

Application for Federal Assistance SF-424		
* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): _____ * Other (Specify): _____
* 3. Date Received: APR 29 2020	4. Applicant Identifier: CQX	
5a. Federal Entity Identifier: 3-25-0015-25-2020 (Pending)	5b. Federal Award Identifier: _____	
State Use Only:		
6. Date Received by State: 05/01/2020	7. State Application Identifier: _____	
8. APPLICANT INFORMATION:		
* a. Legal Name: Town of Chatham		
* b. Employer/Taxpayer Identification Number (EIN/TIN): 04-6001110	* c. Organizational DUNS: 0766237680000	
d. Address:		
* Street1: 549 Main Street	Street2: _____	
* City: Chatham	County/Parish: _____	
* State: MA: Massachusetts	Province: _____	
* Country: USA: UNITED STATES	* Zip / Postal Code: 02633-2279	
e. Organizational Unit:		
Department Name: Town of Chatham	Division Name: _____	
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: Mr.	* First Name: Peter	Middle Name: _____
* Last Name: Donovan	Suffix: _____	
Title: Chairman		
Organizational Affiliation: Chatham Airport Commission		
* Telephone Number: 508-348-4151	Fax Number: _____	
* Email: peter@donovanbuilding.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:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Federal Aviation Administration

11. Catalog of Federal Domestic Assistance Number:

20.106

CFDA Title:

Airport Improvement Program

*** 12. Funding Opportunity Number:**

3-25-0015-25-2020 (Pending)

* Title:

Environmental Assessment and Vegetation Management Plan

13. Competition Identification Number:

Title:

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

Add Attachment

Delete Attachment

View Attachment

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

Environmental Assessment and Vegetation Management Plan

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

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

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="347,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="347,000.00"/>

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

- a. This application was made available to the State under the Executive Order 12372 Process for review on
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

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

Yes No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

** 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.

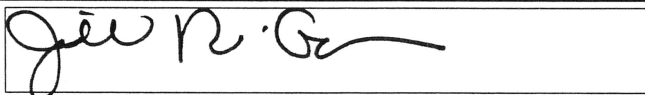
Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: 

* Date Signed:

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	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does Sponsor maintain an active registration in the System for Award Management (www.SAM.gov)?	
Item 2	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
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?	
Item 3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
Are there any foreseeable events that would delay completion of the project? If yes, provide attachment to this form that lists the events.	
Item 4	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
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: _____	
Item 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
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)	
<i>Note: Refer to the instructions for limitations of application associated with claiming Sponsor indirect costs.</i>	

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	\$ 312,300	\$ 0	\$ 312,300
2. CARES Act		34,700		34,700
3. TOTALS		\$ 347,000	\$ 0	\$ 347,000

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	\$ 4,500	\$	\$ 500	\$	\$ 5,000
b. Airport Planning	0				0
c. Environmental Planning	307,800		34,200		342,000
d. Noise Compatibility Planning					
e. Subtotal					
f. Program Income					
g. TOTALS (line e minus line f)	\$ 312,300	\$	\$ 34,700	\$	\$ 347,000

Section C – Non-Federal Resources

Grant Program (a)	Applicant (b)	State (c)	Other Sources (d)	Total (e)
5.	\$ 0	\$ 0	\$	\$ 0
6.				
7. TOTALS	\$	\$	\$	\$

Section D – Forecasted Cash Needs

Source of funds	Total for Project	1 st Year	2 nd Year	3 rd Year	4 th Year
8. Federal	\$ 347,000	\$ 260,250	\$ 86,750	\$	\$
9. Non-Federal	0	0	0		
10. TOTAL	\$ 347,000	\$ 260,250	\$ 86,750	\$	\$

Section E – Other Budget Information

11. Other Remarks: (attach sheets if necessary)

Part IV - Program Narrative

(Suggested Format)

PROJECT: Environmental Assessment and Vegetation Management Plan
AIRPORT: Chatham Municipal Airport
1. Objective: The purpose of this project is to implement an environmental assessment to explore proposed actions identified in the Airport's recently completed Master Plan Update, state the purpose and need for said actions, present project alternatives, describe the environmental conditions of potentially affected areas, and discuss environmental impacts of each alternative. Projects to be explored as part of this Environmental Assessment could include, but are not necessarily limited to, easement acquisitions for the removal of airspace obstructions, vegetative and manmade obstruction removal in approaches and primary surface, administration building rehabilitation or construction, hangar building construction, and fuel facility construction. This project will also include the preparation of a Vegetation Management Plan, as well as a complete Part 77 airspace analysis.
2. Benefits Anticipated: The purpose of this project is to satisfy the requirements of FAA Order 1050.1F, Environmental Impacts: Policies and Procedures to obtain a Finding of No Significant Impact (FONSI) from FAA and Massachusetts Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n)1 Limited Project Status in order for the Airport to implement projects identified in its 2020 Airport Master Plan Update.
3. Approach: <i>(See approved Scope of Work in Final Application)</i>
4. Geographic Location: Chatham Municipal Airport, Town of Chatham, County of Barnstable, Massachusetts, USA
5. If Applicable, Provide Additional Information:
6. Sponsor's Representative: <i>(include address & telephone number)</i> Gale Associates, Inc. 603-471-1887 15 Constitution Drive Bedford, NH 03110

Supplemental Narrative
 Application for AIP Grant
 Environmental Assessment and Vegetation Management Plan
 AIP No. 3-25-0015-25-2020 (Pending)
 Chatham Municipal Airport
 Chatham, Massachusetts

May 1, 2020
 Page 1 of 2

Project Description

The Chatham Municipal Airport is in the process of completing an update to its Airport Master Plan and Airport Layout Plan to review the adequacy of the Airport’s landside and airside facilities with respect to compliance with Federal Aviation Administration (FAA) design standards and ability to address the needs of the Airport through the planning period. Prior to implementing any of the proposed projects resulting from recommendations made in the Master Plan, the Airport must implement an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures. The Environmental Assessment will describe proposed actions, state the purpose and need for said actions, present project alternatives, describe the environmental conditions of potentially affected areas, and discuss environmental impacts of each alternative. Projects to be explored as part of this Environmental Assessment could include, but are not necessarily limited to, easement acquisitions for the removal of airspace obstructions, vegetative and manmade obstruction removal in approaches and primary surface, administration building rehabilitation or construction, hangar building construction, and fuel facility construction.

This project will also include the preparation of a Vegetation Management Plan to satisfy Massachusetts Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n)1 Limited Project Status, and a complete Part 77 airspace analysis to identify obstructions contained within the primary, transitional, horizontal and conical surfaces, not included in the 2018 airspace analysis, which included Part 77 approach surfaces only.

Cost Breakdown of Major Work Items

The project cost summary is presented in the table below.

