

ATTACHMENT 5
Overall DBE Three-Year Goal Methodology

Name of Recipient: Nashua Airport Authority owner of Nashua Airport.

Goal Period: FY-2024-2025-2026 (October 1, 2023 through September 30, 2026)

DOT-assisted contract amount: FY-2024	\$ 480,000.00
FY-2025	\$ 390,000.00
FY-2026	\$ 300,000.00
Total	\$1,170,000.00

Overall Three-Year Goal: 2.21%, to be accomplished through 2.21% Race Neutral and 0% Race Conscious

Total dollar amount to be expended on DBEs: \$25,839.52

Describe the Number and Type of Contracts that the airport anticipates awarding:

FFY-2024 Projects

- 1) AWOS Relocation – \$200,000
- 2) Acquire Land in RPZ – \$20,000.00 (Consulting Fee – Does not include land costs)
- 3) Centerline Crack Sealing and RSA Repairs – \$260,000.00

FFY-2025 Projects

- 4) Reconstruct Apron - Phase I Design – \$350,000.00
- 5) Purchase Aircraft Deicing Equipment – \$20,000.00 (Consulting Fee – Does not include equipment costs)
- 6) Purchase SRE (Broom, Blower & Chassis) – \$20,000.00 (Consulting Fee – Does not include equipment costs)

FFY-2026 Projects

- 7) Replace or Remove Hazard Beacons – \$300,000.00

Detailed goal calculations for each project have been provided in the spreadsheets at the end of this section.

Market Area: The Authority defines its market area as the County of Hillsborough, New Hampshire, as well as neighboring counties in New Hampshire and Massachusetts

Step 1. 26.45(c) Actual relative availability of DBEs

Pursuant to 49CFR 26.45, the Authority has used the following methodology to determine the baseline figure for its 2021-2023 DBE goal. The Authority has used the most recent (2020) US Census data and the NHDOT Directory of Certified Businesses to determine the number of ready, willing, and able DBEs in the market area.

For each area of work, the total number of DBEs within the market area (with adjustments for specific work categories) found in the NHDOT DBE Directory is divided by the total number of all firms found

through analysis of the (2020) US Census data for the market area to arrive at the percentage of DBE firms that are ready, willing, and able to perform contract work.

In order to determine the expected DBE participation in dollars, the estimated contracting dollars for each area of work is multiplied by the percentage of firms that are ready, willing, and able to perform contract work. To establish the DBE project goal, the overall projected DBE participation (in dollars) is divided by the estimated total project costs. This is the base goal for each project.

To determine the overall base figure for more than one project, the sum of all the dollars expected to be spent on DBE participation is divided by the estimated total of all project costs. This number is the overall base goal for the Airport. A breakdown of all mathematical calculations is provided in the table at the end of this section.

Step 2. 26.45(d): Adjustments to Step 1 base figure.

No adjustment was made to the Step 1 base figure; therefore, the Authority is adopting the Step 1 base figure as its overall goal for this three-year goal period.

26.51(b) (1-9): Breakout of Estimated “Race and Gender Neutral” (Race Neutral) and “Race and Gender Conscious” (Race Conscious) Participation.

The Authority will meet the maximum feasible portion of its overall goal by using Race Neutral means of facilitating DBE participation., including but not limited to the following:

- Arranging solicitations, times for the presentation of bids, quantities, specifications, and delivery schedules in ways that facilitates DBE, and other small businesses, participation;
- Relaying information regarding contracting procedures and specific contract opportunities;
- Providing services to help DBEs and other small businesses improve long-term development, increase opportunities to participate in a variety of kinds of work, handle increasingly significant projects, and achieve eventual self-sufficiency;
- Ensuring distribution of DBE directory, through electronic means, to the widest feasible universe of potential prime contractors;

The Authority will meet the maximum feasible portion of its overall goal by using Race Neutral means of facilitating DBE participation.

The Authority estimates that in meeting its overall goal of 2.21%. It will obtain 2.21% from Race Neutral participation and 0% through Race Conscious measures.

