

**FAA DBE Goal Methodology
Yellowstone Airport (WYS)
Montana Department of Transportation
Federal Fiscal Year 2022-2024**

The Montana Department of Transportation (MDT), in accordance with United States Department of Transportation (USDOT) guidelines, determines MDT's Disadvantaged Business Enterprise (DBE) Goal for Federal Aviation Administration (FAA) funded contracts on a staggered three-year schedule.

MDT calculates the goal using the criteria set forth in 49 CFR Part 26.45. The determination of the level of DBE participation is based on the availability of all DBE businesses that are ready, willing, and able to participate in FAA-assisted contracts in the State of Montana in relationship to all comparable businesses which are known to be available to compete for FAA-assisted contracts.

For Federal Fiscal Year 2022 – 2024, MDT has established an overall DBE goal of 1.8% for the Yellowstone Airport to be accomplished through race neutral means.

This methodology and the supporting evidence comply with the requirements of the federal regulations and federal guidance, as well as relevant court decisions, including *Western States Paving v. Washington State Dept. of Transportation*, 907 F.3d 963 (9th Cir. 2005).

For Federal Fiscal Years 2022 through 2024, the following projects are anticipated for the Yellowstone Airport:

Contract(s) FY 2022 – \$19,294,986

- Project 1. Construct Terminal
- Project 2. Architectural, Engineering, and Grant Administration for Terminal Construction
- Project 3. Construct Access Road
- Project 4. Construct Parking Lot
- Project 5. Construct Concrete Apron Inlay
- Project 6. Construct Water Improvements
- Project 7. Construct Sewer Improvements
- Project 8. Construct Revenue Generating Hangar / GA Terminal

Contract(s) FY 2023 – \$13,204,574

- Project 1. Construct Terminal
- Project 2. Construct Access Road
- Project 3. Construct Parking Lot
- Project 4. Construct Water Improvements
- Project 5. Construct Sewer Improvements

- Project 6. Rehabilitate RW 1/19 Design
- Project 7. Rehabilitate Runway Lighting Design
- Project 8. Rehabilitate Taxiway Lighting Design
- Project 9. Design and Construct Rehabilitate Taxiway Pavement Maintenance
- Project 10. Design and Construct Apron Rehabilitate Pavement Maintenance
- Project 11. Construct Snow Removal Equipment Building
- Project 12. Demo Existing Snow Removal Equipment Building

Contract(s) FY 2024 – \$5,908,737

- Project 1. Demolition of Terminal
- Project 2. Construct Rehabilitate RW 1/19
- Project 3. Construct Rehabilitate Runway Lighting
- Project 4. Construct Rehabilitate Taxiway Lighting
- Project 5. Acquire Snow Removal Equipment
- Project 6. Conduct Airport Master Plan Study
- Project 7. Acquire ARFF Equipment
- Project 8. Installation of Automated Weather Observation Station (AWOS)

MDT engaged a consultant (Keen Independent) to conduct an Availability and Disparity Study, which was completed in July of 2016. Although this Study did not examine contracts using Federal Aviation Administration (FAA) funds or vertical construction work types; MDT and other agencies might review information in the report regarding DBE availability as they relate to operating the Program for FAA-funded contracts. Since contractors that participated on MDT contracts during the Study period are in most cases the same contractors that are awarded FAA-funded contracts, MDT used the DBE availability data from the 2016 Disparity Study to calculate the goal for the Yellowstone Airport.

Market Area

The market area is where most firms seeking to work with the Airport are located and where the Airport spends most of its contracting dollars. The Disparity Study found that 89% of MDT contract dollars during the study period went to firms with Montana offices. For the most recent projects at Yellowstone Airport, 86% of the firms were based in Montana.

Therefore, MDT established the market area as the State of Montana and used Disparity Study availability data for firms that indicated they were ready, willing, and able to work in the Butte District, which includes the Yellowstone Airport.

Step 1: Determining the Base Figure

For the Step 1 Base Figure, MDT determined the relative DBE availability in accordance with 49 CFR Part 26.45 (c)(3), which is to use data from a Disparity Study. Since the Disparity Study did not look at vertical construction, MDT used 49 CFR Part 26.45 (c)(1)

DBE Directory and Census Bureau Data to establish availability for the building construction. There are no DBE opportunities in the acquisition of snow removal or ARFF equipment, so it will not be included in the Step 1 analysis. However, because it is AIP funded, it is included as an anticipated project.