Description	Fee
Planning/Engineering	\$342,000.00
Sponsor Administration	\$5,000.00
Total Project Cost	\$347,000.00
FAA Share (100%)	\$347,000.00
MassDOT Share (0.0%)	\$0.00
Local Share (0.0%)	\$0.00

Project Schedule

Scoping Meeting ----- March 2020
 Contract Negotiation and Grant Application ----- May 2020
 Public Introductory Meeting ----- June 2020

Supplemental Narrative
Application for AIP Grant
Environmental Assessment and Vegetation Management Plan
AIP No. 3-25-0015-25-2020 (Pending)
Chatham Municipal Airport
Chatham, Massachusetts

May 1, 2020
Page 2 of 2

Aerial Survey of Part 77 Surfaces -----	July 2020
Archaeological Survey -----	July 2020
Draft EA for Client Group Review -----	October 2020
Draft VMP for Client Group Review -----	October 2020
Public Meeting to Present Draft EA and VMP -----	November 2020
Submission of Final EA to FAA -----	January 2021
Approved EA and VMP to Client Group -----	March 2021
Project Closeout -----	April 2021

Environmental Status Statement

This project is categorically excluded from further review under NEPA per FAA Order 1050.1F paragraph 5-6.1(o). This project was reviewed and identified as not resulting in a significant environmental effect as it is an action that is either administrative or general in nature that does not imply project commitment.

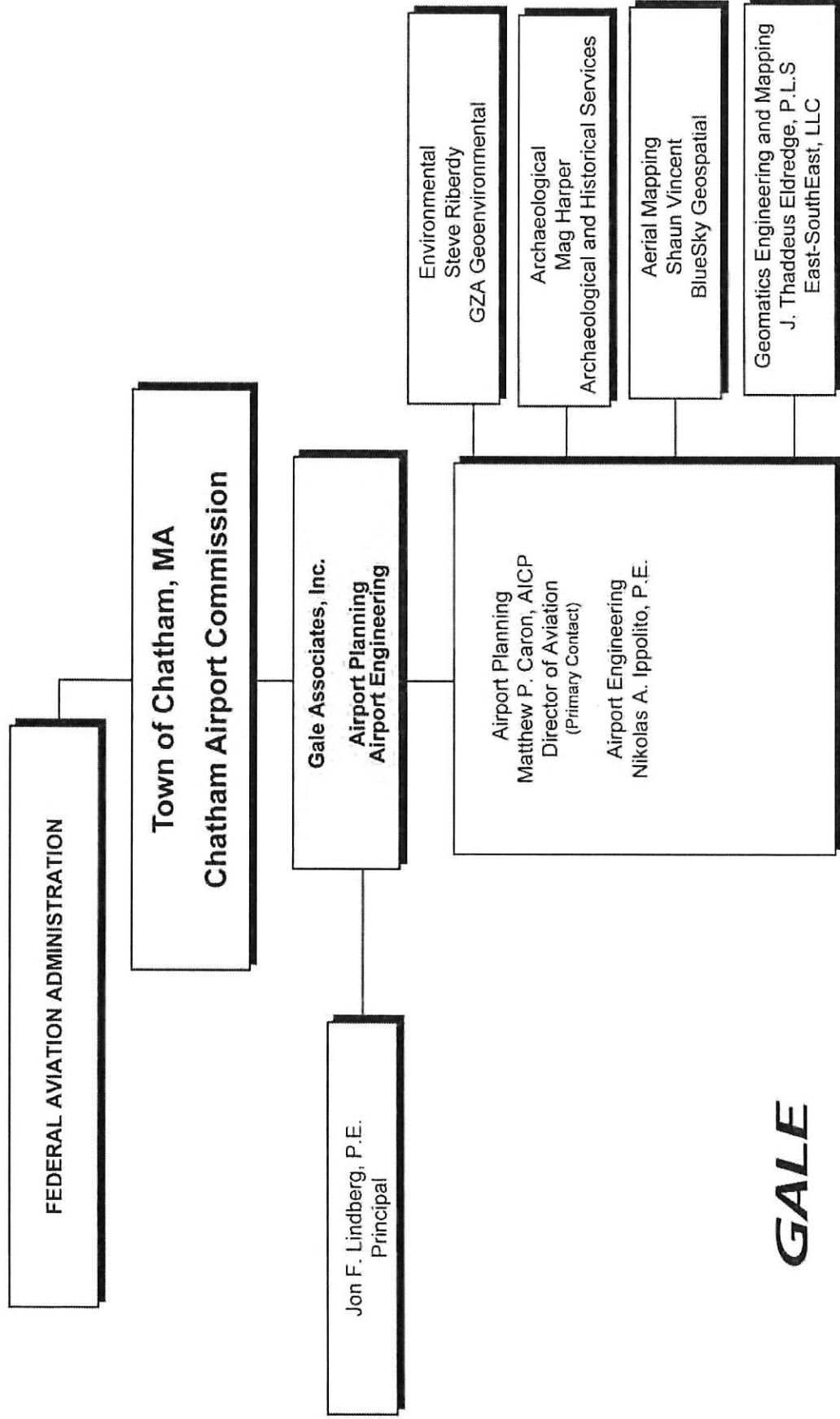
Statement of Disadvantaged Business Enterprise Status

The Chatham Municipal Airport has an overall DBE Participation goal of 1.7% for FAA-funded projects during the three-year period of FY2018- 2020. The airport's DBE plan has been approved by the FAA.

Coordination with State Agency

By signing this application, I hereby certify that Coordination with MassDOT has occurred through various means.

Project Organization



GALE

Drug-Free Workplace Airport Improvement Program Sponsor Certification

Sponsor: Town of Chatham

Airport: Chatham Municipal Airport

Project Number: 3-25-0015-25-2020

Description of Work: This project is for the completion of an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures, and a Vegetation Management Plan to satisfy MassDEP Wetland Protection Act 310 CMR 10.53(3)(n)1.

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: Chatham Municipal Airport
 Address: 240 George Ryder Road, Chatham, MA 02633

Location 2 (if applicable)

Name of Location: Gale Associates, Inc.
 Address: 15 Constitution Drive, 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 1st day of May, 2020

Name of Sponsor: Town of Chatham

Name of Sponsor's Authorized Official: Jill Goldsmith

Title of Sponsor's Authorized Official: Town Manager

Signature of Sponsor's Authorized Official: 

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

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

Sponsor: Town of Chatham

Airport: Chatham Municipal Airport

Project Number: 3-25-0015-25-2020

Description of Work: This project is for the completion of an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures, and a Vegetation Management Plan to satisfy MA Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n)1 Limited Project Status.

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.

