms 5100-100 and 5100-101, program narrative, final engineer's estimate of costs, reimbursable agreements, grant assurances, the previously prepared but not reproduced Exhibit A - Airport Property Plan (22 x 34 inch size), Sponsor certifications, and transmittal letters. Assisting the Sponsor in processing the applications.		2		8	1	11
c)	Providing accounting assistance to the Sponsor related to FAA and NHDOT/BA reimbursements, and the payment of project invoices.		8		12		20
d)	Assisting the Sponsor in the preparation and processing of FAA Request for Reimbursement and NHDOT/BA Applications for AIP Grant Payments. This task is assumed to consist of six (6) Requests for Reimbursement and six (6) NHDOT/BA Applications for AIP Grant Payments.		4		12	6	22
e)	Prepare monthly updates to present to the Sponsor to update them on the status of the project. Due to the anticipated duration of the project, it is assumed that six (6) monthly updates will be necessary.		6			2	8
f)	Assisting the Sponsor in preparation and filing of project close out documentation. This work includes the preparation of a close out report including a fiscal summary, breakdown of engineering costs, contract work item summary, inclusion of a copy of the final payment request, and the certificate of final acceptance.		2		12	1	15
g)	Setting up and maintaining project records and documentation and retaining the records for a minimum of three (3) years following the completion of the project. This task includes the setup of project file folders, daily filing of project documentation, and storage of the documentation upon completion of the project.					4	4
Total - Hours		0	34	0	54	18	80
Hourly Rate		\$65.00	\$55.00	\$45.00	\$37.00	\$27.00	
Direct Labor Cost		\$0	\$1,870	\$0	\$1,998	\$486	
Totals							
Dir. Labor			\$4,354				
OH @ 2.08			\$9,056				
Total Labor			\$13,410				
15% Profit			\$2,012				
Expenses			\$78				
Total			\$15,500				
						Expense Detail:	
						Travel	\$0
						Misc.	\$78
							<u>\$78</u>

Section 2.0 Breakdown of Hours:																																																															
ARTICLE D.II - FAA Reimbursable Agreement																																																															
Task	Description	Proj. Prin.	Proj. Mgr.	Planner	Engr.	Admin.	Total																																																								
a)	Reviewing elements of the Reimbursable Agreements drafted by the FAA.		6				6																																																								
b)	Assisting the SPONSOR in coordinating payment to the FAA for the reimbursable agreements.		6			2	8																																																								
c)	Reviewing reimbursable agreement invoices and retaining them for grant closeout procedures.		2		6	2	10																																																								
d)	Assisting the Sponsor with closeout of all reimbursable agreements. This process can take up to 18 months to complete. It is assumed that periodic coordination for the purposes of updating the Sponsor at their monthly meetings, and to review FAA work products will take place.		10			5	15																																																								
Total - Hours		0	24	0	6	9	33																																																								
Hourly Rate		\$65.00	\$55.00	\$45.00	\$37.00	\$27.00																																																									
Direct Labor Cost		\$0	\$1,320	\$0	\$222	\$243																																																									
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Totals</td> <td style="width: 20%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Dir. Labor</td> <td>\$1,785</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>OH @ 2.08</td> <td>\$3,713</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Labor</td> <td>\$5,498</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>15% Profit</td> <td>\$825</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Expenses</td> <td>\$27</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total</td> <td>\$6,350</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Totals								Dir. Labor	\$1,785							OH @ 2.08	\$3,713							Total Labor	\$5,498							15% Profit	\$825							Expenses	\$27							Total	\$6,350						
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						Travel	\$0																																																								
						Misc.	\$27																																																								
							<u>\$27</u>																																																								

Nashua Airport – Boire Field
ATCT Tower Siting Study
Project Sketch





Nashua Airport Authority
93 Perimeter Road
Nashua, New Hampshire 03063
Tel (603) 882-0661 · Fax (603) 881-5415

June 1, 2023

Ms. Carol L. Niewola, PE, C.M.
Senior Aviation Planner
New Hampshire Department of Transportation, Bureau of Aeronautics
John O. Morton Building
P.O. Box 483, 7 Hazen Drive
Concord, NH 03302-0483

Re: **Conduct Tower Siting Study - Nashua Airport – Boire Field – Nashua, New Hampshire –
NHDOT No. TBD – Record of Negotiations**

Dear Carol,

A scope of work and estimated fee has been provided to the Nashua Airport Authority by Gale Associates, Inc., for the above-referenced project.

