

**MASSACHUSETTS PORT AUTHORITY
PROPOSED DISADVANTAGED
BUSINESS ENTERPRISE (“DBE”) GOALS
FEDERAL FISCAL YEAR (“FFY”) 2023 - FFY 2025**

Airport Sponsor: Massachusetts Port Authority

Airports: Boston Logan International Airport (BOS)
Worcester Regional Airport (ORH)
L.G. Hanscom Field (BED)

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Goal Period: October 1, 2022 - September 30, 2025

Overall DBE Goal for FAA-Assisted Projects:

Boston Logan International Airport – 15.9% race-conscious

Hanscom Field – 20.7% race-neutral

Worcester Regional Airport – 10.0% race-conscious; 0.1% race-neutral

DBE GOAL METHODOLOGY

This overall goal period for the Massachusetts Port Authority (“MASSPORT”) Disadvantaged Business Enterprise (“DBE”) Program covers Federal Fiscal Years 2023 through 2025, a three-year period, beginning October 1, 2022 and ending September 30, 2025. The Overall DBE Goal for the three-year period has been set in compliance with the methodologies described in CFR 49 Part 26 and subsequent guidance. FAA funding for AIP projects is anticipated to be approximately \$238.2 million for Boston Logan International Airport, \$36.5 million for Hanscom Field, and \$34.2 million for Worcester Regional Airport over the three-year period.

Geographic Region

The relevant geographic market for contractors for Massport projects is defined as the Commonwealth of Massachusetts because more than 75% of the companies performing projects (including federally funded contracts) at the Airports operated by Massport over the last five years are based in Massachusetts. The methodology for determining the DBE goal is described below.

STEP 1 - DETERMINE A BASE FIGURE REPRESENTING THE RELATIVE AVAILABILITY OF DBEs.

For Federal fiscal years 2023 through 2025, we anticipate the following projects to be awarded:

Logan International Airport (BOS)

FFY 2023

- Rehab Runway 15R – 33L
- Geometry Improvements including Taxiway N, New Taxiway U and modifications to Taxiways F and Q
- Drainage Study
- Upgrade Taxiway A Centerline Lights
- Noise Insulation
- Logan Roadways
- Terminal E HVAC

FFY 2024

- Rehab Taxiway N from Runway 15R-33L to Runway 22L
- Install PCC Pavement on Runway 22R
- Runway 27 RSA Improvements – Final Design
- Runway 27 RSA Improvements Purchase EMAS Blocks
- Rehabilitate Taxiway B North
- Install Duct Bank from RTR Site to Base of ATCT
- Vale/eGSE
- Noise Insulation

- Logan Roadways
- Terminal E Ticket Counters

FFY 2025

- Airfield Electrical Upgrades
- Runway 27 RSA Improvements – Construction
- ENV. Permitting – Taxiway M North and Associated Geometry Improvements
- Second Airfield Lighting Vault – Infrastructure
- Rehabilitate Taxiway A North
- Vale/eGSE
- Noise Insulation
- Logan Roadways
- Baggage Project

Hanscom Field (BED)

FFY 2023

- Rehabilitate Runway 5-23 from RW 23 to RW 11-29
- Geometry Improvements Assoc with TW E
- TW R Geometry and VSR Env. Permitting
- Drainage Study

FFY 2024

- Rehab Runway 5-23 from RW 5 to RW 11-29

FFY 2025

- Rehab. Taxiway E from RW 29 to RW 5-23; Construct TW E1
- Relocate Sand Shed
- Geometry Improvements at RW 23 end with TW R includes VSR relocation
- Runway 11 and TW R geometry improvements; VSR construction
- Rehabilitate Taxiway R
- Purchase EMAS Blocks (20% Deposit)

Worcester Regional Airport (ORH)

FFY 2023

- Rehabilitate Runway 29 with Profile Corrections
- Construct Taxiway F from RW 11-29 to TW D
- Purchase EMAS Blocks for RW 29 Departure EMAS (RW 11 End)

FFY 2024

- Replace RW 29 Departure EMAS (RW 11 End)
- Movement Area Boundary Line Relocation
- Purchase EMAS Blocks for RW 11 Departure EMAS (RW 29 End)

FFY 2025

- Replace RW 11 Departure EMAS (RW 29 End)

Each project was broken down by trade classification using the North American Industry Classification System (NAICS). The trade breakdown for the projects listed above is shown on Table 1.

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
BOS			
Rehabilitate Runway 15R-33L	Highway, Street, and Bridge Construction	237310	\$29,500,000
	Electrical Contractor	238210	\$6,000,000
	Site Preparation	238910	\$500,000
	Drainage	237990	\$750,000
	Engineering	541330	\$1,500,000
	Landscaping	561730	\$750,000
Total Project			\$39,000,000
Geometry Improvements including T/W N, new TW U and modifications to Taxiways F and Q	Highway, Street, and Bridge Construction	237310	\$3,350,000
	Electrical Contractor	238210	\$1,000,000
	Site Preparation	238910	\$1,500,000
	Drainage	237990	\$400,000
	Engineering	541330	\$750,000
	Landscaping	561730	\$500,000
Total Project			\$7,500,000
RW 27 RSA Permitting and Final Design	Engineering	541330	\$750,000
Total Project			\$750,000
Drainage Study	Engineering	541330	\$2,000,000
Total Project			\$2,000,000
Upgrade Taxiway A Centerline Lights	Highway, Street, and Bridge Construction	237310	\$720,000
	Concrete	238110	\$1,080,000
	Electrical Contractor	238210	\$242,880
	Site Preparation	238910	\$150,000
	Engineering	541330	\$300,000
Total Project			\$2,492,880
Noise Insulation	General Building Contractors	236220	\$335,000
	HVAC Contractors	238220	\$100,000

