

RAM

0 JUN09'23 #11:32 RCU



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



87

William Cass, P.E.
Commissioner

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

Bureau of Aeronautics
June 1, 2023

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

REQUESTED ACTION

Authorize the Department of Transportation to **retroactively** award a grant to the City of Manchester (Vendor 177433), AIP-142 to rehabilitate portions of Runway 6/24 and Taxiway J at the Manchester-Boston Regional Airport. State and Federal participation in the amount of \$2,796,420 is effective upon Governor and Council approval through May 25, 2027. 95% Federal Funds, 5% State Funds.

Funding is available as follows: FY 2023

04-96-96-960030-1335
FAA Projects
034-500161 New Construction \$2,796,420

EXPLANATION

The Federal Aviation Administration (FAA) has **retroactively** awarded a grant for \$2,649,240 (copy attached), which represents 90% of the funding from the Bipartisan Infrastructure Law (funding from BIL is being channeled through the FAA AIP program for airport improvements). AIP-142 funding will rehabilitate portions of Runway 6/24 (approx. 4,740 LF) and rehabilitate Taxiway J (approx. 200 LF) at the Manchester-Boston Regional Airport.

During the FAA Airport Federal Aviation Regulations (FAR) Part 139 safety inspection it was determined that Runway 6/24 would not withstand having full-time heavy aircraft operations while Runway 17/35 was closed for rehabilitation (G&C approval Nov. 22, 2022, item #47). Areas of deteriorating pavement were identified on Runway 6/24 during the safety inspection. These portions of Runway 6/24 needed to be rehabilitated in advance of shutting down Runway 17/35 for construction. The work planned for the intersection of these two runways meant that both runways would be closed to all aircraft operations for a limited period of time, requiring this work to be done in cooler weather to speed the reopening of Runway 6/24 while Runway 17/35 remained closed for construction work. The delays in federal funding for the rehabilitation of Runway 6/24 and the construction timing requirements meant that the work on Runway 6/24 needed to be done **retroactively** to grant issuance and G&C approval.

This project will rehabilitate various portions of Runway 6/24 and Taxiways K, H (previously both a portion of Taxiway J) and J. This work includes pavement, pavement patches, mill and overlays, pavement grooving, seal coat, crack repairs and pavement markings.

The project also includes electrical improvements such as the replacement of in-pavement lights in new pavement on Runway 24; replacement of pavement temperature and moisture sensors on Runway 6; and upgrades to the Runway Weather Information System (RWIS).

The Department of Transportation accepts the Federal Funds in the amount of \$2,649,240 (90% of this project) for this project as a pass through to the City of Manchester in accordance with RSA 422:15. State participation in the amount of \$147,180 (5% of this project) is also requested. The City of Manchester will participate in the amount of \$147,180 (5% of this project). Total cost of the project (including State and Local matching shares) is \$2,943,600.

This project was placed out to bid and three qualified bids were received, and Pike Industries submitted the low bid for this project.

The project breakdown is as follows:

Sponsor Administration	\$ 313
Preliminary Expenses (Jacobs)	\$ 4,500
Engineering Fees (Jacobs)	\$ 249,945
Construction (Pike Industries)	\$ 2,624,042
Miscellaneous (Cost for airport personnel to escort contractor while on the airside)	<u>\$ 64,800</u>
Total Project	\$ 2,943,600