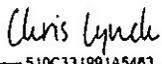
The estimated fee provided by Gale was \$98,250.00 for technical assistance and grant administration services relating to the Air Traffic Control Tower Siting Study. The Nashua Airport Authority has reviewed the scope items and associated hours and concluded that Gale's project costs are fair and reasonable for the level of effort anticipated for this project. Because the fee for this project is less than \$100,000.00, the Authority has exercised their option to waive an independent fee estimate (IFE).

The Nashua Airport Authority plans to execute a contract with Gale for \$98,250.00 for this project.

Thank you for your continued support for the Nashua Airport. Should you need further information, please feel free to contact me.

Very truly yours,

Nashua Municipal Airport

DocuSigned by:

510C331991A5463...
Chris Lynch
Airport Manager

cc: **Nikolas A. Ippolito, PE, Gale Associates**
File

NON-FEDERAL REIMBURSABLE AGREEMENT

BETWEEN

**DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION**

AND

**NASHUA AIRPORT AUTHORITY
NASHUA AIRPORT (ASH)
NASHUA, NH**

WHEREAS, the Federal Aviation Administration (FAA) can furnish directly or by contract, material, supplies, equipment, and services which the **Nashua Airport Authority** (Sponsor) requires, has funds available for, and has determined should be obtained from the FAA;

WHEREAS, it has been determined that competition with the private sector for provision of such material, supplies, equipment, and services is minimal; the proposed activity will advance the FAA's mission; and the FAA has a unique capability that will be of benefit to the Sponsor while helping to advance the FAA's mission;

NOW THEREFORE, the FAA and the Sponsor mutually agree as follows:

ARTICLE 1. Parties

The Parties to this Agreement are the FAA and Nashua Airport Authority.

ARTICLE 2. Type of Agreement

This Agreement is an "other transaction" authorized under 49 U.S.C. § 106(l)(6). It is not intended to be, nor will it be construed as, a partnership, corporation, joint venture, or other business organization.

ARTICLE 3. Scope

A. Nashua Airport located in Nashua, NH, has future development plans that will require the construction of a new Airport Traffic Control Tower (ATCT). This tower will be a sponsor-owned Federal Contract Tower (FCT) and, once constructed, the new ATCT will continue with sponsor ownership and maintenance.

The purpose of this Agreement between the FAA and the Sponsor is to support and complete the Tower Siting Assessment process. This Agreement provides funding for the FAA to establish these services. Therefore, this Agreement is titled:

**Reimbursable Agreement for Tower Siting Assessment at Nashua Airport (ASH),
Nashua, NH****B. The FAA will perform the following activities:**

1. Obtain any available photogrammetry data or master planning data, the latest approved Airport Layout Plan (ALP), and elevation data for future structures, and other data as required, and provide a 3-D model of the airfield for use during the siting study.
2. Facilitate the tower siting assessment process using the 3-D airport model created by the FAA per the current version of Order 6480.4, Airport Traffic Control Tower Siting Process, or the latest approved draft.
3. Provide a detailed siting report describing the location and relevant elevations for the preferred sites and identify the recommended site in accordance with the current version of Order 6480.4, Airport Traffic Control Tower Siting Process, or the latest approved draft.