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
	Electrical Contractors	238210	\$45,000
	Hazardous Material Disposal Contractors	562910	\$20,000
Total Project			\$500,000
Logan Roadways	Highway, Street, and Bridge Construction	237310	\$2,495,000
	Site Preparation	238910	\$5,000
	Electrical Contractor	238210	\$75,000
	Engineering	541330	\$150,000
Total Project			\$2,725,000
Terminal E HVAC	Plumbing, Heating, and Air-Conditioning Contractors	238220	\$26,830,000
	Concrete	238110	\$570,000
	Electrical Contractor	238210	\$1,000,000
	Site Preparation	238910	\$1,200,000
	Painting and Wall Covering Contractors	238320	\$400,000
Total Project			\$30,000,000
TOTAL 2023			\$84,967,880
Rehab Taxiway N from Runway 15R-33L to Runway 22L	Highway, Street, and Bridge Construction	237310	\$11,190,000
	Electrical Contractor	238210	\$750,000
	Site Preparation	238910	\$625,000
	Drainage	237990	\$100,000
	Engineering	541330	\$750,000
	Landscaping	561730	\$75,000
Total Project			\$13,490,000
Install PCC pavement on Runway 22R	Highway, Street, and Bridge Construction	237310	\$2,530,000
	Site Preparation	238910	\$265,000
	Electrical Contractor	238210	\$150,000
	Landscaping	561730	\$20,000
	Engineering	541330	\$750,000
Total Project			\$3,715,000
RW 27 RSA Improvements - Final Design	Engineering	541330	\$5,000,000
Total Project			\$5,000,000

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
RW 27 RSA Improvements - Purchase EMAS Blocks	Specialty (EMAS)		\$7,000,000
Total Project			\$7,000,000
Rehab. TW B North	Highway, Street, and Bridge Construction	237310	\$9,925,000
	Electrical Contractor	238210	\$4,200,000
	Landscaping	561730	\$175,000
	Drainage	237990	\$75,000
	Engineering	541330	\$1,000,000
Total Project			\$15,375,000
Install Duct Bank from RTR Site to Base of ATCT	Highway, Street, and Bridge Construction	237310	\$500,000
	Electrical Contractor	238210	\$650,000
	Engineering	541330	\$500,000
	Site Preparation	238910	\$300,000
	Concrete	238110	\$1,150,000
Total Project			\$3,100,000
VALE/eGSE	Specialized Equipment Purchase	N/A	\$3,000,000
Total Project			\$3,000,000
Noise Insulation	General Building Contractors	236220	\$1,340,000
	HVAC Contractors	238220	\$400,000
	Electrical Contractors	238210	\$180,000
	Hazardous Material Disposal Contractors	562910	\$80,000
Total Project			\$2,000,000
Logan Roadways	Highway, Street, and Bridge Construction	237310	\$4,305,000
	Site Preparation	238910	\$5,000
	Electrical Contractor	238210	\$75,000
	Drainage	237990	\$50,000
	Engineering	541330	\$250,000
Total Project			\$4,685,000
Terminal E Ticket Counters	Site Preparation	238910	\$583,598
	Structural Steel and Precast Concrete Contractors	238120	\$634,346
	Framing Contractors	238130	\$1,903,037

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
	Finish Carpentry Contractors	238350	\$1,268,692
	Painting and Wall Covering Contractors	238320	\$1,268,692
	All Other Specialty Trade Contractors	238990	\$126,868
	Electrical Contractors	238210	\$2,537,383
	Specialty Equipment (Conveying)	N/A	\$1,268,692
	Plumbing, Heating, and Air-Conditioning Contractors	238220	\$1,268,692
Total Project			\$10,860,000
TOTAL 2024			\$68,225,000
Airfield Electrical Upgrades	Highway, Street, and Bridge Construction	237310	\$6,340,000
	Electrical Contractor	238210	\$6,230,000
	Engineering	541330	\$750,000
	Site Preparation	238910	\$1,335,000
	Concrete	238110	\$9,345,000
Total Project			\$24,000,000
RW 27 RSA Improvements - Construction	Highway, Street, and Bridge Construction	237310	\$1,500,000
	Landscaping	561730	\$100,000
	Drainage	237990	\$9,000,000
	Engineering	541330	\$1,400,000
Total Project			\$12,000,000
Env. Permitting - TW M North and Associated Geometry Improvements	Engineering	541330	\$2,000,000
Total Project			\$2,000,000
Second Airfield Lighting Vault - Infrastructure	Highway, Street, and Bridge Construction	237310	\$475,000
	Site Preparation	238910	\$115,000
	Electrical Contractor	238210	\$1,500,000
	Engineering	541330	\$500,000
	Concrete	238110	\$2,400,000
Total Project			\$4,990,000
Rehab. TW A North	Highway, Street, and Bridge Construction	237310	\$6,700,000
	Electrical Contractor	238210	\$750,000
	Landscaping	561730	\$27,500

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
	Drainage	237990	\$50,000
	Engineering	541330	\$600,000
Total Project			\$8,127,500
VALE/eGSE	Specialized Equipment Purchase	N/A	\$3,000,000
Total Project			\$3,000,000
Noise Insulation	General Building Contractors	236220	\$1,340,000
	HVAC Contractors	238220	\$400,000
	Electrical Contractors	238210	\$180,000
	Hazardous Material Disposal Contractors	562910	\$80,000
Total Project			\$2,000,000
Logan Roadways	Highway, Street, and Bridge Construction	237310	\$7,215,000
	Electrical Contractor	238210	\$75,000
	Drainage	237990	\$50,000
	Engineering	541330	\$250,000
Total Project			\$7,590,000
Baggage Project	Site Preparation	238910	\$1,231,884
	Concrete	238110	\$615,942
	Structural Steel and Precast Concrete Contractors	238120	\$615,942
	Framing Contractors	238130	\$246,377
	Finish Carpentry Contractors	238350	\$4,188,406
	All Other Specialty Trade Contractors	238990	\$615,942
	Electrical Contractors	238210	\$2,463,768
	Specialty Equipment (Conveying)	N/A	\$6,344,203
	Plumbing, Heating, and Air-Conditioning Contractors	238220	\$4,927,536
Total Project			\$21,250,000
TOTAL 2025			\$84,957,500
BOS Total 2023-2025			\$238,150,380
BED			
Project	Trade	NAICS	Trade \$
	Highway, Street, and Bridge Construction	237310	\$2,485,000
	Electrical Contractor	238210	\$50,000