The Authority will adjust the estimated breakout of Race Neutral and Race Conscious DBE participation as needed to reflect actual DBE participation (see Section 26.51(f)) and track and report Race Neutral and Race Conscious participation separately. For reporting purposes, Race Neutral DBE participation includes, but is not necessarily limited to, the following: DBE participation through a prime contract obtained through customary competitive procurement procedures; DBE participation through a subcontract on a prime contract that does not carry a DBE goal, DBE participation on a prime contract exceeding a contract goal and DBE participation through a subcontract from a prime contractor that did not consider a firm’s DBE status in making the award.

PUBLIC PARTICIPATION

Consultation: Section 26.45(g)(1).

In establishing the overall goal, the Authority provided for consultation and publication. This included consultation with minority, women's and general contractor groups, community organizations, and other officials or organizations which could be expected to have information concerning the availability of disadvantaged and non-disadvantaged businesses, the effects of discrimination on opportunities for DBEs, and the Authority's efforts to establish a level playing field for the participation of DBEs. The consultation included outreach seeking to schedule, direct, interactive exchange with as many interested stakeholders as possible focused on obtaining information relevant to the Authority's goal setting process, and it occurred before its goal methodology was submitted to the operating administration for review pursuant. Details of the consultation are as follows:

Before finalizing the overall goal, the Authority reached out to the Greater New England Minority Supplier Development Council, Women's Business Enterprise National Council, Center for Women & Enterprise, and Nashua Chamber of Commerce without limiting consultation to these persons or groups, to obtain information concerning the availability of disadvantaged and non-disadvantaged businesses, the effects of discrimination on opportunities for DBEs, and the Authority's efforts to establish a level playing field for the participation of DBEs.

A virtual meeting focused on obtaining information relevant to the goal setting process will be held on March 8, 2024, from 9:00 AM to 9:30 AM. Any comments received as a result of consultation will be provided in this section.

Notwithstanding paragraph (f)(4) of this section, the Commission will not implement its proposed goal until it has complied with this requirement.

A notice of the proposed goal was published on the Airport's official internet website before the methodology was submitted to the FAA. If the proposed goal changes following review by the FAA, the revised goal will be posted on the official internet website. The notice and DBE Plan can be viewed using the link below:

<http://www.nashuaairport.com/construction---planning.html>

The language used for the public notice on the Airport's website is provided below:

"The Nashua Airport Authority hereby announces its goal of 2.21% for Disadvantaged Business Enterprise (DBE) participation on Airport Improvement Program (AIP) contracts at the Nashua Airport for federal fiscal years 2024 through 2026. The Airport's proposed goal, rationale, and DBE Program Document are available using the following links: ASH 2024-2026 DBE Program, ASH 2024-2026 DBE Goal Calculation. A virtual meeting to discuss the Airport's DBE goal and rationale will be held on March 8, 2024, from 9:00 AM to 9:30 AM. Parties interested in participating in the virtual meeting must contact Jacklyn Marks, Airport Planner, via email at jcm@gainc.com or phone at 603-471-1887 so that a meeting link can be provided. This meeting is open to the public."

CONTRACT GOALS

The Authority will use contract goals to meet any portion of the overall goal that it does not project being able to meet using Race Neutral means. Contract goals are established so that, over the period to which the overall goal applies, they will cumulatively result in meeting any portion of the Authority's overall goal that is not projected to be met through the use of Race Neutral means.

The Authority will establish contract goals only on those DOT-assisted contracts that have subcontracting possibilities. It need not establish a contract goal on every such contract, and the size of the contract goals will be adapted to the circumstances of each such contract (e.g., type and location of work and availability of DBEs to perform the particular type of work).

The Authority will express its contract goals as a percentage of the total amount of a DOT-assisted contract.

STEP 1: CALCULATION OF GOAL

YEAR 1 GOAL CALCULATION (2024)

2024 Project Name: AWOS Relocation

Eligible Project Costs
\$200,000.00

DBE Participation	
in dollars	in percentage
\$2,531.09	1.27%

PROJECT DBE PARTICIPATION GOAL

2024 Project Name: Acquire Land in RPZ

Eligible Project Costs
\$20,000.00

DBE Participation	
in dollars	in percentage
\$226.20	1.13%

PROJECT DBE PARTICIPATION GOAL

2024 Project Name: Centerline Crack Sealing and RSA Repairs

Eligible Project Costs
\$260,000.00

DBE Participation	
in dollars	in percentage
\$10,737.61	4.13%

PROJECT DBE PARTICIPATION GOAL

Year 1 total Projects (2024)
\$480,000.00

Year 1 Goal (2024)	
in dollars	in percentage
\$13,494.90	2.81%

YEAR 2 GOAL CALCULATION (2025)