C. The Sponsor will perform the following activities:

1. Provide any available photogrammetry data or master planning data, the latest approved Airport Layout Plan (ALP), and elevation data for future structures, and other data as required by the current version of Order 6480.4, Airport Traffic Control Tower Siting Process, or the latest approved draft.
2. Participate in the siting process in accordance with the current version of Order 6480.4, Airport Traffic Control Tower Siting Process, or the latest approved draft, to include any necessary travel.
3. Provide the following to the FAA in support of the siting report:
 - a. Airport Concurrence Letter
 - b. Economic considerations
 - c. Phase I ESAs on all preferred sites
 - d. OE/AAA (Airspace Case) final determination letter on recommended and preferred sites
 - e. Security considerations

- D. This agreement is in whole or in part funded with funding from an AIP grant Yes No. If Yes, the grant date is: TBD and the grant number is: TBD. If the grant information is not available at the time of agreement execution, the Sponsor will provide the grant information to the FAA when it becomes available.

ARTICLE 4. Points of Contact

A. FAA:

1. The FAA Eastern Service Area, Planning and Requirements Group, NAS Planning and Integration, will provide administrative oversight of this Agreement. Chad Bridges is the Lead Planner and liaison with the Sponsor and can be reached at (404) 305-7310 or via email at chad.bridges@faa.gov. John Seliga is the Project Planning Manager and can be reached at (404) 305-7153 or via email at john.seliga@faa.gov. These liaisons are not authorized to make any commitment, or otherwise obligate the FAA, or authorize any changes that affect the estimated cost, period of performance, or other terms and conditions of this Agreement.
2. The FAA Terminal Facilities Group will perform the scope of work for this Agreement. Zane Edwards is the Group Manager and can be reached at (202) 267-6085 or via email at zane.edwards@faa.gov. This liaison is not authorized to make any commitment, otherwise obligate the FAA, or authorize any changes that affect the estimated cost, period of performance, or other terms and conditions of this Agreement.
3. The execution, amendment, and administration of this Agreement must be authorized and accomplished by the FAA's Contracting Officer, Sonia Holguin who can be reached at (817) 222-4395 or via email at sonia.o.holguin@faa.gov.

B. Sponsor:

Chris Lynch, Airport Manager
93 Perimeter Rd
Nashua, NH 03063
(603) 882-0661
chrislynch@nashuaairport.com

ARTICLE 5. Non-Interference with Operations

The Sponsor understands and hereby agrees that any relocation, replacement, or modification of any existing or future FAA facility, system, and/or equipment covered by this Agreement during its term or any renewal thereof made necessary by Sponsor improvements, changes, or other actions which in the FAA's opinion interfere with the technical and/or operations characteristics of an FAA facility, system, and/or piece of equipment will be at the expense of the Sponsor, except when such improvements or changes are made at the written request of the FAA. In the event such relocations, replacements, or modifications are necessitated due to causes not attributable to either the Sponsor or the FAA, the parties will determine funding responsibility.

ARTICLE 6. Property Transfer

- A. To the extent that the Sponsor provides any material associated with the Project, and to the extent that performance of the requirements of this Project results in the

creation of assets constructed, emplaced, or installed by the Sponsor, all such material (buildings, equipment, systems, components, cable enclosures, etc.) and assets will be transferred to and become the property of the FAA upon project completion. For purposes of this Article 6, "project completion" means that FAA has inspected the specific equipment or construction, and has accepted it as substantially complete and ready for use. The creation of an additional agreement will not be required, unless such other agreement is required by the laws of the state in which the subject property is located. The Sponsor and FAA acknowledge by execution of this agreement the FAA will accept the fundamental responsibilities of ownership by assuming all operations and maintenance requirements for all property transferred to the FAA. The transfer of asset(s) will occur on the date the asset(s) is placed in service. It has been determined the subject transfer(s) to FAA is in the best interest of both the Sponsor and FAA.