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
Rehab Runway 5-23 from RW 5 to RW 11-29	Site Preparation	238910	\$135,000
	Drainage	237990	\$50,000
	Engineering	541330	\$500,000
	Landscaping	561730	\$130,000
Total Project			\$3,350,000
Geometry Improvements Assoc with TW E	Highway, Street, and Bridge Construction	237310	\$225,000
	Site Preparation	238910	\$175,000
	Engineering	541330	\$50,000
	Landscaping	561730	\$50,000
Total Project			\$500,000
TW R Geometry and VSR Env. Permitting	Engineering	541330	\$500,000
Total Project			\$500,000
Drainage Study	Engineering	541330	\$1,000,000
Total Project			\$1,000,000
TOTAL 2023			\$5,350,000
Rehabilitate Runway 5-23 from RW 23 to RW 11-29	Highway, Street, and Bridge Construction	237310	\$4,835,000
	Electrical Contractor	238210	\$750,000
	Site Preparation	238910	\$275,000
	Drainage	237990	\$30,000
	Engineering	541330	\$500,000
	Landscaping	561730	\$200,000
Total Project			\$6,590,000
TOTAL 2024			\$6,590,000
Rehab. Taxiway E from RW 29 to RW 5-23; Construct TW E1	Highway, Street, and Bridge Construction	237310	\$2,875,000
	Electrical Contractor	238210	\$300,000
	Engineering	541330	\$600,000
	Site Preparation	238910	\$1,525,000
	Landscaping	561730	\$200,000
	Drainage	237990	\$100,000
Total Project			\$5,600,000
Relocate Sand Shed	Highway, Street, and Bridge Construction	237310	\$175,000
	Site Preparation	238910	\$125,000
	Landscaping	561730	\$100,000
	Drainage	237990	\$75,000
	Engineering	541330	\$100,000

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
	Concrete	238110	\$100,000
	Specialty (building relocation)	N/A	\$300,000
Total Project			\$975,000
Geometry Improvements at RW 23 end with TW R includes VSR relocation	Highway, Street, and Bridge Construction	237310	\$1,825,000
	Engineering	541330	\$500,000
	Site Preparation	238910	\$2,750,000
	Electrical Contractor	238210	\$250,000
	Landscaping	561730	\$250,000
	Drainage	237990	\$250,000
Total Project			\$5,825,000
Runway 11 and TW R geometry improvements; VSR construction	Highway, Street, and Bridge Construction	237310	\$3,600,000
	Site Preparation	238910	\$3,000,000
	Electrical Contractor	238210	\$200,000
	Landscaping	561730	\$500,000
	Drainage	237990	\$500,000
	Engineering	541330	\$1,000,000
Total Project			\$8,800,000
Rehabilitate Taxiway R	Highway, Street, and Bridge Construction	237310	\$1,175,000
	Site Preparation	238910	\$500,000
	Electrical Contractor	238210	\$300,000
	Landscaping	561730	\$100,000
	Drainage	237990	\$50,000
	Engineering	541330	\$200,000
Total Project			\$2,325,000
Purchase EMAS Blocks (20% Deposit)	Specialized Equipment Purchase	N/A	\$1,000,000
Total Project			\$1,000,000
TOTAL 2025			\$24,525,000
BED Total 2023-2025			\$36,465,000
ORH			
Project	Trade	NAICS	Trade \$
Rehabilitate Runway 29 with Profile Corrections	Highway, Street, and Bridge Construction	237310	\$7,675,000
	Electrical Contractor	238210	\$2,000,000
	Site Preparation	238910	\$7,000,000
	Drainage	237990	\$50,000

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
	Engineering	541330	\$800,000
	Landscaping	561730	\$150,000
Total Project			\$17,675,000
Construct Taxiway F from RW 11-29 to TW D	Highway, Street, and Bridge Construction	237310	\$1,060,000
	Electrical Contractor	238210	\$300,000
	Site Preparation	238910	\$600,000
	Drainage	237990	\$30,000
	Engineering	541330	\$600,000
	Landscaping	561730	\$50,000
Total Project			\$2,640,000
Purchase EMAS Blocks for RW 29 Departure EMAS (RW 11 End)	Specialty (EMAS) - FAA Specified	N/A	\$6,000,000
Total Project			\$6,000,000
TOTAL 2023			\$26,315,000
Replace RW 29 Departure EMAS (RW 11 END)	Highway, Street, and Bridge Construction	237310	\$365,000
	Electrical Contractor	238210	\$50,000
	Site Preparation	238910	\$150,000
	Masonry Installation (EMAS)	238140	\$500,000
	Engineering	541330	\$250,000
	Landscaping	561730	\$35,000
Total Project			\$1,350,000
Movement Area Boundary Line Relocation	Highway, Street, and Bridge Construction	237310	\$150,000
	Engineering	541330	\$50,000
Total Project			\$200,000
Purchase EMAS Blocks for RW 11 Departure EMAS (RW 29 End)	Specialty (EMAS) - FAA Specified	541330	\$5,000,000
Total Project			\$5,000,000
TOTAL 2024			\$6,550,000
Replace RW 11 Departure EMAS (RW 29 END)	Highway, Street, and Bridge Construction	237310	\$370,000
	Electrical Contractor	238210	\$20,000
	Engineering	541330	\$250,000
	Site Preparation	238910	\$150,000
	Masonry Installation (EMAS)	238140	\$500,000

Table 1 – AIP Projects/Trade Classifications			
Project	Trade	NAICS	Trade \$
	Landscaping	561730	\$35,000
Total Project			\$1,325,000
TOTAL 2025			\$1,325,000
ORH Total 2023-2025			\$34,190,000

DBE Availability for the trades included above has been calculated using Census Bureau Data (2020 County Business Patterns) and the DBE Directory published by The Commonwealth of Massachusetts Supplier Diversity Office (the Massachusetts Unified Certification Program (“UCP”)).