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

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

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

Sincerely,



William Cass, P.E.
Commissioner

Attachments
WC/tlsl

Jacobs

Project: PARTIAL REHABILITATION OF RUNWAY 6-2

Location: MANCHESTER - BOSTON REGIONAL AIRPORT
MANCHESTER, NEW HAMPSHIRE

Bid Tabulation - Bids Opened on December 22, 2022 at 2:00 PM

Item No.	BASE BID Description	Unit	Quantity	Jacobs Engineering		Pike Industries		Continental Paving		Rifenburg Construction	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
G-002-1	As-Built Plans	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 52,540.50	\$ 52,540.50
G-003-1	Gate Guard Allowance	ALLOW	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
G-004-1	Maintenance and Protection of Traffic	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 95,000.00	\$ 95,000.00	\$ 25,000.00	\$ 25,000.00	\$ 325,000.00	\$ 325,000.00
G-004-2	Contractor's Safety Plan Compliance Document	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 100,000.00	\$ 100,000.00	\$ 20,000.00	\$ 20,000.00	\$ 75,000.00	\$ 75,000.00
C-100-1	Contractor Quality Control Program (CQCP)	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 20,000.00	\$ 20,000.00	\$ 120,000.00	\$ 120,000.00
C-105-1	Mobilization (3% Max.)	LS	1	\$ 78,825.00	\$ 78,825.00	\$ 75,000.00	\$ 75,000.00	\$ 55,000.00	\$ 55,000.00	\$ 86,500.00	\$ 86,500.00
M-001-1	Construction Access Modifications	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
P-101-1	Crack Repair - Type IA	LF	4,616	\$ 7.20	\$ 32,503.20	\$ 1.50	\$ 6,772.50	\$ 1.20	\$ 5,418.00	\$ 3.00	\$ 13,545.00
P-101-2	Crack Repair - Type IC	LF	2,100	\$ 7.20	\$ 15,120.00	\$ 6.00	\$ 10,500.00	\$ 7.00	\$ 14,700.00	\$ 3.30	\$ 6,930.00
P-101-3	Crack Repair - Type ID	SY	470	\$ 9.90	\$ 4,653.00	\$ 22.90	\$ 10,340.00	\$ 7.00	\$ 3,225.00	\$ 101.00	\$ 47,470.00
P-101-4	Crack Seal	LF	4,616	\$ 7.20	\$ 32,503.20	\$ 1.50	\$ 6,772.50	\$ 1.20	\$ 5,418.00	\$ 3.00	\$ 13,545.00
P-101-5	Cold Milling - 4" Depth	SY	39,968	\$ 4.40	\$ 175,824.00	\$ 8.20	\$ 207,792.00	\$ 4.00	\$ 159,840.00	\$ 2.60	\$ 99,900.00
P-101-6	Cold Milling - 2" Depth	SY	1,290	\$ 4.40	\$ 5,632.00	\$ 8.00	\$ 10,240.00	\$ 10.00	\$ 12,800.00	\$ 3.60	\$ 4,460.00
P-101-7	Cold Milling - 1" Depth	SY	2,000	\$ 4.40	\$ 8,800.00	\$ 3.15	\$ 6,300.00	\$ 10.00	\$ 20,000.00	\$ 6.00	\$ 12,000.00
P-401-1	Asphalt Surface Course	TON	18,418	\$ 128.00	\$ 2,249,800.00	\$ 108.00	\$ 1,993,575.00	\$ 130.00	\$ 1,353,950.00	\$ 120.00	\$ 1,249,800.00
P-603-1	Emulsified Asphalt Tack Coat	GAL	8,120	\$ 3.90	\$ 31,668.00	\$ 6.00	\$ 32,480.00	\$ 6.00	\$ 48,720.00	\$ 4.25	\$ 34,510.00
P-605-1	Sew and Seal Pavement Joints	LF	21,630	\$ 6.80	\$ 142,758.00	\$ 1.75	\$ 37,852.50	\$ 7.20	\$ 155,736.00	\$ 1.75	\$ 37,852.50
P-608-R-1	Asphalt Surface Treatment	SY	73,555	\$ 4.40	\$ 323,642.00	\$ 3.15	\$ 233,904.90	\$ 3.85	\$ 283,186.75	\$ 2.75	\$ 202,276.25
P-608-R-2	Pavement Marking Protection	SY	11,200	\$ 4.40	\$ 49,280.00	\$ 1.00	\$ 11,200.00	\$ 1.15	\$ 12,880.00	\$ 2.60	\$ 28,000.00