- B. In order to ensure that the assets and materials subject to this Article remain fully accounted-for and operational, the Sponsor will provide the FAA any additional documents and publications that will enhance the FAA's ability to manage, maintain and track the assets being transferred. Examples may include, but are not limited to, operator manuals, maintenance publications, warranties, inspection reports, etc. These documents will be considered required hand-off items upon Project completion.

ARTICLE 7. Estimated Costs

The estimated FAA costs associated with this Agreement are as follows:

DESCRIPTION OF REIMBURSABLE ITEM	ESTIMATED COST
Labor	
WB4020 Engineering	\$60,000.00
Labor Subtotal	\$60,000.00
Labor Overhead	\$11,928.00
Total Labor	\$71,928.00
Non-Labor	
WB4020 Engineering	\$2,000.00
Non-Labor Subtotal	\$2,000.00
Non-Labor Overhead	\$160.00
Total Non-Labor	\$2,160.00
TOTAL ESTIMATED COST	\$74,088.00

ARTICLE 8. Period of Agreement and Effective Date

The effective date of this Agreement is the date of the last signature. This Agreement is considered complete when the final invoice is provided to the Sponsor and a refund is

sent or payment is received as provided for in Article 9 of this Agreement. This Agreement will not extend more than five years beyond its effective date.

ARTICLE 9. Reimbursement and Accounting Arrangements

- A. The Sponsor agrees to prepay the entire estimated cost of the Agreement. The Sponsor will send a copy of the executed Agreement and submit full advance payment in the amount stated in Article 7 to the Reimbursable Receipts Team listed in Section C of this Article. The advance payment will be held as a non-interest-bearing deposit. Such advance payment by the Sponsor must be received before the FAA incurs any obligation to implement this Agreement. Upon completion of this Agreement, the final costs will be netted against the advance payment and, as appropriate, a refund or final bill will be sent to the sponsor. Per U.S. Treasury guidelines, refunds under \$1.00 will not be processed. Additionally, FAA will not bill the sponsor for amounts less than \$1.00.
- B. The Sponsor certifies that arrangements for sufficient funding have been made to cover the estimated costs of the Agreement.
- C. The Reimbursable Receipts team is identified by the FAA as the billing office for this Agreement. The preferred method of payment for this agreement is via Pay.Gov. The sponsor can use a check or credit card to provide funding in this manner and receipt-processing time is typically within 3 working days. Alternatively, the sponsor can mail the payment to the address shown below. When submitting funding by mail, the Sponsor must include a copy of the executed Agreement and the full advance payment. All payments mailed to the FAA must include the Agreement number, Agreement name, Sponsor name, and project location. Payments submitted by mail are subject to receipt-processing delay of up to 10 working days.

FAA payment remittance address using USPS or overnight method is:

Federal Aviation Administration
Reimbursable Receipts Team
800 Independence Ave. S.W.
Attn: Rm 612A
Washington D.C. 20591
Telephone: (202) 267-1307

The Sponsor hereby identifies the office to which the FAA will render bills for the project costs incurred as:

Nashua Airport Authority
Attn: Farrell Woods, Chairman
93 Perimeter Road
Nashua, NH 03063
(603) 882-0661
ftwoods3@gmail.com

- D. The FAA will provide a quarterly Statement of Account of costs incurred against the advance payment.
- E. The cost estimates contained in Article 7 are expected to be the maximum costs associated with this Agreement but may be amended to recover the FAA's actual costs. If during the course of this Agreement actual costs are expected to exceed the estimated costs, the FAA will notify the Sponsor immediately. The FAA will also provide the Sponsor an amendment to the Agreement which includes the FAA's additional costs. The Sponsor agrees to prepay the entire estimated cost of the amendment. The Sponsor will send a copy of the executed amendment to the Agreement to the Reimbursable Receipts Team with the additional advance payment. Work identified in the amendment cannot start until receipt of the additional advance payment. In addition, in the event that a contractor performing work pursuant to the scope of this Agreement brings a claim against the FAA and the FAA incurs additional costs as a result of the claim, the Sponsor agrees to reimburse the FAA for the additional costs incurred whether or not a final bill or a refund has been sent.