Table 2 - DBE Availability Percentages				
% OF DBE FIRMS VS. ALL FIRMS				
Trade	NAICS	2020 Census	Directory	%
General Building	236220	740	29	3.9%
Highway, Street, Bridge	237310	213	52	24.4%
Drainage	237990	93	14	15.1%
Concrete Pouring	238110	275	17	6.2%
Structural Steel and Precast Concrete Contractors	238120	61	14	23.0%
Framing Contractors	238130	310	12	3.9%
Masonry Contractors	238140	611	24	3.9%
Electrical Contractors	238210	2,469	22	0.9%
HVAC Contractors	238220	2,970	6	0.2%
Painting and Wall Covering Contractors	238320	934	23	2.5%
Framing Contractors	238350	952	21	2.2%
Site Preparation	238910	1,143	54	4.7%
All Other Specialty Trade Contractors	238990	823	50	6.1%
Engineering	541330	1,467	55	3.7%
Landscaping	561730	4,170	26	0.6%
Remediation	562910	164	23	14.0%

Weighting the project trade anticipated expenditures using the availability calculations shown in Table 2 results in the following:

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
BOS					
Rehabilitate Runway 15R-33L	Highway, Street, and Bridge Construction	237310	\$29,500,000	24.4%	\$7,198,000
	Electrical Contractor	238210	\$6,000,000	0.9%	\$54,000
	Site Preparation	238910	\$500,000	4.7%	\$23,500
	Drainage	237990	\$750,000	15.1%	\$113,250
	Engineering	541330	\$1,500,000	3.7%	\$55,500
	Landscaping	561730	\$750,000	0.6%	\$4,500
Total Project			\$39,000,000	19.1%	\$7,448,750
Geometry Improvements including TW N, new TW U and modifications to Taxiways F and Q	Highway, Street, and Bridge Construction	237310	\$3,350,000	24.4%	\$817,400
	Electrical Contractor	238210	\$1,000,000	0.9%	\$9,000
	Site Preparation	238910	\$1,500,000	4.7%	\$70,500
	Drainage	237990	\$400,000	15.1%	\$60,400
	Engineering	541330	\$750,000	3.7%	\$27,750
	Landscaping	561730	\$500,000	0.6%	\$3,000
Total Project			\$7,500,000	13.2%	\$988,050
RW 27 RSA Permitting and Final Design	Engineering	541330	\$750,000	3.7%	\$27,750
Total Project			\$750,000	3.7%	\$27,750
Drainage Study	Engineering	541330	\$2,000,000	3.7%	\$74,000
Total Project			\$2,000,000	3.7%	\$74,000
Upgrade Taxiway A Centerline Lights	Highway, Street, and Bridge Construction	237310	\$720,000	24.4%	\$175,680
	Concrete	238110	\$1,080,000	6.2%	\$66,960
	Electrical Contractor	238210	\$242,880	0.9%	\$2,186
	Site Preparation	238910	\$150,000	4.7%	\$7,050
	Engineering	541330	\$300,000	3.7%	\$11,100
Total Project			\$2,492,880	10.5%	\$262,976
Noise Insulation	General Building Contractors	236220	\$335,000	3.9%	\$13,065
	HVAC Contractors	238220	\$100,000	0.2%	\$200
	Electrical Contractors	238210	\$45,000	0.9%	\$405
	Hazardous Material Disposal Contractors	562910	\$20,000	14.0%	\$2,800

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
Total Project			\$500,000	3.3%	\$16,470
Logan Roadways	Highway, Street, and Bridge Construction	237310	\$2,495,000	24.4%	\$608,780
	Site Preparation	238910	\$5,000	4.7%	\$235
	Electrical Contractor	238210	\$75,000	0.9%	\$675
	Engineering	541330	\$150,000	3.7%	\$5,550
Total Project			\$2,725,000	22.6%	\$615,240
Terminal E HVAC	Plumbing, Heating, and Air-Conditioning Contractors	238220	\$26,830,000	0.2%	\$53,660
	Concrete	238110	\$570,000	6.2%	\$35,340
	Electrical Contractor	238210	\$1,000,000	0.9%	\$9,000
	Site Preparation	238910	\$1,200,000	4.7%	\$56,400
	Painting and Wall Covering Contractors	238320	\$400,000	2.5%	\$10,000
Total Project			\$30,000,000	0.5%	\$164,400
TOTAL 2023			\$84,967,880	11.3%	\$9,597,636
Rehab Taxiway N from Runway 15R-33L to Runway 22L	Highway, Street, and Bridge Construction	237310	\$11,190,000	24.4%	\$2,730,360
	Electrical Contractor	238210	\$750,000	0.9%	\$6,750
	Site Preparation	238910	\$625,000	4.7%	\$29,375
	Drainage	237990	\$100,000	15.1%	\$15,100
	Engineering	541330	\$750,000	3.7%	\$27,750
	Landscaping	561730	\$75,000	0.6%	\$450
Total Project			\$13,490,000	20.8%	\$2,809,785
Install PCC pavement on Runway 22R	Highway, Street, and Bridge Construction	237310	\$2,530,000	24.4%	\$617,320
	Site Preparation	238910	\$265,000	4.7%	\$12,455
	Electrical Contractor	238210	\$150,000	0.9%	\$1,350
	Landscaping	561730	\$20,000	0.6%	\$120
	Engineering	541330	\$750,000	3.7%	\$27,750
Total Project			\$3,715,000	17.7%	\$658,995
RW 27 RSA Improvements - Final Design	Engineering	541330	\$5,000,000	3.7%	\$185,000
Total Project			\$5,000,000	3.7%	\$185,000