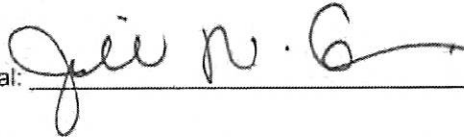
Executed on this 1st day of May, 2020

Name of Sponsor: Town of Chatham

Name of Sponsor's Authorized Official: Jill Goldsmith

Title of Sponsor's Authorized Official: Town Manager

Signature of Sponsor's Authorized Official: _____



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

Selection of Consultants

Airport Improvement Program Sponsor Certification

Sponsor: Town of Chatham

Airport: Chatham Municipal Airport

Project Number: 3-25-0015-25-2020

Description of Work: This project is for the completion of an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures, and a Vegetation Management Plan to satisfy MA Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n)1 Limited Project Status.

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.

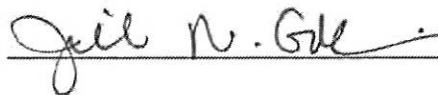
Executed on this 1 day of May , 2020 .

Name of Sponsor: Town of Chatham

Name of Sponsor's Authorized Official: Jill Goldsmith

Title of Sponsor's Authorized Official: Town Manager

Signature of Sponsor's Authorized Official: _____



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

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

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

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

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

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

Statement for Loan Guarantees and Loan Insurance

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

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

* APPLICANT'S ORGANIZATION Town of Chatham	
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Prefix: <input type="text"/>	* First Name: <input type="text" value="Jill"/> Middle Name: <input type="text"/>
* Last Name: <input type="text" value="Goldsmith"/>	Suffix: <input type="text"/>
* Title: <input type="text" value="Town Manager"/>	
* SIGNATURE: <input type="text" value="Jill M. Gow"/>	* DATE: <input type="text" value="05/01/2020"/>



**FAA
Airports**

ASSURANCES

AIRPORT SPONSORS

A. General.

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

B. Duration and Applicability.

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

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

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

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

3. Airport Planning Undertaken by a Sponsor.

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

C. Sponsor Certification.

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

1. General Federal Requirements.

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

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

EXECUTIVE ORDERS

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

FEDERAL REGULATIONS

- a. 2 CFR Part180 – OMB Guidelines to Agencies on Government-wide Debarment and Suspension (Non-procurement).
- b. 2 CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. [OMB Circular A-87 Cost Principles Applicable to Grants and Contracts with State and Local Governments, and OMB Circular A-133 - Audits of States, Local Governments, and Non-Profit Organizations].^{4, 5, 6}
- c. 2 CFR Part 1200 – Non-procurement Suspension and Debarment
- d. 14 CFR Part 13 - Investigative and Enforcement Procedures 14 CFR Part 16 - Rules of Practice For Federally Assisted Airport Enforcement Proceedings.
- e. 14 CFR Part 150 - Airport noise compatibility planning.
- f. 28 CFR Part 35- Discrimination on the Basis of Disability in State and Local Government Services.
- g. 28 CFR § 50.3 - U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964.
- h. 29 CFR Part 1 - Procedures for predetermination of wage rates.¹
- i. 29 CFR Part 3 - Contractors and subcontractors on public building or public work financed in whole or part by loans or grants from the United States.¹
- j. 29 CFR Part 5 - Labor standards provisions applicable to contracts covering federally financed and assisted construction (also labor standards provisions applicable to non-construction contracts subject to the Contract Work Hours and Safety Standards Act).¹
- k. 41 CFR Part 60 - Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and federally assisted contracting requirements).¹
- l. 49 CFR Part 18 - Uniform administrative requirements for grants and cooperative agreements to state and local governments.³
- m. 49 CFR Part 20 - New restrictions on lobbying.

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

SPECIFIC ASSURANCES

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

FOOTNOTES TO ASSURANCE C.1.

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

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

2. Responsibility and Authority of the Sponsor.

a. Public Agency Sponsor:

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

b. Private Sponsor:

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

3. Sponsor Fund Availability.

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

4. Good Title.

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

5. Preserving Rights and Powers.

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

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

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

6. Consistency with Local Plans.

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

7. Consideration of Local Interest.

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

8. Consultation with Users.

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

9. Public Hearings.

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

10. Metropolitan Planning Organization.

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

11. Pavement Preventive Maintenance.

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

12. Terminal Development Prerequisites.

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

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

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

14. Minimum Wage Rates.

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

15. Veteran's Preference.

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

16. Conformity to Plans and Specifications.

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

17. Construction Inspection and Approval.

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

18. Planning Projects.

In carrying out planning projects:

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

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

19. Operation and Maintenance.

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

20. Hazard Removal and Mitigation.

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

21. Compatible Land Use.

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

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

22. Economic Nondiscrimination.

- a. It will make the airport available as an airport for public use on reasonable terms and without unjust discrimination to all types, kinds and classes of aeronautical activities, including commercial aeronautical activities offering services to the public at the airport.
- b. In any agreement, contract, lease, or other arrangement under which a right or privilege at the airport is granted to any person, firm, or corporation to conduct or to engage in any aeronautical activity for furnishing services to the public at the airport, the sponsor will insert and enforce provisions requiring the contractor to-
 - 1) furnish said services on a reasonable, and not unjustly discriminatory, basis to all users thereof, and
 - 2) charge reasonable, and not unjustly discriminatory, prices for each unit or service, provided that the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.
 - a. 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.
 - b. 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.
 - c. 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.
 - d. 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.
 - e. 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.
 - f. 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.

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

23. Exclusive Rights.

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

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

24. Fee and Rental Structure.

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

25. Airport Revenues.

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

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

- 2) If the Secretary approves the sale of a privately owned airport to a public sponsor and provides funding for any portion of the public sponsor's acquisition of land, this limitation on the use of all revenues generated by the sale shall not apply to certain proceeds from the sale. This is conditioned on repayment to the Secretary by the private owner of an amount equal to the remaining unamortized portion (amortized over a 20-year period) of any airport improvement grant made to the private owner for any purpose other than land acquisition on or after October 1, 1996, plus an amount equal to the federal share of the current fair market value of any land acquired with an airport improvement grant made to that airport on or after October 1, 1996.
- 3) Certain revenue derived from or generated by mineral extraction, production, lease, or other means at a general aviation airport (as defined at Section 47102 of title 49 United States Code), if the FAA determines the airport sponsor meets the requirements set forth in Sec. 813 of Public Law 112-95.
 - a. 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.
 - b. Any civil penalties or other sanctions will be imposed for violation of this assurance in accordance with the provisions of Section 47107 of Title 49, United States Code.

26. Reports and Inspections.

It will:

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

27. Use by Government Aircraft.

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

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

28. Land for Federal Facilities.

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

29. Airport Layout Plan.

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

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

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

30. Civil Rights.

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

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

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

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

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

"The (Name of Sponsor), in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises and airport concession disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award."

- e. Required Contract Provisions.

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

31. Disposal of Land.

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

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

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

32. Engineering and Design Services.

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

33. Foreign Market Restrictions.

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

34. Policies, Standards, and Specifications.

It will carry out the project in accordance with policies, standards, and specifications approved by the Secretary including, but not limited to, the advisory circulars listed in the Current FAA Advisory Circulars for AIP projects, dated February 28, 2020, and included in this grant, and in accordance with applicable state policies, standards, and specifications approved by the Secretary.