Table 1 on the following page calculates the DBE availability using the data from the 2016 Disparity Study, Census Bureau (indicates NAICS Code), and DBE Directory. This information is compared to anticipated work types and associated costs for all projects in Federal Fiscal Years 2022-2024 at the Yellowstone Airport to determine a weighted DBE availability.

The weighted DBE availability calculation and step 1 base figure is 3.2%. The step 1 goal breakdown for each individual project and by Federal Fiscal Year is in Appendix A. Some individual line items or totals may appear to be off by a tenth of a percentage, which is due to rounding when all the anticipated projects, work types, and the number of calculations are performed.

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Table 1 – Weighted DBE Availability

Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Non Residential Building Construction (Commercial and Institutional Building Construction) - General Conditions	236220	5	180	2.78%	\$ 2,280,699	6%	0.2%
Masonry	238140	1	119	0.84%	\$ 360,111	1%	0.0%
Carpentry/Framing	238130	2	156	1.28%	\$ 1,448,996	4%	0.0%
Building Finishing Contractors (Thermal and Moisture Protection)	238170	1	92	1.09%	\$ 2,572,221	7%	0.1%
Doors and Windows	238350	1	241	0.41%	\$ 874,555	2%	0.0%
Building Finishing Contractors (Painting and Wall Covering Contractors)	238320	0	230	0.00%	\$ 285,802	1%	0.0%
Building Finishing Contractors (Flooring Contractors)	238330	0	113	0.00%	\$ 737,370	2%	0.0%
Specialty (Signs and Banners)	339950	2	30	6.67%	\$ 71,451	0%	0.0%
Furnishings	238390	3	25	12.00%	\$ 497,297	1%	0.2%
Conveying Systems (Baggage Handling)	333922	0	0	0.00%	\$ 926,000	2%	0.0%
Building Equipment Contractors (Plumbing, Heating, and Air-Conditioning Contractors and Fire Suppression)	238220	0	641	0.00%	\$ 3,172,406	8%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors)	238210	3	471	0.64%	\$ 3,134,672	8%	0.1%
Roofing	238160	1	123	0.81%	\$ 295,795	1%	0.0%
Drywall and insulation	238310	0	178	0.00%	\$ 177,477	0%	0.0%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 6,419,944	17%	1.0%
general road construction and widening		6	114	5.26%	\$ 279,359	1%	0.0%
Pavement milling		3	35	8.57%	\$ 239,451	1%	0.1%
Drilling and foundations		2	60	3.33%	\$ 2,619,706	7%	0.2%
Landscaping and related work including erosion control		5	108	4.63%	\$ 121,893	0%	0.0%
Asphalt and concrete paving		5	78	6.41%	\$ 2,926,910	8%	0.5%
Pavement surface treatment (such as sealing)		2	40	5.00%	\$ 221,094	1%	0.0%
Electrical work including lighting and signals		0	37	0.00%	\$ 581,196	2%	0.0%
Temporary traffic control		5	50	10.00%	\$ 16,547	0%	0.0%
Striping or pavement marking		1	26	3.85%	\$ 145,159	0%	0.0%
Trucking and hauling		5	152	3.29%	\$ 442,402	1%	0.0%
Surveying and mapping		1	66	1.52%	\$ 185,171	0%	0.0%
Structural steel work		2	37	5.41%	\$ 2,000,617	5%	0.3%
Engineering		3	83	3.61%	\$ 4,710,497	12%	0.5%
Total		66	3602	1.83%	\$ 37,744,797	100%	3.2%

Step 2: Adjustments to the Base Figure

During Step 2, MDT examined all evidence available in its jurisdiction to determine what adjustment, if any, is needed to the base figure to arrive at the overall DBE participation goal. MDT considered the following Step 2 adjustments:

- Current capacity of DBEs to perform work, as measured by the volume of work DBEs have performed in recent years;
- Information related to employment, self-employment, education, training and unions;
- Any disparities in the ability of DBEs to get financing, bonding, and insurance; and
- Other relevant factors

Current Capacity

To determine the impacts of the current local market conditions and work performed by DBE firms in recent years, MDT reviewed the Uniform Report of DBE Awards or Commitments and Payments from Federal Fiscal Years 2014-2020. Table 2 indicates DBE utilization based on awards or commitments for the past seven years.