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
RW 27 RSA Improvements - Purchase EMAS Blocks	Specialty (EMAS) - FAA Specified		\$7,000,000	0.0%	\$0
Total Project			\$7,000,000	0.0%	\$0
Rehab. TW B North	Highway, Street, and Bridge Construction	237310	\$9,925,000	24.4%	\$2,421,700
	Electrical Contractor	238210	\$4,200,000	0.9%	\$37,800
	Landscaping	561730	\$175,000	0.6%	\$1,050
	Drainage	237990	\$75,000	15.1%	\$11,325
	Engineering	541330	\$1,000,000	3.7%	\$37,000
Total Project			\$15,375,000	16.3%	\$2,508,875
Install Duct Bank from RTR Site to Base of ATCT	Highway, Street, and Bridge Construction	237310	\$500,000	24.4%	\$122,000
	Electrical Contractor	238210	\$650,000	0.9%	\$5,850
	Engineering	541330	\$500,000	3.7%	\$18,500
	Site Preparation	238910	\$300,000	4.7%	\$14,100
	Concrete	238110	\$1,150,000	6.2%	\$71,300
Total Project			\$3,100,000	7.5%	\$231,750
VALE/eGSE	Specialized Equipment Purchase	N/A	\$3,000,000	0.0%	\$0
Total Project			\$3,000,000	0.0%	\$0
Noise Insulation	General Building Contractors	236220	\$1,340,000	3.9%	\$52,260
	HVAC Contractors	238220	\$400,000	0.2%	\$800
	Electrical Contractors	238210	\$180,000	0.9%	\$1,620
	Hazardous Material Disposal Contractors	562910	\$80,000	14.0%	\$11,200
Total Project			\$2,000,000	3.3%	\$65,880
Logan Roadways	Highway, Street, and Bridge Construction	237310	\$4,305,000	24.4%	\$1,050,420
	Site Preparation	238910	\$5,000	4.7%	\$235
	Electrical Contractor	238210	\$75,000	0.9%	\$675
	Drainage	237990	\$50,000	15.1%	\$7,550
	Engineering	541330	\$250,000	3.7%	\$9,250
Total Project			\$4,685,000	22.8%	\$1,068,130
	Site Preparation	238910	\$583,598	4.7%	\$27,429

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
Terminal E Ticket Counters	Structural Steel and Precast Concrete Contractors	238120	\$634,346	23.0%	\$145,900
	Framing Contractors	238130	\$1,903,037	3.9%	\$74,218
	Finish Carpentry Contractors	238350	\$1,268,692	2.2%	\$27,911
	Painting and Wall Covering Contractors	238320	\$1,268,692	2.5%	\$31,717
	All Other Specialty Trade Contractors	238990	\$126,868	6.1%	\$7,739
	Electrical Contractors	238210	\$2,537,383	0.9%	\$22,836
	Specialty Equipment (Conveying)	N/A	\$1,268,692	0.0%	\$0
	Plumbing, Heating, and Air-Conditioning Contractors	238220	\$1,268,692	0.2%	\$2,537
Total Project			\$10,860,000	3.1%	\$340,288
TOTAL 2024			\$68,225,000	27.0%	\$18,388,415
Airfield Electrical Upgrades	Highway, Street, and Bridge Construction	237310	\$6,340,000	24.4%	\$1,546,960
	Electrical Contractor	238210	\$6,230,000	0.9%	\$56,070
	Engineering	541330	\$750,000	3.0%	\$22,500
	Site Preparation	238910	\$1,335,000	4.7%	\$62,745
	Concrete	238110	\$9,345,000	6.2%	\$579,390
Total Project			\$24,000,000	9.4%	\$2,267,665
RW 27 RSA Improvements - Construction	Highway, Street, and Bridge Construction	237310	\$1,500,000	24.4%	\$366,000
	Landscaping	561730	\$100,000	0.6%	\$600
	Drainage	237990	\$9,000,000	15.1%	\$1,359,000
	Engineering	541330	\$1,400,000	3.7%	\$51,800
Total Project			\$12,000,000	14.8%	\$1,777,400
Env. Permitting - TW M North and Associated Geometry Improvements	Engineering	541330	\$2,000,000	3.7%	\$74,000
Total Project			\$2,000,000	3.7%	\$74,000
Second Airfield Lighting Vault - Infrastructure	Highway, Street, and Bridge Construction	237310	\$475,000	24.4%	\$115,900
	Site Preparation	238910	\$115,000	4.7%	\$5,405
	Electrical Contractor	238210	\$1,500,000	0.9%	\$13,500
	Engineering	541330	\$500,000	3.7%	\$18,500