P-620-1	Runway and Taxiway Marking - Color	SF	42,768	\$ 1.70	\$ 72,705.60	\$ 2.15	\$ 91,944.75	\$ 2.30	\$ 96,359.50	\$ 2.15	\$ 91,944.75
P-620-2	Runway and Taxiway Marking - Black Borders	SF	2,305	\$ 1.40	\$ 3,227.00	\$ 2.00	\$ 4,610.00	\$ 0.90	\$ 2,074.50	\$ 1.95	\$ 4,494.75
P-620-3	Removal of Markings	SF	7,690	\$ 1.40	\$ 10,626.00	\$ 1.90	\$ 14,421.00	\$ 2.00	\$ 15,180.00	\$ 1.75	\$ 13,282.50
P-621-1	Saw-Cut Grooves - Runway 6	SY	26,000	\$ 2.30	\$ 59,800.00	\$ 2.80	\$ 67,600.00	\$ 3.40	\$ 68,400.00	\$ 2.60	\$ 67,600.00
P-621-2	Saw-Cut Grooves - Runway 24	AL	1	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00	\$ 11,600.00
L-105-1	Temporary Lighting	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 27,500.00	\$ 27,500.00	\$ 36,000.00	\$ 36,000.00	\$ 13,000.00	\$ 13,000.00
L-108-1	No. 8 AWG, 5kV, L-524, Type C Cable, Installed in Duct Bank or Conduit	LF	600	\$ 3.75	\$ 3,000.00	\$ 2.15	\$ 1,270.00	\$ 2.40	\$ 1,820.00	\$ 4.00	\$ 3,200.00
L-108-2	No. 8 AWG, Solid, Bare Copper Counterpoise Wires, Installed Above the Duct Bank or Conduit, Including Connections/Terminations	LF	448	\$ 2.75	\$ 1,210.00	\$ 2.80	\$ 1,100.00	\$ 3.00	\$ 1,320.00	\$ 4.00	\$ 1,760.00
L-108-3	3/4" Dia x 10' Copper Clad Steel Ground Rod	EA	2	\$ 220.00	\$ 440.00	\$ 175.00	\$ 350.00	\$ 200.00	\$ 400.00	\$ 25.00	\$ 50.00
L-110-1	Concrete Encased Schedule 40 PVC Electrical Conduit, 1-Way 2-inch, In Existing Pavement	LF	420	\$ 60.00	\$ 21,000.00	\$ 55.00	\$ 23,100.00	\$ 60.00	\$ 25,200.00	\$ 60.00	\$ 21,000.00
L-110-2	Concrete Encased Schedule 40 PVC Drainage Conduit, 1-Way 2-inch, In Existing Pavement	LF	300	\$ 55.00	\$ 16,500.00	\$ 55.00	\$ 16,500.00	\$ 60.00	\$ 18,000.00	\$ 60.00	\$ 18,000.00
L-125-1	Existing In-Pavement Runway Light Installed on New Base Can	EA	8	\$ 8,000.00	\$ 48,000.00	\$ 6,000.00	\$ 48,000.00	\$ 6,000.00	\$ 52,800.00	\$ 5,000.00	\$ 40,000.00
L-140-1	Runway Pavement Surface Sensor	EA	3	\$ 11,500.00	\$ 34,500.00	\$ 16,000.00	\$ 48,000.00	\$ 18,500.00	\$ 55,800.00	\$ 11,000.00	\$ 34,500.00
L-140-2	Runway Weather Information System Upgrades and Commissioning	AL	1	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
L-140-3	Installation of Rooftop Weather Sensor	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 8,000.00	\$ 8,000.00	\$ 9,000.00	\$ 9,000.00	\$ 8,300.00	\$ 8,300.00
BASE BID SUBTOTAL					\$ 2,705,259.60		\$ 2,456,914.15		\$ 2,781,885.78		\$ 2,627,210.00
ADDITIVE ALTERNATE NO. 1 - SEAL COAT REMAINDER OF RUNWAY 24											
Item No.	Description	Unit	Quantity	Jacobs Engineering		Pike Industries		Continental Paving		Rifenburg Construction	
P-101-4	Crack Seal	LF	6,250	\$ 7.20	\$ 42,336.00	\$ 1.35	\$ 7,938.00	\$ 1.20	\$ 7,056.00	\$ 4.00	\$ 23,520.00
P-608-R-1	Asphalt Surface Treatment	SY	44,148	\$ 4.75	\$ 209,665.00	\$ 3.50	\$ 154,490.00	\$ 3.85	\$ 169,938.00	\$ 2.75	\$ 121,385.00
P-608-R-2	Pavement Marking Protection	SY	8,500	\$ 4.40	\$ 34,440.00	\$ 1.00	\$ 8,500.00	\$ 1.15	\$ 9,440.00	\$ 2.60	\$ 14,000.00
ADDITIVE ALTERNATE NO. 1 SUBTOTAL					\$ 278,641.00		\$ 168,628.00		\$ 163,436.00		\$ 158,905.00
GRAND TOTAL					\$ 2,981,910.60		\$ 2,624,942.15		\$ 2,936,320.78		\$ 2,786,115.00