Table 2 – DBE Utilization for Federal Fiscal Years 2014 through 2020

Federal Fiscal Year	% DBE Utilization	Work Type
2020	0%	Conduct Environmental Study
2019	1.62%	Rehabilitate Runway 01/19
2018	n/a	No grants awarded during this period
2017	n/a	No grants awarded during this period
2016	0%	Conduct Airport Master Plan, Construct Helipad, Install Apron Lights, NAVAIDS, Rehab Apron and Taxiway
2015	0%	Rehabilitate Apron and Taxiway, Remove Obstructions
2014	0%	Construct Aircraft Rescue & Fire Fighting Building

In years where there were contracts awarded, DBE utilization ranged from no participation to a high of 1.62% of total contract dollars awarded. There were similar projects to the future work planned for Federal Fiscal Years (FFY) 2019, 2016, 2015, and 2014. Therefore, MDT calculated past participation using both the median (0%) and mean (0.4%) for those 4 years. The mean calculation is more aligned with the anticipated participation for future projects at Yellowstone Airport and more accurately portrays DBE participation for airport related work in the southwest corner of Montana. Therefore, MDT elected to use the mean calculation of 0.4% for a current capacity adjustment to the Step 1 figures.

Employment, Education, Training, and Unions

The 2016 Disparity Study conducted analysis related to marketplace conditions in Montana and found that there are barriers that certain minority groups and women face related to entry and advancement and business ownership in the Montana

construction and engineering industries. Specifically, Native Americans working in the Montana construction industry were less likely than non-minorities to own construction businesses and women working in the Montana engineering industry were less likely than men to own engineering companies.

Keen Independent estimated the availability of minority- and women-owned firms but for the effects of race- and gender-based discrimination and determined there could be a possible upward adjustment to the base figure (calculation shown in Figure 9-3 in the Disparity Study). The amount as it relates to the work types at the Yellowstone Airport is not quantifiable, therefore, MDT chose not to make a step 2 adjustment based on this data.

Financing, Bonding, and Insurance

The 2016 Disparity Study found quantitative and qualitative evidence of disadvantages for minorities, women, and minority- and women-owned firms relating to access to financing and bonding. Although the analysis indicates an upward adjustment could be made to address these barriers, the impact of those factors could not be quantified (2016 Disparity Study, Chapter 9, Page 9). As a result, MDT chose not to make this Step 2 adjustment.

Other Factors

The other factors examined in the 2016 Disparity Study were related to success of minority- and women-owned firms relative to majority-owned businesses in the Montana marketplace. The Study noted quantitative evidence that minority- and women-owned firms are less successful than majority-owned firms and face greater barriers in the marketplace. There was also qualitative information that suggests discrimination based on race, ethnicity and gender affects minority- and women-owned firms in the Montana transportation contracting industry. Although the analysis indicates an upward adjustment could be made to address these barriers, the impact of those factors could not be quantified (2016 Disparity Study, Chapter 9, Page 9). As a result, MDT chose not to make this Step 2 adjustment.

Final Step 2 Adjustments to Step 1 Base Figure

After examining all evidence available and evaluating all Step 2 adjustment criteria, MDT will apply the mean past DBE participation (0.4%) to the Step 1 Base Figure (3.2%) by calculating the average:

$$(3.2 + 0.4) / 2 = 1.8\%$$

MDT adjusts the Step 1 Base Figure to an overall DBE participation goal for FFY 2022-2024 of 1.8%. The step 2 adjustment for each individual FFY is in Table 3.

Table 3 – DBE Goals for each Federal Fiscal Year

FFY	Step 1 Goal	Step 2 Adjustment	Final Goal
2022	3.0%	0.4%	1.7%
2023	3.1%	0.4%	1.8%
2024	4.9%	0.4%	2.7%

Race Conscious / Race Neutral Evaluation

The 2016 Disparity Study indicated that race- and possibly gender-conscious means may need to be implemented for the portion of the overall goal that cannot be met solely through race neutral measures. While race- and possibly gender-conscious methods may be used, Yellowstone Airport has achieved 1.62% participation through race neutral measures in the past. Considering the overall goal is 1.8% and the additional race neutral measures that MDT has implemented, MDT can meet its overall DBE goal solely through race neutral measures. Furthermore, to comply with 49 CFR 26.51, where the maximum feasible portion of the overall DBE goal must be met through race- and gender-neutral measures MDT proposes to meet the overall goal solely through race neutral measures. If the Uniform Report indicates that the Airport fell short or will fall short of meeting the overall goal, MDT will re-evaluate how much of the overall goal can be met through race neutral means and implement race conscious measures (i.e. project specific goals) to meet the remainder of the goal.