35. Relocation and Real Property Acquisition.

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

36. Access By Intercity Buses.

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

37. Disadvantaged Business Enterprises.

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

38. Hangar Construction.

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

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

39. Competitive Access.

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



**FAA
Airports**

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

Updated: 2/28/2020

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

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

NUMBER	TITLE
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
150/5220-23	Frangible Connections
150/5220-24	Foreign Object Debris Detection Equipment
150/5220-25	Airport Avian Radar Systems
150/5220-26, Changes 1 - 2	Airport Ground Vehicle Automatic Dependent Surveillance - Broadcast (ADS-B) Out Squitter Equipment
150/5300-13A, Change 1	Airport Design
150/5300-14C	Design of Aircraft Deicing Facilities
150/5300-16B	General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey
150/5300-17C Change 1	Standards for Using Remote Sensing Technologies in Airport Surveys
150/5300-18B Change 1	General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards
150/5320-5D	Airport Drainage Design

NUMBER	TITLE
150/5320-6F	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
150/5325-4B	Runway Length Requirements for Airport Design
150/5335-5C	Standardized Method of Reporting Airport Pavement Strength - PCN
150/5340-1M	Standards for Airport Markings
150/5340-5D	Segmented Circle Airport Marker System
150/5340-18G	Standards for Airport Sign Systems
150/5340-26C	Maintenance of Airport Visual Aid Facilities
150/5340-30J	Design and Installation Details for Airport Visual Aids
150/5345-3G	Specification for L-821, Panels for the Control of Airport Lighting
150/5345-5B	Circuit Selector Switch
150/5345-7F	Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits
150/5345-10H	Specification for Constant Current Regulators and Regulator Monitors
150/5345-12F	Specification for Airport and Heliport Beacons
150/5345-13B	Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits
150/5345-26D	FAA Specification For L-823 Plug and Receptacle, Cable Connectors
150/5345-27E	Specification for Wind Cone Assemblies
150/5345-28H	Precision Approach Path Indicator (PAPI) Systems
150/5345-39D	Specification for L-853, Runway and Taxiway Retroreflective Markers
150/5345-42J	Specification for Airport Light Bases, Transformer Housings, Junction Boxes, and Accessories
150/5345-43J	Specification for Obstruction Lighting Equipment

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

THE FOLLOWING ADDITIONAL APPLY TO AIP PROJECTS ONLY

Updated: 3/22/2019

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
150/5300-15A	Use of Value Engineering for Engineering and Design of Airport Grant Projects
150/5320-17A	Airfield Pavement Surface Evaluation and Rating Manuals
150/5370-12B	Quality Management for Federally Funded Airport Construction Projects
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

PROJECT DESCRIPTION

The Chatham Municipal Airport is in the process of completing an update to its Airport Master Plan and Airport Layout Plan to review the adequacy of the Airport's landside and airside facilities with respect to compliance with Federal Aviation Administration (FAA) design standards and ability to address the needs of the Airport through the planning period. Prior to implementing any of the proposed projects resulting from recommendations made in the Master Plan, the Airport must implement an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures. The Environmental Assessment will describe proposed actions, state the purpose and need for said actions, present project alternatives, describe the environmental conditions of potentially affected areas, and discuss environmental impacts of each alternative. Projects to be explored as part of this Environmental Assessment could include, but are not necessarily limited to, easement acquisitions for the removal of airspace obstructions, vegetative and manmade obstruction removal in approaches and primary surface, administration building rehabilitation or construction, hangar building construction, and fuel facility construction.

This project will also include the preparation of a Vegetation Management Plan to satisfy Massachusetts Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n)1 Limited Project Status, and a complete Part 77 airspace analysis to identify obstructions contained within the primary, transitional, horizontal and conical surfaces, not included in the 2018 airspace analysis, which included Part 77 approach surfaces only.

CLIENT GROUP

The CLIENT GROUP shall consist of representatives from the Federal Aviation Administration (FAA), Massachusetts Department of Transportation (MassDOT/AD), and Chatham Municipal Airport.

SCOPE OF WORK

ARTICLE A – PROJECT DEVELOPMENT AND DATA COLLECTION

A.1 Project Development: this task includes efforts necessary to develop the project from initial concept through preparation of funding applications.

- a) Preparing a Preliminary Scope of Work for review by the CLIENT GROUP documenting the general direction and understanding of the project and major tasks to be accomplished. Transmitting the Preliminary Scope of Work to the CLIENT GROUP. (Gale)
- b) Attending the scoping meeting (via teleconference) with the CLIENT GROUP to discuss items to be included in the Environmental Assessment. This task includes meeting, meeting preparation and action item follow-up with the CLIENT GROUP after the meeting. (Gale)
- c) Revising the Preliminary Scope of Work into a Final Scope of Work to include comments and feedback from the CLIENT GROUP during the scoping meeting. (Gale)
- d) Assisting the owner in preparing and submitting Project Readiness Forms to FAA and MassDOT. (Gale)

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- e) Preparing a “zeroed-out” spreadsheet for use by an independent fee estimator, and transmitting it to the SPONSOR, along with other relevant material necessary to conduct an independent fee estimate. (Gale)
- f) Preparing two (2) SUBCONSULTANT Agreements and transmitting for signature. (Gale)
- g) Assisting the OWNER in preparing and submitting one (1) FAA grant application for funding assistance (assumes 5 copies of the application) to be submitted by May 1, 2020. (Gale)
- h) Assisting the OWNER in preparing and submitting one (1) MassDOT/AD grant application for funding assistance (assumes 5 copies of the application) to be submitted by May 1, 2020. (Gale)
- i) Preparing four (4) copies of the Agreement between the OWNER and CONSULTANT. (Gale)

A.II Aerial Mapping: the purpose of this task to prepare aerial mapping of the Airport’s Part 77 surfaces. The mapping will identify all obstructions to the various Part 77 surfaces and will identify the type of obstruction (i.e., tree, building, pole, etc.). This task will include the following:

- a) Defining the survey limits and providing the SUBCONSULTANT with Airport base plans and ground survey data. (Gale)
- b) Coordinate with the Aerial Mapping SUBCONSULTANT during the course of the aerial survey. (Gale)
- c) Develop and submit survey work and quality control plans for the OWNER and FAA approval before field work begins. This will include all provisions of applicable FAA Advisory Circulars. The plan will be submitted to FAA in PDF format. (This task will be performed by the Aerial Mapping SUBCONSULTANT and reviewed by the ENGINEER)
- d) Conducting “leaf-on” color aerial photography of the Airport’s Part 77 surfaces, including the approach, primary, transitional, horizontal and conical surfaces. Also included as part of this task is acquiring ground control points to geo-reference the photography in accordance with applicable FAA Advisory Circulars. (TBD, Gale).
- e) Preparing an obstruction plan depicting obstructions to each of the Part 77 surface. (TBD)
- f) Providing Gale with the X, Y, Z coordinates, and type of object (tree, building, pole, etc.); and the top elevation of each obstruction (including ground elevations) with a 50’ x 50’ grid of the surfaces described in this Article. (TBD)
- g) Analyzing the photogrammetrically collected obstruction data in relationships to the Part 77 surfaces and generating an obstruction analysis for each surface. (Gale)

A.III Bike Path Survey: this task includes efforts necessary to determine the elevation of portions of the bike path relative to the airport’s primary surface necessary to support a non-precision approach.