U.S. Department
of Transportation
Federal Aviation
Administration

FY 2023 AIRPORT INFRASTRUCTURE GRANT

GRANT AGREEMENT

Part I - Offer

Federal Award Offer Date	May 26, 2023
Airport/Planning Area	Manchester Boston Regional Airport
Airport Infrastructure Grant Number	3-33-0011-142-2023
Unique Entity Identifier	L678RJK6JE86

TO: City of Manchester, NH
(herein called the "Sponsor")

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

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated January 19, 2023, for a grant of Federal funds for a project at or associated with the Manchester Boston Regional Airport, which is included as part of this Grant Agreement; and

WHEREAS, the FAA has approved a project for the Manchester Boston Regional Airport (herein called the "Project") consisting of the following:

Rehabilitate Portions of Runway 6/24 (Approx. 4,740 LF); and Rehabilitate Taxiway J (Approx. 200 LF), which is more fully described in the Project Application.

NOW THEREFORE, Pursuant to and for the purpose of carrying out the Infrastructure Investment and Jobs Act (Public Law 117-58) of 2021 referred to as the Bipartisan Infrastructure Law (BIL); and the representations contained in the Project Application; and in consideration of: (a) the Sponsor's adoption and ratification of the Grant Assurances attached hereto; (b) the Sponsor's acceptance of this Offer; and (c) the benefits to accrue to the United States and the public from the accomplishment of the Project and compliance with the Grant Assurance and conditions as herein provided;

THE FEDERAL AVIATION ADMINISTRATION, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay ninety (90) % of the allowable costs incurred accomplishing the Project as the United States share of the Project.

Assistance Listings Number (Formerly CFDA Number): 20.106

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

CONDITIONS

1. **Maximum Obligation.** The maximum obligation of the United States payable under this Offer is \$2,649,240.

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

\$ 0 for planning

\$ 2,649,240 airport development or noise program implementation; and,

\$ 0 for land acquisition.

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

- a. **Period of Performance:**

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

- b. **Budget Period:**

1. For this Grant is 4 years (1,460 calendar days) and follows the same start and end date as the Period of Performance provided in Paragraph 2(a)(1). Pursuant to 2 CFR § 200.403(h), a sponsor may charge to the Grant only allowable costs incurred up to the end of the Budget Period. Eligible project-related costs incurred on or after November 15, 2021 that comply with all Federal funding procurement requirements and FAA standards are allowable costs.
2. Means the time interval from the start date of a funded portion of an award to the end date of that funded portion during which the Sponsor is authorized to expend the funds awarded, including any funds carried forward or other revisions pursuant to 2 CFR § 200.308.

- c. **Close Out and Termination**

1. Unless the FAA authorizes a written extension, the Sponsor must submit all Grant closeout documentation and liquidate (pay-off) all obligations incurred under this award no later than 120 calendar days after the end date of the Period of Performance. If the Sponsor does not submit all required closeout documentation within this time period, the FAA will

proceed to close out the grant within one year of the period of performance end date with the information available at the end of 120 days. (2 CFR § 200.344).

2. The FAA may terminate this Grant, in whole or in part, in accordance with the conditions set forth in 2 CFR § 200.340, or other Federal regulatory or statutory authorities as applicable.
3. **Ineligible or Unallowable Costs.** The Sponsor must not include any costs in the project that the FAA has determined to be ineligible or unallowable.
4. **Indirect Costs - Sponsor.** The Sponsor may charge indirect costs under this award by applying the indirect cost rate identified in the project application as accepted by the FAA, to allowable costs for Sponsor direct salaries and wages.
5. **Determining the Final Federal Share of Costs.** The United States' share of allowable project costs will be made in accordance with 49 U.S.C. § 47109, the regulations, policies, and procedures of the Secretary, and any superseding legislation. Final determination of the United States' share will be based upon the final audit of the total amount of allowable project costs and settlement will be made for any upward or downward adjustments to the Federal share of costs.
6. **Completing the Project Without Delay and in Conformance with Requirements.** The Sponsor must carry out and complete the project without undue delays and in accordance with this Agreement, BIL (Public Law 117-58), the regulations, and the Secretary of Transportation's ("Secretary's") policies and procedures. Per 2 CFR § 200.308, the Sponsor agrees to report and request prior FAA approval for any disengagement from performing the project that exceeds three months or a 25 percent reduction in time devoted to the project. The report must include a reason for the project stoppage. The Sponsor also agrees to comply with the grant assurances, which are part of this Agreement.
7. **Amendments or Withdrawals before Grant Acceptance.** The FAA reserves the right to amend or withdraw this offer at any time prior to its acceptance by the Sponsor.
8. **Offer Expiration Date.** This offer will expire and the United States will not be obligated to pay any part of the costs of the project unless this offer has been accepted by the Sponsor **on or before June 26, 2023**, or such subsequent date as may be prescribed in writing by the FAA.
9. **Improper Use of Federal Funds.** The Sponsor must take all steps, including litigation if necessary, to recover Federal funds spent fraudulently, wastefully, or in violation of Federal antitrust statutes, or misused in any other manner for any project upon which Federal funds have been expended. For the purposes of this Grant Agreement, the term "Federal funds" means funds however used or dispersed by the Sponsor, that were originally paid pursuant to this or any other Federal grant agreement. The Sponsor must obtain the approval of the Secretary as to any determination of the amount of the Federal share of such funds. The Sponsor must return the recovered Federal share, including funds recovered by settlement, order, or judgment, to the Secretary. The Sponsor must furnish to the Secretary, upon request, all documents and records pertaining to the determination of the amount of the Federal share or to any settlement, litigation, negotiation, or other efforts taken to recover such funds. All settlements or other final positions of the Sponsor, in court or otherwise, involving the recovery of such Federal share require advance approval by the Secretary.
10. **United States Not Liable for Damage or Injury.** The United States is not responsible or liable for damage to property or injury to persons which may arise from, or be incident to, compliance with this Grant Agreement.