ARTICLE 10. Changes and Amendments

Changes and/or amendments to this Agreement will be formalized by a written amendment that will outline in detail the exact nature of the change. Any amendment to this Agreement will be executed in writing and signed by the authorized representative of each party. The parties signing this Agreement and any subsequent amendment(s) represent that each has the authority to execute the same on behalf of their respective organizations. No oral statement by any person will be interpreted as amending or otherwise affecting the terms of the Agreement. Any party to this Agreement may request that it be amended, whereupon the parties will consult to consider such amendments.

ARTICLE 11. Termination

In addition to any other termination rights provided by this Agreement, either party may terminate this Agreement at any time prior to its expiration date, with or without cause, and without incurring any liability or obligation to the terminated party other than payment of amounts due and owing and performance of obligations accrued, in each case on or prior to the termination date, by giving the other party at least thirty (30) days prior written notice of termination. Payment of amounts due and owing may include all costs reimbursable under this Agreement, not previously paid, for the performance of this Agreement before the effective date of the termination; the total cost of terminating and settling contracts entered into by the FAA for the purpose of this Agreement; and any other costs necessary to terminate this Agreement. Upon receipt of a notice of termination, the receiving party will take immediate steps to stop the accrual of any additional obligations which might require payment. All funds due after termination will be netted against the advance payment and, as appropriate, a refund or bill will be issued.

ARTICLE 12. Order of Precedence

If attachments are included in this Agreement and in the event of any inconsistency between the attachments and the terms of this Agreement, the inconsistency will be resolved by giving preference in the following order:

- A. This Agreement
- B. The attachments

ARTICLE 13. Legal Authority

This Agreement is entered into under one or more of the following authorities: 49 U.S.C. § 106(l), 31 U.S. Code 6505 Intergovernmental Cooperation Act. Under these authorities, the Administrator of the FAA is authorized to enter into and perform such contracts, leases, cooperative agreements and other transactions as necessary to carry out the functions of the Administrator and the Administration on such terms and conditions as the Administrator considers appropriate. Nothing in this Agreement will be construed as incorporating by reference or implication any provision of Federal acquisition law or regulation.

ARTICLE 14. Disputes

Where possible, disputes will be resolved by informal discussion between the parties. In the event the parties are unable to resolve any dispute through good faith negotiations, the dispute will be resolved by alternative dispute resolution using a method to be agreed upon by the parties. The outcome of the alternative dispute resolution will be final unless it is timely appealed to the Administrator, whose decision is not subject to further administrative review and, to the extent permitted by law, is final and binding (see 49 U.S.C. § 46110).

ARTICLE 15. Warranties

The FAA makes no express or implied warranties as to any matter arising under this Agreement, or as to the ownership, merchantability, or fitness for a particular purpose of any property, including any equipment, device, or software that may be provided under this Agreement.

ARTICLE 16. Insurance

The Sponsor will arrange by insurance or otherwise for the full protection of itself from and against all liability to third parties arising out of, or related to, its performance of this Agreement. The FAA assumes no liability under this Agreement for any losses arising out of any action or inaction by the Sponsor, its employees, or contractors, or any third party acting on its behalf.

ARTICLE 17. Limitation of Liability

To the extent permitted by law, the Sponsor agrees to indemnify and hold harmless the FAA, its officers, agents, and employees from all causes of action, suits or claims arising out of the work performed under this Agreement. However, to the extent that such claim is determined to have arisen from the act or omission by an officer, agent, or employee of the FAA acting within the scope of his or her employment, this hold harmless obligation will not apply and the provisions of the Federal Tort Claims Act, 28 U.S.C. § 2671, et seq., will control. The FAA assumes no liability for any losses arising out of any action or inaction by the Sponsor, its employees, or contractors, or any third party acting on its behalf. In no event will the FAA be liable for claims for consequential, punitive, special and incidental damages, claims for lost profits, or other indirect damages.