- a) Preparing an existing conditions topographical plan of the bike path from George Ryder Road to Wilfred Road. (East-SouthEast, LLC).
- b) Reviewing the work product of ESE and general correspondence throughout the duration of the project. Evaluating the topographical plan of the bike path compared to the proposed primary surface at the airport. This task will evaluate the elevation differences between the two. (Gale)
- c) Preparing an overall plan illustrating the location of the bike path and the airport’s primary surface, elevations, and other pertinent features. This task includes QA/QC and a comparison with FAA design AC. (Gale)

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A.IV Public Involvement: this task includes efforts necessary to satisfy the public involvement portion of the environmental assessment project.

- a) Assisting the Airport in conducting an introductory meeting in advance of the project to provide details to the public about the environmental assessment process, answer questions, and encourage public participation during regularly scheduled Commission meetings and at certain milestones in the development of the Environmental Assessment and Vegetation Management Plan. (Gale)
- b) Assisting the Airport in circulating a Draft Environmental Assessment for public review and comment. (Gale)
- c) Assisting the Airport in responding to public comments resulting from Draft Environmental Assessment circulation. (Gale)

ARTICLE B – AIRPORT PLANNING

B.I- Archaeological Intensive (Locational) Survey: this task includes efforts necessary to conduct an archaeological survey in order to locate and identify any archaeological resources that may be affected by the proposed undertaking, and comply with Massachusetts General Law Chapter 9, sections 26-27c, as amended by Chapter 254 of the Act of 1988 (950 CMR 71.00), and MEPA.

- a) Background Research: researching the MACRIS and MHC database for information on recorded archaeological sites in the project area vicinity and from previous archaeological surveys conducted in the project area and vicinity. (AHS)
- b) MHC Permit Application: obtaining a permit to conduct an intensive (locational) survey before any on-site work may be conducted. (AHS)
- c) Native American Consultation: consultation with state-recognized tribes and coordination to monitor fieldwork as may be required. (AHS)
- d) Fieldwork: shovel test pits at 10-meter intervals along a grid to locate Native American artifacts. This task assumes up to 294 shovel test pits. (AHS)
- e) Artifact Processing: cleaning, cataloguing, bagging artifacts for long-term curation. (AHS)
- f) Data Analysis and Reporting: within 15 days of completion of the testing, AHS will produce a summary of the results in an end-of-fieldwork memorandum, which will be followed within three months by a technical report. (AHS)
- g) Project Management and Coordination: Internal project management and coordination with Gale Associates. (Gale).
- h) Project coordinating with AHS throughout the duration of the survey. (Gale)
- i) Reviewing fieldwork memorandum and technical report produced by AHS and providing comments and feedback. (Gale)
- j) Presenting the results of the locational survey to the Airport Commission. (Gale)

B.II- Environmental Assessment: This task includes planning efforts necessary to complete an Environmental Assessment in accordance with FAA Order 5050.4B and Order 1050.1F; and determine the impacts of master plan improvements. The work of the CONSULTANT shall include:

- a) Mapping wetland resources in proximity to the Project Area. This task will rely on previously verified wetland resources conducted as part of the Master Plan, MassGIS (Bureau of Geographic Information, Chatham, MA MapsOnline, and previous environmental studies. This task includes a written description and classification of wetland resources in the Project Area. (GZA)
- b) Reviewing the work product of the SUBCONSULTANT and providing comments/feedback. (Gale)
- c) Developing the Purpose and Need of the project: this section will provide a discussion of the purpose of the proposed improvement(s), including Acquisition of Avigation Easements, Vegetation Management, location of Administration Building, Jet-A fuel facility, future hangars and reservation of land for potential future revenue development and non-aeronautical use. (Gale)

Chatham Municipal Airport
Environmental Assessment for Master Plan Improvements
Draft Scope of Work
April 2, 2020

- d) Developing the Proposed Action: this section will concisely describe the solution the OWNER wishes to implement to address the need for vegetation management and siting of facilities described in B.II(c). (Gale)
- e) Developing a suite of Alternatives: this section, based on the Purpose and Need statement, will compare a no action, a proposed action, and additional alternatives, as required for each project identified in the Airport's 2020 Master Plan. This includes the development of graphics (in CAD and GIS) to illustrate the alternatives, as well as the use of tables to summarize each of the alternative's expected environmental and operational impacts, as well as financial, and permitting needs. This task will include the selection of a Preferred Alternative. Projects to be explored as part of this process include the following:
 - 1. Avigation Easements
 - 2. Runway approach clearing
 - 3. Administration building construction
 - 4. Hangar building construction
 - 5. Jet-A fuel facility construction
 - 6. Reservation of land for potential future revenue development and non-aeronautical development
- f) Evaluating the Affected Environment and Environmental Consequences: this section will describe the environmental conditions of the potentially affected geographic area. This includes addressing each of the fourteen (14) Environmental Impact Categories outlined in section 4-1, *Environmental Impact Categories* of FAA Order 1050.1F. (Gale)
- g) Outline of Mitigation: this section will describe the conceptual measures the OWNER proposes to mitigate the identified environmental impacts, if any. Conceptual measures are preliminary, qualitative explanations of each mitigation measure and will describe how the measures would avoid or reduce the adverse environmental effects. (Gale)
- h) Providing a review and recommendations regarding mitigation measures proposed to reduce environmental impacts. (GZA)
- i) Developing a Cumulative Impact Analysis: this section will describe potential impacts on resources (if applicable) as a result of the Proposed Action, past actions, and reasonably foreseeable actions. (Gale)
- j) List of Preparers: this section will include a list of names and qualifications of personnel who prepared the EA. Contractors will be identified as having assisted in, or having prepared the EA. (Gale)
- k) List of Agencies and Persons Consulted: this section will include a list of agencies and persons consulted. (Gale)
- l) Preparation of the Draft Environmental Assessment, including internal QA/QC before distribution to the CLIENT GROUP. (Gale)
- m) Distributing the Draft Environmental Assessment to the CLIENT GROUP for comments and feedback. This task assumes all coordination can be completed via telephone and email correspondence. (Gale)
- n) Review of Draft EA to provide comments and feedback. (GZA)