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
	Concrete	238110	\$2,400,000	6.2%	\$148,800
Total Project			\$4,990,000	6.1%	\$302,105
Rehab. TW A North	Highway, Street, and Bridge Construction	237310	\$6,700,000	24.4%	\$1,634,800
	Electrical Contractor	238210	\$750,000	0.9%	\$6,750
	Landscaping	561730	\$27,500	0.6%	\$165
	Drainage	237990	\$50,000	15.1%	\$7,550
	Engineering	541330	\$600,000	3.7%	\$22,200
Total Project			\$8,127,500	20.6%	\$1,671,465
VALE/eGSE	Specialized Equipment Purchase	N/A	\$3,000,000	0.0%	\$0
Total Project			\$3,000,000	0.0%	\$0
Noise Insulation	General Building Contractors	236220	\$1,340,000	3.9%	\$52,260
	HVAC Contractors	238220	\$400,000	0.2%	\$800
	Electrical Contractors	238210	\$180,000	0.9%	\$1,620
	Hazardous Material Disposal Contractors	562910	\$80,000	14.0%	\$11,200
Total Project			\$2,000,000	3.3%	\$65,880
Logan Roadways	Highway, Street, and Bridge Construction	237310	\$7,215,000	24.4%	\$1,760,460
	Electrical Contractor	238210	\$75,000	0.9%	\$675
	Drainage	237990	\$50,000	15.1%	\$7,550
	Engineering	541330	\$250,000	3.7%	\$9,250
Total Project			\$7,590,000	23.4%	\$1,777,935
Baggage Project	Site Preparation	238910	\$1,231,884	4.7%	\$57,899
	Concrete	238110	\$615,942	6.2%	\$38,188
	Structural Steel and Precast Concrete Contractors	238120	\$615,942	23.0%	\$141,667
	Framing Contractors	238130	\$246,377	3.9%	\$9,609
	Finish Carpentry Contractors	238350	\$4,188,406	2.2%	\$92,145
	All Other Specialty Trade Contractors	238990	\$615,942	6.1%	\$37,572
	Electrical Contractors	238210	\$2,463,768	0.9%	\$22,174
	Specialty Equipment (Conveying)	N/A	\$6,344,203	0.0%	\$0
	Plumbing, Heating, and Air-Conditioning Contractors	238220	\$4,927,536	0.2%	\$9,855
Total Project			\$21,250,000	1.9%	\$409,109

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
TOTAL 2025			\$84,957,500	9.8%	\$8,345,559
Total 2023-2025			\$238,150,380	15.3%	\$36,331,610
BED					
Project	Trade	NAICS	Trade \$	DBE %	DBE \$
Rehab Runway 5-23 from RW 5 to RW 11-29	Highway, Street, and Bridge Construction	237310	\$2,485,000	24.4%	\$606,340
	Electrical Contractor	238210	\$50,000	0.9%	\$450
	Site Preparation	238910	\$135,000	4.7%	\$6,345
	Drainage	237990	\$50,000	15.1%	\$7,550
	Engineering	541330	\$500,000	3.7%	\$18,500
	Landscaping	561730	\$130,000	0.6%	\$780
Total Project			\$3,350,000	19.1%	\$639,965
Geometry Improvements Assoc with TW E	Highway, Street, and Bridge Construction	237310	\$225,000	24.4%	\$54,900
	Site Preparation	238910	\$175,000	4.7%	\$8,225
	Engineering	541330	\$50,000	3.7%	\$1,850
	Landscaping	561730	\$50,000	0.6%	\$300
Total Project			\$500,000	13.1%	\$65,275
TW R Geometry and VSR Env. Permitting	Engineering	541330	\$500,000	3.7%	\$18,500
Total Project			\$500,000	3.7%	\$18,500
Drainage Study	Engineering	541330	\$1,000,000	3.7%	\$37,000
Total Project			\$1,000,000	3.7%	\$37,000
TOTAL 2023			\$5,350,000	14.2%	\$760,740
Rehabilitate Runway 5-23 from RW 23 to RW 11-29	Highway, Street, and Bridge Construction	237310	\$4,835,000	24.4%	\$1,179,740
	Electrical Contractor	238210	\$750,000	0.9%	\$6,750
	Site Preparation	238910	\$275,000	4.7%	\$12,925
	Drainage	237990	\$30,000	15.1%	\$4,530
	Engineering	541330	\$500,000	3.7%	\$18,500
	Landscaping	561730	\$200,000	0.6%	\$1,200
Total Project			\$6,590,000	18.6%	\$1,223,645
TOTAL 2024			\$6,590,000	18.6%	\$1,223,645
Rehab. Taxiway E from RW 29 to RW 5-23; Construct TW E1	Highway, Street, and Bridge Construction	237310	\$2,875,000	24.4%	\$701,500
	Electrical Contractor	238210	\$300,000	0.9%	\$2,700

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
	Engineering	541330	\$600,000	3.7%	\$22,200
	Site Preparation	238910	\$1,525,000	4.7%	\$71,675
	Landscaping	561730	\$200,000	0.6%	\$1,200
	Drainage	237990	\$100,000	15.1%	\$15,100
Total Project			\$5,600,000	14.5%	\$814,375
Relocate Sand Shed	Highway, Street, and Bridge Construction	237310	\$175,000	24.4%	\$42,700
	Site Preparation	238910	\$125,000	4.7%	\$5,875
	Landscaping	561730	\$100,000	0.6%	\$600
	Drainage	237990	\$75,000	15.1%	\$11,325
	Engineering	541330	\$100,000	3.7%	\$3,700
	Concrete	238110	\$100,000	6.2%	\$6,200
	Specialty (building relocation)	N/A	\$300,000	0.0%	\$0
Total Project			\$975,000	7.2%	\$70,400
Geometry Improvements at RW 23 end with TW R includes VSR relocation	Highway, Street, and Bridge Construction	237310	\$1,825,000	24.4%	\$445,300
	Engineering	541330	\$500,000	3.7%	\$18,500
	Site Preparation	238910	\$2,750,000	4.7%	\$129,250
	Electrical Contractor	238210	\$250,000	0.9%	\$2,250
	Landscaping	561730	\$250,000	0.6%	\$1,500
	Drainage	237990	\$250,000	15.1%	\$37,750
Total Project			\$5,825,000	10.9%	\$634,550
Runway 11 and TW R geometry improvements; VSR construction	Highway, Street, and Bridge Construction	237310	\$3,600,000	24.4%	\$878,400
	Site Preparation	238910	\$3,000,000	4.7%	\$141,000
	Electrical Contractor	238210	\$200,000	0.9%	\$1,800
	Landscaping	561730	\$500,000	0.6%	\$3,000
	Drainage	237990	\$500,000	15.1%	\$75,500
	Engineering	541330	\$1,000,000	3.7%	\$37,000
Total Project			\$8,800,000	12.9%	\$1,136,700
Rehabilitate Taxiway R	Highway, Street, and Bridge Construction	237310	\$1,175,000	24.4%	\$286,700
	Site Preparation	238910	\$500,000	4.7%	\$23,500
	Electrical Contractor	238210	\$300,000	0.9%	\$2,700
	Landscaping	561730	\$100,000	0.6%	\$600
	Drainage	237990	\$50,000	15.1%	\$7,550
	Engineering	541330	\$200,000	3.7%	\$7,400
Total Project			\$2,325,000	14.1%	\$328,450