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

- a. Requirement for System for Award Management (SAM): Unless the Sponsor is exempted from this requirement under 2 CFR § 25.110, the Sponsor must maintain the currency of its information in the SAM until the Sponsor submits the final financial report required under this Grant, or receives the final payment, whichever is later. This requires that the Sponsor review and update the information at least annually after the initial registration and more frequently if required by changes in information or another award term. Additional information about registration procedures may be found at the SAM website (currently at <http://www.sam.gov>).
- b. Unique entity identifier (UEI) means a 12-character alpha-numeric value used to identify a specific commercial, nonprofit or governmental entity. A UEI may be obtained from SAM.gov at <https://sam.gov/content/entity-registration>.

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

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

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

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

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

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

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

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

17. **Build America, Buy American.** The sponsor must comply with the requirements under the Build America, Buy America Act (Public Law 117-58).

18. **Maximum Obligation Increase.** In accordance with 49 U.S.C. § 47108(b)(3), as amended, the maximum obligation of the United States, as stated in Condition No. 1, Maximum Obligation, of this Grant Offer:
- a. May not be increased for a planning project;
 - b. May be increased by not more than 15 percent for development projects if funds are available;
 - c. May be increased by not more than the greater of the following for a land project, if funds are available:
 1. 15 percent; or
 2. 25 percent of the total increase in allowable project costs attributable to acquiring an interest in the land.

If the sponsor requests an increase, any eligible increase in funding will be subject to the United States Government share as provided in BIL (Public Law 117-58), or other superseding legislation if applicable, for the fiscal year appropriation with which the increase is funded. The FAA is not responsible for the same Federal share provided herein for any amount increased over the initial grant amount. The FAA may adjust the Federal share as applicable through an informal letter of amendment.

19. **Audits for Sponsors.**

PUBLIC SPONSORS. The Sponsor must provide for a Single Audit or program-specific audit in accordance with 2 CFR Part 200. The Sponsor must submit the audit reporting package to the Federal Audit Clearinghouse on the Federal Audit Clearinghouse's Internet Data Entry System at <http://harvester.census.gov/facweb/>. Upon request of the FAA, the Sponsor shall provide one copy of the completed audit to the FAA. Sponsors that expend less than \$750,000 in Federal awards and are exempt from Federal audit requirements must make records available for review or audit by the appropriate Federal agency officials, State, and Government Accountability Office. The FAA and other appropriate Federal agencies may request additional information to meet all Federal audit requirements.

20. **Suspension or Debarment.** When entering into a "covered transaction" as defined by 2 CFR § 180.200, the Sponsor must:
- a. Verify the non-Federal entity is eligible to participate in this Federal program by:
 1. Checking the excluded parties list system (EPLS) as maintained within the System for Award Management (SAM) to determine if the non-Federal entity is excluded or disqualified; or
 2. Collecting a certification statement from the non-Federal entity attesting they are not excluded or disqualified from participating; or
 3. Adding a clause or condition to covered transactions attesting the individual or firm are not excluded or disqualified from participating.
 - b. Require prime contractors to comply with 2 CFR § 180.330 when entering into lower-tier transactions with their contractors and sub-contractors.
 - c. Immediately disclose in writing to the FAA whenever (1) the Sponsor learns they have entered into a covered transaction with an ineligible entity or (2) the Public Sponsor suspends or debars a contractor, person, or entity.