Chatham Municipal Airport
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- o) Meeting with the Chatham Airport Commission to present the draft Environmental Assessment and respond to Commission and public comments. (Gale)
- p) Revising, printing, and binding six (6) copies of the Final Environmental Assessment. The Final Environmental Assessment will be distributing to the CLIENT GROUP. The final report will be converted into PDF and distributed by mail, email, or CD. (Gale)
- q) Updating the appropriate sheets of the ALP to reflect changes, if applicable, to the Ultimate Airport Layout Plan. Submitting the draft ALP drawings to the FAA New England Region for distribution to appropriate FAA offices. (Gale)
- r) Revising the ALP drawings as necessary based on comments/feedback from the reviewing agencies. (Gale)
- s) Uploading the electronic copy of the ALP and approval letter from the FAA in the Obstruction Evaluation/Airport Airspace Analysis system and FAA's AGIS system once authorized by the FAA. (Gale)

B.III- Vegetation Management Plan: This task is to develop a comprehensive VMP that will: conform to the guidelines and criteria in the GEIR Update/Expanded Generic Environmental Notification Form for the Statewide Vegetation Management Program at Public Use Airports; conform to the limited project provisions in 310 CMR 10.00, and all other applicable laws, rules, regulations and practices; allow for the removal of vegetation that either obstructs or threatens to obstruct airport protection zones; develop a set of prioritized yearly operation plans for the first five years following VMP activities; and address all vegetation whether in or near uplands or wetlands, or on or off-airport property.

- a) Identifying VMP goals and objectives as found in the GEIR and modify for the airport's specific situation; (Gale/GZA)
- b) Documenting general airport information (assumes information can be obtained from the Master Plan Update). (Gale)
- c) Researching, identifying and documenting of previous vegetation management practices, including the preparation of a map showing past vegetation management areas and maintenance methodologies (Gale)
- d) Identifying all Protection Zones (including Part 77, TERPS surfaces, and NAVAID critical areas) and developing a plan graphically depicting each Protection Zone (Gale)
- e) Previously identified wetland areas on airport that may be affected by tree removal activities were delineated and flagged in AIP No 3-25-0052-24-2019. GZA will re-flag these areas as necessary so that local Conservation Commission members and others have an appropriate frame of reference when visiting the site. These areas will not be surveyed again since the prior wetland flagging under the previous project surveyed and mapped these wetland boundaries; (GZA)
- f) Identifying and mapping Vegetation Management Areas (VMA) on Airport property including site visits to verify the relevant characteristics of each VMA. Includes the development of a plan graphically depicting each VMA and a written VMP section providing a description of each VMA. The VMA section will describe the VMA's size, vegetation characteristics, soil conditions and vegetation management limitations; rare species habitat (if any), and identify any other area of special environmental concern, if any. Each VMA will be determined by the

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- airspace characteristics affecting it and by its constraints with respect to various removal methods; (2 days for site visits). (GZA)
- g) Identifying and mapping off-airport property VMA's including an estimation of wetland areas within these VMA'S based upon previous Master Plans, MassGIS (Bureau of Geographic Information, Chatham, MA MapsOnline, and other available environmental studies. The VMA section will describe the VMA's size, vegetation characteristics, soil conditions and vegetation management limitations, rare species habitat (if any), and identify any other area of special environmental concern, if any. Each VMA will be determined by the airspace characteristics affecting it and by its constraints with respect to various removal methods. (GZA)
 - h) Review and comment on the plan graphically depicting each VMA and on the written description of each VMA. (Gale)
 - i) Preparing a graphic indicating the wetland boundaries and quantifying the total area of the wetland resources to be potentially affected by vegetation removal activities (Gale)
 - j) Preparing a plan showing airport abutters. (Gale)
 - k) Identifying affected off-airport properties within the Town of Chatham. Affected properties are those that exist nearby or in any area proposed for tree removal and those that may be impacted by tree removal activities such as construction noise, trucking, or other vegetation management activities. (Gale)
 - l) Identifying removal methods as recommended in the GEIR and modified for the conditions found in each VMA. This includes an evaluation of each removal method to determine its effectiveness, or non-effectiveness for the particular VMA under study, recommending appropriate removal methods, and preparing a graphic depicting each recommended removal method within each VMA. (GZA)
 - m) Evaluating probable impacts to wetland resources including bordering vegetated wetlands, riverfront areas, stream banks, bordering lands subject to flooding, isolated land subject to flooding, and land under water. This evaluation will be presented in a summary format to provide information regarding the probable environmental impacts associated with selected removal and maintenance methods; (GZA, GALE review)
 - n) Quantifying impacts to the various wetland resource areas for each VMA where there are impacted wetland resources including bordering vegetated wetlands, wetland buffer zones, riverfront areas, stream banks, isolated land subject to flooding, vernal pools, etc. The impacts will likely be presented in tabular format keyed to the particular wetland resource being impacted; (GALE, GZA review)
 - o) Evaluating wildlife habitat impacts in accordance with GEIR requirements including a written assessment of the habitat value of wetland VMAs and how these values may change as a result of tree removal and vegetation maintenance activities. (GZA)
 - p) Identifying and documenting vegetation removal mitigation. This section of the VMP will present short and long-term mitigation measures such as erosion and sedimentation controls, herbicide application guidelines, and other mitigation type measures. It is assumed that no wetland replication or stormwater detention will be required as mitigation for tree removal impacts. However, wetland enhancement and monitoring could be required. (GZA)
 - q) Evaluating herbicide use techniques including a description of the herbicides proposed for use (application rates, MSDS sheets, etc.). (GZA)
 - r) Developing general operational guidelines, procedures and locations for handling, mixing and loading herbicides in the field for application. (GZA)

- s) Identifying local, state or federal permits required for the vegetation removal and maintenance activities recommended. (GZA)
- t) Developing five yearly operational plans (YOP) including cost estimates for each yearly plan. This task will include:
 - Identification of the operational years
 - Identification of the activities proposed for each program year including permitting requirements, vegetation removal methods and proposed maintenance activities
 - Identification of the target vegetation for each year
 - Identification of the specific vegetation removal areas
 - Identification of the specific vegetation to receive herbicide treatment
 - Identification of at least one herbicide alternative for each program year and area programmed for herbicide treatment
 - Identification of remedial methods with emergency contacts in case of herbicide spills or accidents
 - A schedule of activity for each program year
 - Comparative cost estimates for each type of vegetation removal and maintenance method
 - The cost for each herbicide alternative recommended
 - The development of a summary of the financial costs for each YOP sufficient to allow the Client Group to determine the financial viability of the long-term program. (GZA)
- u) Preparing a pre-draft VMP for review by the Client Group. This will include a compilation of the information prepared during the course of the study and, in addition, will include project recommendations and conclusions, a section identifying the qualification of the consultants, and relevant correspondence. (Gale/GZA)
- v) Revising the pre-draft VMP and distributing 10 copies of the revised document as the draft VMP in accordance with the limited project regulation; (GALE)
- w) Meeting with the Chatham Airport Commission to present the draft VMP and respond to Commission and public comments. This task includes preparation of graphics to assist in illustrating the VMP. (Gale/GZA)
- x) Preparing a notice for publication in the Environmental Monitor announcing the availability of draft VMP. (Gale)
- y) Meeting with Chatham Conservation Commission to present and discuss the VMP. This task includes edits and/or revisions to the VMP as may be required. (Gale/GZA)
- z) Revising the draft VMP in accordance with comments received and distributing copies of the proposed revisions to the Client Group for review. (GALE, GZA)