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability

Project	Trade	NAICS	Trade \$	DBE %	DBE \$
Purchase EMAS Blocks (20% Deposit)	Specialized Equipment Purchase	N/A	\$1,000,000	0.0%	\$0
Total Project			\$1,000,000	0.0%	\$0
TOTAL 2025			\$24,525,000	12.2%	\$2,984,475
BED Total 2023-2025			\$36,465,000	13.6%	\$4,968,860
ORH					
Project	Trade	NAICS	Trade \$	DBE %	DBE \$
Rehabilitate Runway 29 with Profile Corrections	Highway, Street, and Bridge Construction	237310	\$7,675,000	24.4%	\$1,872,700
	Electrical Contractor	238210	\$2,000,000	0.9%	\$18,000
	Site Preparation	238910	\$7,000,000	4.7%	\$329,000
	Drainage	237990	\$50,000	15.1%	\$7,550
	Engineering	541330	\$800,000	3.7%	\$29,600
	Landscaping	561730	\$150,000	0.6%	\$900
Total Project			\$17,675,000	12.8%	\$2,257,750
Construct Taxiway F from RW 11-29 to TW D	Highway, Street, and Bridge Construction	237310	\$1,060,000	24.4%	\$258,640
	Electrical Contractor	238210	\$300,000	0.9%	\$2,700
	Site Preparation	238910	\$600,000	4.7%	\$28,200
	Drainage	237990	\$30,000	15.1%	\$4,530
	Engineering	541330	\$600,000	3.7%	\$22,200
	Landscaping	561730	\$50,000	0.6%	\$300
Total Project			\$2,640,000	12.0%	\$316,570
Purchase EMAS Blocks for RW 29 Departure EMAS (RW 11 End)	Specialty (EMAS) - FAA Specified	N/A	\$6,000,000	0.0%	\$0
Total Project			\$6,000,000	0.0%	\$0
TOTAL 2023			\$26,315,000	9.8%	\$2,574,320
Replace RW 29 Departure EMAS (RW 11 END)	Highway, Street, and Bridge Construction	237310	\$365,000	24.4%	\$89,060
	Electrical Contractor	238210	\$50,000	0.9%	\$450
	Site Preparation	238910	\$150,000	4.7%	\$7,050
	Masonry Installation (EMAS)	238140	\$500,000	3.9%	\$19,500
	Engineering	541330	\$250,000	3.7%	\$9,250
	Landscaping	561730	\$35,000	0.6%	\$210

Table 3 - DBE \$ based on Project Expenditures by Trade Classification X DBE Availability					
Project	Trade	NAICS	Trade \$	DBE %	DBE \$
Total Project			\$1,350,000	9.3%	\$125,520
Movement Area Boundary Line Relocation	Highway, Street, and Bridge Construction	237310	\$150,000	24.4%	\$36,600
	Engineering	541330	\$50,000	3.7%	\$1,850
Total Project			\$200,000	19.2%	\$38,450
Purchase EMAS Blocks for RW 11 Departure EMAS (RW 29 End)	Specialty (EMAS) - FAA Specified	541330	\$5,000,000	3.7%	\$185,000
Total Project			\$5,000,000	3.7%	\$185,000
TOTAL 2024			\$6,550,000	5.3%	\$348,970
Replace RW 11 Departure EMAS (RW 29 END)	Highway, Street, and Bridge Construction	237310	\$370,000	24.4%	\$90,280
	Electrical Contractor	238210	\$20,000	0.9%	\$180
	Engineering	541330	\$250,000	3.7%	\$9,250
	Site Preparation	238910	\$150,000	4.7%	\$7,050
	Masonry Installation (EMAS)	238140	\$500,000	3.9%	\$19,500
	Landscaping	561730	\$35,000	0.6%	\$210
Total Project			\$1,325,000	9.5%	\$126,470
TOTAL 2025			\$1,325,000	9.5%	\$126,470
ORH Total 2023-2025			\$34,190,000	8.9%	\$3,049,760

Based on the above, we recommend base goals for the three airports as follows:
 Boston Logan International Airport – 15.3%
 Hanscom Field – 13.6%
 Worcester Regional Airport – 8.9%

STEP 2 - EXAMINE DATA TO DETERMINE WHAT ADJUSTMENT, IF ANY, IS NEEDED TO THE BASE FIGURE.

- 1) We have reviewed the DBE goals of other agencies to determine if the proposed goals for the airports operated by the Authority are in line with the goals set by other local agencies. Goals for the other agencies reviewed are as follows:

Massachusetts Bay Transportation Authority (MBTA)	20.0% (2021 – 2023)
Massachusetts Department of Transportation (MDOT)	13.6% (2020 – 2022)
Division of Capital Asset Management and Maintenance (DCAMM):	
Construction Projects (M/WBE)	13.0%
Design Projects (M/WBE)	21.6%

Based on this, we believe that the proposed goals are reasonable, requiring no adjustment as a result of this comparison.

2) We have reviewed the past history of DBE participation for Massport projects over the last 5 years to determine if an adjustment should be made based on past history.