21. Ban on Texting While Driving.

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

22. Trafficking in Persons.

- a. *Posting of contact information.*
 1. The Sponsor must post the contact information of the national human trafficking hotline (including options to reach out to the hotline such as through phone, text, or TTY) in all public airport restrooms.
- b. *Provisions applicable to a recipient that is a private entity.*
 1. You as the recipient, your employees, subrecipients under this Grant, and subrecipients' employees may not:
 - i. Engage in severe forms of trafficking in persons during the period of time that the Grant and applicable conditions are in effect;
 - ii. Procure a commercial sex act during the period of time that the Grant and applicable conditions are in effect; or
 - iii. Use forced labor in the performance of the Grant or any subgrants under this Grant.
 2. We as the Federal awarding agency, may unilaterally terminate this Grant, without penalty, if you or a subrecipient that is a private entity –
 - i. Is determined to have violated a prohibition in paragraph (a) of this Grant Condition; or
 - ii. Has an employee who is determined by the agency official authorized to terminate the Grant to have violated a prohibition in paragraph (a) of this Grant Condition through conduct that is either –
 - a) Associated with performance under this Grant; or
 - b) Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are

provided in 2 CFR Part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR Part 1200.

- c. *Provision applicable to a recipient other than a private entity.* We as the Federal awarding agency may unilaterally terminate this Grant, without penalty, if a subrecipient that is a private entity –
1. Is determined to have violated an applicable prohibition in paragraph (a) of this Grant Condition; or
 2. Has an employee who is determined by the agency official authorized to terminate the Grant to have violated an applicable prohibition in paragraph (a) of this Grant Condition through conduct that is either –
 - i. Associated with performance under this Grant; or
 - ii. Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR Part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR Part 1200.
- d. *Provisions applicable to any recipient.*
1. You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph (a) of this Grant Condition.
 2. Our right to terminate unilaterally that is described in paragraph (a) or (b) of this Grant Condition:
 - i. Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended [22 U.S.C. § 7104(g)], and
 - ii. Is in addition to all other remedies for noncompliance that are available to us under this Grant.
 3. You must include the requirements of paragraph (a) of this Grant Condition in any subgrant you make to a private entity.
- e. *Definitions.* For purposes of this Grant Condition:
1. "Employee" means either:
 - i. An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this Grant; or
 - ii. Another person engaged in the performance of the project or program under this Grant and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.
 2. "Force labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.

3. "Private entity":
 - i. Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR § 175.25.
 - ii. Includes:
 - a) A nonprofit organization, including any nonprofit institute of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR § 175.25(b).
 - b) A for-profit organization.
 4. "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. § 7102).
23. **BIL Funded Work Included in a PFC Application.** Within 120 days of acceptance of this Grant Agreement, the Sponsor must submit to the FAA an amendment to any approved Passenger Facility Charge (PFC) application that contains an approved PFC project also covered under this Grant Agreement as described in the project application. The airport sponsor may not make any expenditure under this Grant Agreement until project work addressed under this Grant Agreement is removed from an approved PFC application by amendment.
24. **Exhibit "A" Property Map.** The Exhibit "A" Property Map dated August 28, 2019, is incorporated herein by reference or is submitted with the project application and made part of this Grant Agreement.
25. **Employee Protection from Reprisal.**
- a. Prohibition of Reprisals
 1. In accordance with 41 U.S.C. § 4712, an employee of a Sponsor, grantee, subgrantee, contractor, or subcontractor may not be discharged, demoted, or otherwise discriminated against as a reprisal for disclosing to a person or body described in subparagraph (a)(2) below, information that the employee reasonably believes is evidence of:
 - i. Gross mismanagement of a Federal grant;
 - ii. Gross waste of Federal funds;
 - iii. An abuse of authority relating to implementation or use of Federal funds;
 - iv. A substantial and specific danger to public health or safety; or
 - v. A violation of law, rule, or regulation related to a Federal grant.
 2. Persons and bodies covered. The persons and bodies to which a disclosure by an employee is covered are as follows:
 - i. A member of Congress or a representative of a committee of Congress;
 - ii. An Inspector General;
 - iii. The Government Accountability Office;
 - iv. A Federal employee responsible for contract or grant oversight or management at the relevant agency;
 - v. A court or grand jury;
 - vi. A management official or other employee of the Sponsor, contractor, or subcontractor who has the responsibility to investigate, discover, or address misconduct; or