ARTICLE C – BIDDING AND ARRANGEMENTS FOR CONSTRUCTION

(Not used in this Agreement)

ARTICLE D- GRANT ADMINISTRATION

D.I- Project Administration: this task is to provide the OWNER and funding agencies with administrative support during the course of the project. This task includes project coordination efforts not specifically outlined elsewhere in this Scope of Work. The work of the ENGINEER includes:

- a) Updating the OWNER on the project status at critical points during the development of EA/VMP (6 monthly updates are assumed, including roundtrip to the Airport at 5 hours). (Gale)
- b) Assisting the OWNER in the preparation and processing of FAA Requests for Grant Reimbursements. It is assumed that twelve (12) each will be prepared as part of this project. (Gale)
- c) Processing invoices of subconsultants. (Gale)
- d) Retaining records and a filing system for three (3) years after submission of the final payment request. (Gale)
- e) Compiling and reporting the project-related contract information and DBE participation via the FAA's online 'Civil Rights Connect' system. This reporting will include information related to both prime and subcontractors, for both DBE and non-DBE firms. Information to be reported includes, but is not limited to: contract values, contract award dates, values of actual payments, dates of actual payments, and basic DBE firm information (name, address, DBE type, NAICS code[s], etc.). Should a DBE shortfall be reported, the ENGINEER will provide the required justification and/or describe an action plan to correct the shortfall in future fiscal year(s). (Gale)
- f) Assisting the OWNER in preparing a close-out report, annual financial report, and other related documentation required by the FAA, and/or MassDOT/AD. (Gale)

ARTICLE E- CONSTRUCTION ADMINISTRATION

(Not used in this Agreement)

ARTICLE F- TECHNICAL OBSERVATION OF CONSTRUCTION

(Not used in this Agreement)

ARTICLE G- SCHEDULE

A tentative schedule for the execution of the above-mentioned engineering services will be established at the project scoping meeting. The CONSULTANT shall not be required to start work until a completed, signed and approved AGREEMENT is received by all parties. If so ordered in writing by the OWNER, the CONSULTANT may begin the AGREEMENT work prior to receiving a completed AGREEMENT.

Project Schedule

Scoping Meeting	April 2020
Contract Negotiations.....	April 2020
Grant Application.....	May 2020
Environmental Assessment.....	November 2020
Project Closeout.....	March 2021



Charles D. Baker, Governor
 Karyn E. Polito, Lieutenant Governor
 Stephanie Pollack, Secretary & CEO
 Jeffrey DeCarlo, Administrator



Application for Assistance
 MassDOT Form AD1 (Last Modified: April 2017)

1. DATE SUBMITTED: April 22, 2020		AIRPORT: Chatham Municipal Airport	
<input checked="" type="checkbox"/> APPLICATION	<input type="checkbox"/> CONSTRUCTION	CITY: Chatham, MASSACHUSETTS	
<input type="checkbox"/> PRE APPLICATION	<input checked="" type="checkbox"/> PLANNING	<input checked="" type="checkbox"/> PUBLIC	<input type="checkbox"/> PRIVATE
MASSACHUSETTS AIRPORT SYSTEM PLAN (MASP) AIRPORT RANKING:			
AIRPORT CONSULTANT: Gale Associates, Inc. – 15 Constitution Drive – Bedford, NH 03110			
CONGRESSIONAL DISTRICT: 9 th			

2. PROJECT TITLE	Environmental Assessment and Vegetation Management Plan AIP No. 3-25-0015-25-2020
PROJECT DESCRIPTION	
<p>The Chatham Municipal Airport is in the process of completing an update to its Airport Master Plan and Airport Layout Plan to review the adequacy of the Airport's landside and airside facilities with respect to compliance with Federal Aviation Administration (FAA) design standards and ability to address the needs of the Airport through the planning period. Prior to implementing any of the proposed projects resulting from recommendations made in the Master Plan, the Airport must implement an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures. The Environmental Assessment will describe proposed actions, state the purpose and need for said actions, present project alternatives, describe the environmental conditions of potentially affected areas, and discuss environmental impacts of each alternative. Projects to be explored as part of this Environmental Assessment could include, but are not necessarily limited to, easement acquisitions for the removal of airspace obstructions, vegetative and manmade obstruction removal in approaches and primary surface, administration building rehabilitation or construction, hangar building construction, and fuel facility construction.</p> <p>This project will also include the preparation of a Vegetation Management Plan to satisfy Massachusetts Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n) 1 Limited Project Status, and a complete Part 77 airspace analysis to identify obstructions contained within the primary, transitional, horizontal and conical surfaces, not included in the 2018 airspace analysis, which included Part 77 approach surfaces only.</p>	
Attach an 8.5 x 11" sketch showing the location of the project	Logan Office Center, One Harborside Drive, Suite 205N East Boston, MA 02128



3. PROJECT COST BREAKDOWN				
	AIP ELIGIBLE	ASMP ELIGIBLE	INELIGIBLE	TOTAL
ENGINEERING	\$342,000.00			\$342,000.00
CONSTRUCTION				
EQUIPMENT				
OTHER				
ADMINISTRATION	\$5,000.00			\$5,000.00
TOTAL PROJECT COST	\$347,000.00			\$347,000.00

4. PROJECT FUNDING BREAKDOWN				
	AIP ELIGIBLE	ASMP ELIGIBLE	INELIGIBLE	TOTAL
FAA SHARE	\$312,300.00			\$312,300.00
LOCAL SHARE	\$0.00			\$0.00
STATE SHARE	\$0.00			\$0.00
CARES Act	34,700.00			34,700.00
TOTAL PROJECT COST	\$347,000.00			\$347,000.00