DBE participation in awarded contracts over the past 5 years for each airport is as follows:

Boston Logan International Airport

Year	Project \$	DBE \$	DBE %	Goal %
2021	\$7,401,512	\$1,331,045	18.0%	14.9%
2020	\$26,234,845	\$1,799,729	6.9%	14.9%
2019	\$9,068,920	\$1,314,936	14.5%	11.6%
2018	\$5,892,650	\$972,975	16.5%	11.6%
2017	\$5,532,564	\$1,130,786	20.4%	11.6%

Hanscom Field

Year	Project \$	DBE \$	DBE %	Goal %
2021	\$1,290,544	\$202,455	15.7%	14.0%
2020	\$1,090,657	\$161,020	14.8%	14.0%
2019	\$1,000,000	\$272,921	27.3%	10.9%
2018	\$5,784,503	\$1,569,012	27.1%	10.9%
2017	\$3,105,850	\$949,075	30.6%	10.9%

Worcester Regional Airport

Year	Project \$	DBE \$	DBE %	Goal %
2021	\$1,917,821	\$278,376	14.5%	15.2%
2020	\$5,353,200	\$603,247	11.3%	15.2%
2019	\$964,822	\$15,261	1.6%	9.3%
2018	\$6,603,344	\$556,603	8.4%	9.3%
2017	\$1,000,000	\$150,918	15.1%	9.3%

Boston Logan International Airport (BOS):

The median DBE participation accomplishment for Boston Logan International Airport for the five-year period is 16.5%. Adjusting the base goal by airport for past history results in the following:

$$15.3\% \text{ (base goal)} + 16.5\% \text{ (median goal accomplishment)} = 31.8\%$$
$$31.8\% \div 2 = 15.9\%$$

L.G. Hanscom Field (BED):

The median DBE participation accomplishment for Hanscom Field for the five-year period is 7.9%. Adjusting the base goal by airport for past history results in the following:

$$13.6\% \text{ (base goal)} + 27.1\% \text{ (median goal accomplishment)} = 40.7\%$$
$$40.7\% \div 2 = 20.4\%$$

Worcester Regional Airport (ORH):

The median DBE participation accomplishment for Worcester Regional Airport for the five-year period is 13.5%. Adjusting the base goal by airport for past history results in the following:

$$8.9\% \text{ (base goal)} + 11.3\% \text{ (median goal accomplishment)} = 20.2\%$$
$$20.2\% \div 2 = 10.1\%$$

Therefore, we propose the Overall Goals for FY 2023 – 2025 as follows:

- Boston Logan International Airport – 15.9%
- Hanscom Field – 20.4%
- Worcester Regional Airport – 10.1%

Race-Neutral versus Race-Conscious Goal

Race-Neutral versus Race-Conscious Goal

49 CFR part 26, section 26.51(f)(4) states as follows:

If you obtain DBE participation that exceeds your overall goal in two consecutive years through the use of contract goals (*i.e.*, not through the use of race-neutral means alone), you must reduce your use of contract goals proportionately in the following year. We will review the accomplishment after FFY 2023 and adjust, if necessary, for subsequent years.

For Boston Logan, the goal has not been exceeded for the past two consecutive years.

Boston Logan International Airport

Year	Project \$	DBE \$	DBE %	GOAL %	RN %
2021	\$7,401,512	\$1,331,045	18.0%	14.9%	6.2%
2020	\$26,234,845	\$1,799,729	6.9%	14.9%	6.2%
TOTAL	\$33,636,357	\$3,130,774	9.3%	14.9%	6.2%

The goal was not exceeded in FFY 2020 or in 2020 and 2021 (combined). We, therefore, propose the race-conscious/race-neutral split for Boston Logan is:

- Race-Conscious – 15.9%
- Race-Neutral – 0.0%
- Total – 14.9%

For Hanscom, the goal has been exceeded for the past two consecutive years using race-neutral goals.

Hanscom Field

Year	Project \$	DBE \$	DBE %	GOAL %	RN %
2021	\$1,290,544	\$202,455	15.7%	14.0%	14.0%
2020	\$1,090,657	\$161,020	14.8%	14.0%	14.0%
TOTAL	\$2,381,201	\$363,475	15.3%	14.0%	14.0%

Since the goal was exceeded in both of the last two consecutive years, the goal for Hanscom field has been set as a race-neutral goal.

- Race-Conscious – 0.0%
- Race-Neutral – 20.7%
- Total – 20.7%

For Worcester, the goal has not been exceeded for the past two consecutive years using contract goals.

Worcester

Year	Project \$	DBE \$	DBE %	GOAL %	RN %
2021	\$1,917,821	\$278,376	14.5%	15.2%	0.0%

2020	\$5,353,200	\$603,247	11.3%	15.2%	0.0%
TOTAL	\$2,381,201	\$363,475	15.3%	15.2%	0.0%

The goal was exceeded in FFY 2021 and 2020 (combined) by 0.7%. Assuming that 0.7% of the adjusted goal will be achieved using race-neutral measures, the race-conscious/race-neutral split for Hanscom Field is:

- Race-Conscious – 10.0%
- Race-Neutral – 0.1%
- Total – 10.1%

Race Neutral Measures

The following race-neutral methods will be employed:

- a) Endeavor implementation of Massport’s Small Business Element consisting of unbundling and small business goals.
- b) Provide information on the Massport organization, functions and its full range of contractual needs.
- c) Offer informational meetings and/or outreach fair session(s) providing bidding and procurement process, contract requirements for Massport projects; including debriefing sessions.
- d) Maintain successful bid documents from past projects and provide potential participants with information.
- e) Issue projected Massport project information. (i.e. Massport Website)
- f) Provide information and assistance on certification procedures (i.e. Massport Website).
- g) Upon request, provide information on sub-contracting practices and bonding requirements.
- h) When arranging solicitations, endeavor to allow time for preparation of bids and delivery schedules to facilitate the participation of DBEs.