- vii. An authorized official of the Department of Justice or other law enforcement agency.
 - b. Investigation of Complaints.
 - 1. Submission of Complaint. A person who believes that they have been subjected to a reprisal prohibited by paragraph (a) of this Condition may submit a complaint regarding the reprisal to the Office of Inspector General (OIG) for the U.S. Department of Transportation.
 - 2. Time Limitation for Submittal of a Complaint. A complaint may not be brought under this subsection more than three years after the date on which the alleged reprisal took place.
 - 3. Required Actions of the Inspector General. Actions, limitations, and exceptions of the Inspector General's office are established under 41 U.S.C. § 4712(b).
 - c. Remedy and Enforcement Authority.
 - 1. Assumption of Rights to Civil Remedy. Upon receipt of an explanation of a decision not to conduct or continue an investigation by the OIG, the person submitting a complaint assumes the right to a civil remedy under 41 U.S.C. § 4712(c)(2).
26. **Prohibited Telecommunications.** Sponsor agrees to comply with mandatory standards and policies relating to use and procurement of certain telecommunications and video surveillance services or equipment in compliance with the National Defense Authorization Act [Public Law 115-232 § 889(f)(1)] and 2 CFR § 200.216.

SPECIAL CONDITIONS

27. The FAA, in tendering this offer on behalf of the United States, recognizes the existence of an agency relationship between the City of Manchester, New Hampshire, as principal, and the New Hampshire Aeronautics Commission, as agent, created by an Agreement of Agency dated May 21, 1979, which is incorporated herein by reference and made a part hereof. The sponsor agrees that said Agreement of Agency will not be amended, modified or terminated without the prior written approval of the FAA.
28. **Lighting.** The Sponsor must operate and maintain the lighting system during the useful life of the system in accordance with applicable FAA standards.
29. **Pavement Maintenance Management Program.** The Sponsor agrees that it will implement an effective airport pavement maintenance management program as required by Airport Sponsor Grant Assurance 11, Pavement Preventive Maintenance-Management, which is codified at 49 U.S.C. § 47105(e). The Sponsor agrees that it will use the program for the useful life of any pavement constructed, reconstructed, or repaired with Federal financial assistance at the airport. The Sponsor further agrees that the program will:
- a. Follow the current version of FAA Advisory Circular 150/5380-6, "Guidelines and Procedures for Maintenance of Airport Pavements," for specific guidelines and procedures for maintaining airport pavements, establishing an effective maintenance program, specific types of distress and its probable cause, inspection guidelines, and recommended methods of repair;
 - b. Detail the procedures to be followed to assure that proper pavement maintenance, both preventive and repair, is performed;

c. Include a Pavement Inventory, Inspection Schedule, Record Keeping, Information Retrieval, and Reference, meeting the following requirements:

1. Pavement Inventory. The following must be depicted in an appropriate form and level of detail:
 - i. Location of all runways, taxiways, and aprons;
 - ii. Dimensions;
 - iii. Type of pavement; and,
 - iv. Year of construction or most recent major rehabilitation.
2. Inspection Schedule.
 - i. Detailed Inspection. A detailed inspection must be performed at least once a year. If a history of recorded pavement deterioration is available, i.e., Pavement Condition Index (PCI) survey as set forth in the Advisory Circular 150/5380-6, the frequency of inspections may be extended to three years.
 - ii. Drive-By Inspection. A drive-by inspection must be performed a minimum of once per month to detect unexpected changes in the pavement condition. For drive-by inspections, the date of inspection and any maintenance performed must be recorded.
3. Record Keeping. Complete information on the findings of all detailed inspections and on the maintenance performed must be recorded and kept on file for a minimum of five years. The type of distress, location, and remedial action, scheduled or performed, must be documented. The minimum information is:
 - i. Inspection date;
 - ii. Location;
 - iii. Distress types; and
 - iv. Maintenance scheduled or performed.
4. Information Retrieval System. The Sponsor must be able to retrieve the information and records produced by the pavement survey to provide a report to the FAA as may be required.