ARTICLE 18. Civil Rights Act

The Sponsor will comply with Title VI of the Civil Rights Act of 1964 relating to nondiscrimination in federally assisted programs.

ARTICLE 19. Protection of Information

The parties agree that they will take appropriate measures to identify and protect proprietary, privileged, or otherwise confidential information that may come into their possession as a result of this Agreement.

ARTICLE 20. Security

In the event that the security office determines that the security requirements under FAA Order 1600.72A applies to work under this Agreement, the FAA is responsible for ensuring that security requirements, including compliance with AMS clause 3.14.2.1, Contractor Personnel Suitability Requirements are met.

ARTICLE 21. Reserved**ARTICLE 22. Entire Agreement**

This document is the entire Agreement of the parties, who accept the terms of this Agreement as shown by their signatures below. In the event the parties duly execute any amendment to this Agreement, the terms of such amendment will supersede the terms of this Agreement to the extent of any inconsistency. Each party acknowledges participation in the negotiations and drafting of this Agreement and any amendments thereto, and, accordingly that this Agreement will not be construed more stringently against one party than against the other. If this Agreement is not executed by the Sponsor within 120 calendar days after the FAA transmits it to the Sponsor, the terms contained and set forth in this Agreement shall be null and void. Additionally, the FAA expects this agreement to be funded within 120 days of execution, if funding is not received by that date, the FAA may exercise the right to renegotiate estimated costs.

Agreement Number
AJW-FN-ESA-23-NE-006040

AGREED:

**FEDERAL AVIATION
ADMINISTRATION**

NASHUA AIRPORT AUTHORITY

SIGNATURE _____
NAME _____
TITLE Contracting Officer
DATE _____

SIGNATURE _____
NAME _____
TITLE _____
DATE _____



FAA
Airports

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

Updated: 11/17/2022

View current and previous versions of these ACs and any associated changes at:

http://www.faa.gov/airports/resources/advisory_circulars and

http://www.faa.gov/regulations_policies/advisory_circulars/.¹

NUMBER	TITLE
70/7460-1M	Obstruction Marking and Lighting
150/5000-9B	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
150/5200-28G	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
150/5200-33C	Hazardous Wildlife Attractants on or near Airports

¹ All grant recipients are responsible for reviewing errata sheets and addendums pertaining to these Advisory Circulars.

NUMBER	TITLE
150/5200-34A	Construction or Establishment of Landfills Near Public Airports
150/5200-38	Protocol for the Conduct and Review of Wildlife Hazard Site Visits, Wildlife Hazard Assessments, and Wildlife Hazard Management Plans
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
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
150/5220-23A	Frangible Connections
150/5220-24	Airport Foreign Object Debris (FOD) 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
150/5230-4C	Aircraft Fuel Storage, Handling, Training, and Dispensing on Airports
150/5300-13B	Airport Design
150/5300-14D	Design of Aircraft Deicing Facilities
150/5300-15A	Use of Value Engineering for Engineering and Design of Airport Grant Projects

NUMBER	TITLE
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
150/5300-19	Airport Data and Information Program
150/5320-5D	Airport Drainage Design
150/5320-6G	Airport Pavement Design and Evaluation
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
150/5335-5D	Standardized Method of Reporting Airport Pavement Strength - PCR
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	Specifications for Airport Lighting 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

NUMBER	TITLE
150/5345-13B	Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits
150/5345-26E	FAA Specification For L-823 Plug and Receptacle, Cable Connectors
150/5345-27F	FAA Specification for Wind Cone Assemblies
150/5345-28H	Precision Approach Path Indicator (PAPI) Systems
150/5345-39E	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
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

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

THE FOLLOWING ADDITIONAL ADVISORY CIRCULARS APPLY TO AIP AND BIL PROJECTS ONLY

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
150/5370-12B	Quality Management for Federally Funded Airport Construction Projects