2025 Project Name: Reconstruct Apron - Phase I Design

Eligible Project Costs
\$350,000.00

DBE Participation	
in dollars	in percentage
\$8,652.90	2.47%

PROJECT DBE PARTICIPATION GOAL

2025 Project Name: Purchase Aircraft Deicing Equipment

Eligible Project Costs
\$20,000.00

DBE Participation	
in dollars	in percentage
\$226.20	1.13%

PROJECT DBE PARTICIPATION GOAL

2025 Project Name: Purchase SRE (Broom, Blower & Chassis)

Eligible Project Costs
\$20,000.00

DBE Participation	
in dollars	in percentage
\$226.20	1.13%

PROJECT DBE PARTICIPATION GOAL

Year 2 total Projects (2025)
\$390,000.00

Year 2 Goal (2025)	
in dollars	in percentage
\$9,105.30	2.33%

YEAR 3 GOAL CALCULATION (2026)

2026 Project Name: Replace or Remove Hazard Beacons

Eligible Project Costs
\$300,000.00

DBE Participation	
in dollars	in percentage
\$3,239.32	1.08%

PROJECT DBE PARTICIPATION GOAL

Year 3 total Projects (2026)
\$300,000.00

Year 3 Goal (2026)	
in dollars	in percentage
\$3,239.32	1.08%

TOTAL FOR ALL NASHUA AIRPORT PROJECTS

Total FY-2024-2026 Projects
\$1,170,000.00

DBE Participation	
in dollars	in percentage
\$25,839.52	2.21%
	0.00%
\$25,839.52	2.21%

STEP 1: Calculation of Goal

STEP 2: Goal Adjustment (None)

\$25,839.52	2.21%	FINAL OVERALL AIRPORT DBE PARTICIPATION GOAL
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2024 Project Name: AWOS Relocation

Overall Project Cost: \$250,000.00
Eligible Project Costs: \$200,000.00

STEP 1: Calculation of Goal

Description of Services	NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars
Professional/Consultant Contract						
X Engineering and Management Services	541330	1061	12	1.13%	\$40,000.00	\$452.40
X Engineering Construction Phase Services	541330	1061	12	1.13%	\$152,000.00	\$1,719.13
X Survey (Land) Subconsultant	541370	89	4	4.49%	\$8,000.00	\$359.55
Reimbursible Agreement for AWOS Construction	NA	0	0		\$50,000.00	\$0.00
Subtotal					\$200,000.00	\$2,531.09
% DBE Participation						1.27%
Eligible Total					\$200,000.00	\$2,531.09
% Overall DBE Participation						1.27%

2024 Project Name: Acquire Land in RPZ

Overall Project Cost: \$190,000.00

Eligible Project Costs: \$20,000.00

STEP 1: Calculation of Goal

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars
Professional/Consultant Contract							
X	Engineering and Management Services	541330	1061	12	1.13%	\$20,000.00	\$226.20
						Subtotal	\$20,000.00
						% DBE Participation	1.13%
Independent Fee Estimate Contract							
	Engineering/Specialty Subconsultant - IFE	541330	1061	12	1.13%	\$0.00	\$0.00
						Subtotal	\$0.00
						% DBE Participation	0.00%
Non - Contributive Expenses							
	Sponsor Admin Fee	N/A	N/A	N/A	0%		\$0.00
	Acquisition of Parcel	N/A	N/A	N/A	0%	\$170,000.00	\$0.00
						Subtotal	\$170,000.00
						% DBE Participation	0.0%
						Overall Total	\$20,000.00
						% Overall DBE Participation	1.13%

2024 Project Name: Centerline Crack Sealing and RSA Repairs

Overall Project Cost: \$260,000.00
Eligible Project Costs: \$260,000.00

STEP 1: Calculation of Goal

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars	
Professional/Consultant Contract								
X	Engineering and Management Services	541330	1061	12	1.13%	\$96,000.00	\$1,085.77	
X	Engineering Construction Phase Services	541330	1061	12	1.13%	\$50,000.00	\$565.50	
	FAA Airways Facilities	NA	0	0			\$0.00	
						Subtotal	\$146,000.00	\$1,651.27
						% DBE Participation		1.13%