30. **Project Containing Paving Work in Excess of \$500,000.** The Sponsor agrees to:

- a. Furnish a construction management program to the FAA prior to the start of construction which details the measures and procedures to be used to comply with the quality control provisions of the construction contract, including, but not limited to, all quality control provisions and tests required by the Federal specifications. The program must include as a minimum:
 1. The name of the person representing the Sponsor who has overall responsibility for contract administration for the project and the authority to take necessary actions to comply with the contract;
 2. Names of testing laboratories and consulting engineer firms with quality control responsibilities on the project, together with a description of the services to be provided;

3. Procedures for determining that the testing laboratories meet the requirements of the ASTM International standards on laboratory evaluation referenced in the contract specifications (i.e., ASTM D 3666, ASTM C 1077);
 4. Qualifications of engineering supervision and construction inspection personnel;
 5. A listing of all tests required by the contract specifications, including the type and frequency of tests to be taken, the method of sampling, the applicable test standard, and the acceptance criteria or tolerances permitted for each type of test; and
 6. Procedures for ensuring that the tests are taken in accordance with the program, that they are documented daily, and that the proper corrective actions, where necessary, are undertaken.
- b. Submit at completion of the project, a final test and quality assurance report documenting the summary results of all tests performed and highlighting those tests that indicated failure or that did not meet the applicable test standard. The report must include the pay reductions applied and the reasons for accepting any out-of-tolerance material. Submit interim test and quality assurance reports when requested by the FAA.
 - c. Failure to provide a complete report as described above, or failure to perform such tests, will, absent any compelling justification, result in a reduction in Federal participation for costs incurred in connection with construction of the applicable pavement. Such reduction will be at the discretion of the FAA and will be based on the type or types of required tests not performed or not documented and will be commensurate with the proportion of applicable pavement with respect to the total pavement constructed under the Grant Agreement.
 - d. The FAA, at its discretion, reserves the right to conduct independent tests and to reduce grant payments accordingly if such independent tests determine that Sponsor test results are inaccurate.
31. **Force Account**. The Sponsor agrees that proposals to accomplish construction or engineering with the Sponsor's own personnel must receive approval from the FAA prior to the Sponsor incurring costs and that no reimbursement payments will be made on that portion of this Grant until the Sponsor has received FAA approval for the force account information.
 32. **Mothers' Rooms**. As a small, medium or large hub airport, the sponsor certifies it is in compliance with 49 U.S.C. § 47107(w).
 33. **Buy American Executive Orders**. The Sponsor agrees to abide by applicable Executive Orders in effect at the time this Grant Agreement is executed, including Executive Order 14005, Ensuring the Future Is Made in All of America by All of America's Workers.

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

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

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

**UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION**

Julie Seltsam-Wilps

Julie Seltsam-Wilps (May 26, 2023 09:46 EDT)

(Signature)

Julie Seltsam-Wilps

(Typed Name)

Deputy Director, Airports Division

(Title of FAA Official)

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

Part II - Acceptance

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

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

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

Dated May 26, 2023

City of Manchester, NH

(Name of Sponsor)

Theodore Kitchens

(Signature of Sponsor's Authorized Official)

By: Theodore Kitchens

(Typed Name of Sponsor's Authorized Official)

Title: Director of Aviation

(Title of Sponsor's Authorized Official)

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

CERTIFICATE OF SPONSOR'S ATTORNEY

I, Peter R. Chiesa, Esq. _____, acting as Attorney for the Sponsor do hereby certify:

That in my opinion the Sponsor is empowered to enter into the foregoing Grant Agreement under the laws of the State of New Hampshire. Further, I have examined the foregoing Grant Agreement and the actions taken by said Sponsor and Sponsor's official representative, who has been duly authorized to execute this Grant Agreement, which is in all respects due and proper and in accordance with the laws of the said State; the Infrastructure Investment and Jobs Act (Public Law 117-58) of 2021 referred to as the Bipartisan Infrastructure Law (BIL), Division J, Title VIII; and the representations contained in the Project Application. In addition, for grants involving projects to be carried out on property not owned by the Sponsor, there are no legal impediments that will prevent full performance by the Sponsor. Further, it is my opinion that the said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

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

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

Dated at May 26, 2023

By: Peter R. Chiesa, Esq.
Peter R. Chiesa, Esq. (May 26, 2023 13:33 EDT)

(Signature of Sponsor's Attorney)

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