5. PROJECT SCHEDULE:						
START DATE: June 2020				COMPLETION DATE: April 2021		
6. PROJECT COST EXPENDITURE SCHEDULE						
CALENDAR YEAR	FISCAL YEAR	QUARTER	FAA	LOCAL	STATE	TOTAL
2020	2021	1 st (Jul. – Sep.)	\$ 130,125.00	\$0.00	\$0.00	\$ 130,125.00
2020	2021	2 nd (Oct. – Dec.)	\$ 130,125.00	\$0.00	\$0.00	\$ 130,125.00
2021	2021	3 rd (Jan. – Mar.)	\$ 43,375.00	\$0.00	\$0.00	\$ 43,375.00
2021	2021	4 th (Apr. – Jun.)	\$ 43,375.00	\$0.00	\$0.00	\$ 43,375.00

7. OTHER INFORMATION				YES	NO	N/A
IS PROJECT REFLECTED IN STATE CAPITAL IMPROVEMENT PROGRAM (CIP)?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IS PROJECT REFLECTED IN FEDERAL CAPITAL IMPROVEMENT PROGRAM (CIP)?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IS PROJECT REFLECTED IN AIRPORT MASTER PLAN (AMP)?				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IS PROJECT REFLECTED IN AIRPORT LAYOUT PLAN (ALP)?				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DOES PROJECT CORRECT INSPECTION DEFICIENCY?				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

8. SPONSOR CERTIFICATIONS				YES	NO	N/A
1. SPONSOR WILL COMPLY/HAS COMPLIED WITH THE MASSACHUSETTS GENERAL LAWS FOR THE PROCUREMENT OF GOODS AND SERVICES.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SPONSOR WILL OBTAIN/HAS OBTAINED ALL ENVIRONMENTAL PERMITS FOR THE PROJECT.				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. SPONSOR WILL MEET/HAS MET M/W/DBE REQUIREMENTS FOR THE PROJECT. ENTER ANTICIPATED % M/W/DBE PARTICIPATION: <u>1.7%</u>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. SPONSOR WILL ASSURE/HAS ASSURED THAT ALL NECESSARY SAFETY PRECAUTIONS HAVE BEEN TAKEN FOR CONSTRUCTION ON THE AIRPORT.				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. SPONSOR WILL NOTIFY/HAS NOTIFIED ALL AIRPORT USERS OF PROPOSED PROJECT.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. SPONSOR WILL HAVE/DOES HAVE AVAILABLE FUNDS FOR LOCAL SHARE OF PROJECT.				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. TITLE	SIGNATURE	DATE
AIRPORT CONSULTANT	Matthew P. Caron, AICP 	4/22/2020
AIRPORT COMMISSION CHAIRMAN	Peter Donovan 	4/23/20
MASSDOT - AERONAUTICS DIVISION DIRECTOR OF AVIATION PLANNING	Denise J. Garcia	
MASSDOT - AERONAUTICS DIVISION DIRECTOR OF AIRPORT ENGINEERING	Thomas F. Mahoney, P.E.	
MASSDOT - AERONAUTICS DIVISION ADMINISTRATOR	Dr. Jeff DeCarlo	

10. MASSDOT - AERONAUTICS DIVISION COMMENTS

Supplemental Narrative
 Application for AIP Grant
 Environmental Assessment and Vegetation Management Plan
 AIP No. 3-25-0015-25-2020 (Pending)
 Chatham Municipal Airport
 Chatham, Massachusetts

May 1, 2020
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Project Description

The Chatham Municipal Airport is in the process of completing an update to its Airport Master Plan and Airport Layout Plan to review the adequacy of the Airport’s landside and airside facilities with respect to compliance with Federal Aviation Administration (FAA) design standards and ability to address the needs of the Airport through the planning period. Prior to implementing any of the proposed projects resulting from recommendations made in the Master Plan, the Airport must implement an Environmental Assessment in accordance with FAA Order 1050.1F, Environmental Impacts: Policies and Procedures. The Environmental Assessment will describe proposed actions, state the purpose and need for said actions, present project alternatives, describe the environmental conditions of potentially affected areas, and discuss environmental impacts of each alternative. Projects to be explored as part of this Environmental Assessment could include, but are not necessarily limited to, easement acquisitions for the removal of airspace obstructions, vegetative and manmade obstruction removal in approaches and primary surface, administration building rehabilitation or construction, hangar building construction, and fuel facility construction.

This project will also include the preparation of a Vegetation Management Plan to satisfy Massachusetts Department of Environmental Protection (MassDEP) Wetland Protection Act Regulations 310 CMR 10.53(3)(n)1 Limited Project Status, and a complete Part 77 airspace analysis to identify obstructions contained within the primary, transitional, horizontal and conical surfaces, not included in the 2018 airspace analysis, which included Part 77 approach surfaces only.

Cost Breakdown of Major Work Items

The project cost summary is presented in the table below.

Description	Fee
Planning/Engineering	\$342,000.00
Sponsor Administration	\$5,000.00
Total Project Cost	\$347,000.00

FAA Share (100%)	\$347,000.00
MassDOT Share (0.0%)	\$0.00
Local Share (0.0%)	\$0.00

Project Schedule

Scoping Meeting ----- March 2020
 Contract Negotiation and Grant Application ----- May 2020
 Public Introductory Meeting ----- June 2020

Supplemental Narrative
Application for AIP Grant
Environmental Assessment and Vegetation Management Plan
AIP No. 3-25-0015-25-2020 (Pending)
Chatham Municipal Airport
Chatham, Massachusetts

May 1, 2020
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Aerial Survey of Part 77 Surfaces -----July 2020
Archaeological Survey -----July 2020
Draft EA for Client Group Review -----October 2020
Draft VMP for Client Group Review -----October 2020
Public Meeting to Present Draft EA and VMP -----November 2020
Submission of Final EA to FAA ----- January 2021
Approved EA and VMP to Client Group ----- March 2021
Project Closeout ----- April 2021

Environmental Status Statement

This project is categorically excluded from further review under NEPA per FAA Order 1050.1F paragraph 5-6.1(o). This project was reviewed and identified as not resulting in a significant environmental effect as it is an action that is either administrative or general in nature that does not imply project commitment.

Statement of Disadvantaged Business Enterprise Status

The Chatham Municipal Airport has an overall DBE Participation goal of 1.7% for FAA-funded projects during the three-year period of FY2018- 2020. The airport’s DBE plan has been approved by the FAA.

Coordination with State Agency

By signing this application, I hereby certify that Coordination with MassDOT has occurred through various means.

**NOTICE TO AIRPORT USERS
CHATHAM MUNICIPAL AIRPORT**

**Chatham, Massachusetts
April 2020**

The Chatham Airport Commission is seeking federal and state assistance to fund a project entitled:

Environmental Assessment and Vegetation Management Plan

Copies of the Federal Aviation Administration and Massachusetts Department of Transportation- Aeronautics Division grant applications are on file at the Airport Manager's Office at the Administration Building located at the Chatham Municipal Airport (240 George Ryder, Chatham, MA) and are available for public review. Please direct questions to Peter Donovan, Airport Commission Chairman, at (508) 348-4151.

Peter Donovan
Airport Commission Chairman
Chatham Airport Commission