Independent Fee Estimate Contract								
X	Engineering/Specialty Subconsultant - IFE	541330	1061	12	1.13%	\$4,000.00	\$45.24	
						Subtotal	\$4,000.00	\$45.24
						% DBE Participation		1.13%

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars	
Construction								
X	Asphalt Paving	237310	146	12	8.22%	\$110,000.00	\$9,041.10	
	5% Contingency	NA	NA	NA	0.0%		\$0.00	
						Subtotal	\$110,000.00	\$9,041.10
						% DBE Participation		8.2%

Overall Total						\$260,000.00	\$10,737.61	
						% Overall DBE Participation		4.13%

2025 Project Name: Reconstruct Apron - Phase I Design

Overall Project Cost: \$350,000.00
Eligible Project Costs: \$350,000.00

STEP 1: Calculation of Goal

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars
Professional/Consultant Contract							
X	Engineering and Management Services	541330	1061	12	1.13%	\$255,000.00	\$2,884.07
X	Environmental Engineering, Compliance and Permitting Subconsu	541620	171	16	9.36%	\$45,000.00	\$4,210.53
X	Materials Testing (Soils Investigation) Subconsultant	541380	119	3	2.52%	\$15,000.00	\$378.15
X	Survey (Land) Subconsultant	541370	89	4	4.49%	\$25,000.00	\$1,123.60
	FAA Airways Facilities	NA	0	0			\$0.00
						Subtotal	\$340,000.00
							\$8,596.34
						% DBE Participation	2.5%
Independent Fee Estimate Contract							
X	Engineering/Specialty Subconsultant - IFE	541330	1061	12	1.13%	\$5,000.00	\$56.55
						Subtotal	\$5,000.00
							\$56.55
						% DBE Participation	1.13%
Non - Contributive Expenses							
X	Sponsor Admin Fee	N/A	N/A	N/A	0%	\$5,000.00	\$0.00
						Subtotal	\$5,000.00
							\$0.00
						% DBE Participation	0.0%
Overall Total						\$350,000.00	\$8,652.90
						% Overall DBE Participation	2.47%

2025 Project Name: Purchase Aircraft Deicing Equipment

Overall Project Cost: \$500,000.00

Eligible Project Costs: \$20,000.00

STEP 1: Calculation of Goal

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars	
Professional/Consultant Contract								
X	Engineering and Management Services	541330	1061	12	1.13%	\$20,000.00	\$226.20	
	Deicing Equipment Costs	NA	0	0		\$480,000.00	\$0.00	
						Subtotal	\$20,000.00	\$226.20
						% DBE Participation	1.13%	
						Overall Total	\$20,000.00	\$226.20
						% Overall DBE Participation	1.13%	

2025 Project Name: Purchase SRE (Broom, Blower & Chassis)

Overall Project Cost: \$500,000.00
Eligible Project Costs: \$20,000.00

STEP 1: Calculation of Goal

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars	
Professional/Consultant Contract								
X	Engineering and Management Services	541330	1061	12	1.13%	\$20,000.00	\$226.20	
X	SRE Equipment Costs					\$480,000.00	\$0.00	
						Subtotal	\$20,000.00	\$226.20
						% DBE Participation		1.13%
						Overall Total	\$20,000.00	\$226.20
						% Overall DBE Participation		1.13%

2026 Project Name: Replace or Remove Hazard Beacons

Overall Project Cost: \$300,000.00

Eligible Project Costs: \$300,000.00

STEP 1: Calculation of Goal

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars
Professional/Consultant Contract							
X	Engineering and Management Services	541330	1061	12	1.13%	\$120,000.00	\$1,357.21
X	Engineering Construction Phase Services	541330	1061	12	1.13%	\$140,000.00	\$1,583.41
Subtotal						\$260,000.00	\$2,940.62
% DBE Participation							1.1%

Description of Services		NAICS Code	Available Businesses*	Available DBEs**	% of Available DBEs	Project Costs	DBE Participation in Dollars
Construction							
X	Electrical Contractors (Electrical Installation)	238210	1607	12	0.75%	\$40,000.00	\$298.69
Subtotal						\$40,000.00	\$298.69
% DBE Participation							0.7%
Overall Total						\$300,000.00	\$3,239.32
% Overall DBE Participation							1.08%