Race Neutral Initiatives

To meet the overall 1.8% DBE goal, MDT is committed to implementing race neutral measures that encourage small business and DBE participation. MDT has implemented several race neutral measures to ensure the maximum feasible portion of the overall goal is achieved through race neutral means, in accordance with 49 CFR 26.51. These include:

- A Quote Request System that allows a prime contractor to solicit bids from DBE and SBE firms. <https://app.mdt.mt.gov/dbeq/>
- Ensuring a reasonable number of prime contracts are of a size that small businesses can reasonably perform. As indicated in the 2016 Disparity Study, more than one-half of MDT's projects were categorized as being small contracts (under \$250,000).

MDT provides the following Supportive Services for DBEs and SBEs:

- Long-term development assistance to increase opportunities
- Trainings in contracting procedures
- Assistance to start-up firms; and
- Identification of potential DBEs and SBEs

Submission and Publication of Goal

On July 20, 2021, MDT published its proposed DBE goal and methodology (FFY 2022-2024) for contracts at Yellowstone Airport using FAA funds. MDT posted the information on MDT's website and sent the information to interested parties, including MDT's certified DBE firms.

The proposed Goal Methodology was available for review on MDT's website and at MDT's Headquarters Building, Office of Civil Rights, 2701 Prospect Avenue, Room 201, Helena, Montana.

MDT held a virtual public hearing on July 21, 2021, concerning the proposed overall DBE goal, which had ____ attendees. The hearing was recorded and added to MDT's website for those unable to attend the meeting. Public comments were accepted through verbal testimony at the hearing, email, or mail.

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Appendix A – Weighted Step 1 DBE Goal by Year and Project

FY2022 Project No. 1: Construct Terminal							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Non Residential Building Construction (Commercial and Institutional Building Construction) - General Conditions	236220	5	180	2.78%	\$ 1,358,531	11%	0.3%
Surveying and mapping		1	66	1.52%	\$ 51,073	0%	0.0%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 425,606	3%	0.2%
Drilling and foundations		2	60	3.33%	\$ 1,191,696	10%	0.3%
Masonry	238140	1	119	0.84%	\$ 214,505	2%	0.0%
Structural steel work		2	37	5.41%	\$ 1,191,696	10%	0.5%
Carpentry/Framing	238130	2	156	1.28%	\$ 510,727	4%	0.1%
Building Finishing Contractors (Thermal and Moisture Protection)	238170	1	92	1.09%	\$ 1,532,180	12%	0.1%
Doors and Windows	238350	1	241	0.41%	\$ 520,941	4%	0.0%
Building Finishing Contractors (Painting and Wall Covering Contractors)	238320	0	230	0.00%	\$ 170,242	1%	0.0%
Building Finishing Contractors (Flooring Contractors)	238330	0	113	0.00%	\$ 439,225	4%	0.0%
Specialty (Signs and Banners)	339950	2	30	6.67%	\$ 42,561	0%	0.0%
Furnishings	238390	3	25	12.00%	\$ 296,222	2%	0.3%
Conveying Systems (Baggage Handling)	333922	0	0	0.00%	\$ 551,585	4%	0.0%
Building Equipment Contractors (Plumbing, Heating, and Air-Conditioning Contractors and Fire Suppression)	238220	0	641	0.00%	\$ 1,889,689	15%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors and Security)	238210	3	471	0.64%	\$ 1,726,257	14%	0.1%
Engineering		3	83	3.61%	\$ 340,484	3%	0.1%
Total		33	2661	1.24%	\$ 12,453,220	100%	2.0%
FY2022 Project No. 2: Architectural, Engineering, and Grant Administration for Terminal Construction							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Engineering	541310	3	83	3.61%	\$ 1,391,272	100%	3.6%
Total		3	83	3.61%	\$ 1,391,272	100%	3.6%
FY2022 Project No. 3: Construct Access Road							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Asphalt and concrete paving		5	78	6.41%	\$ 65,853	20%	1.3%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 163,374	50%	3.0%
Electrical work including lighting and signals		0	37	0.00%	\$ 3,371	1%	0.0%
Temporary traffic control		5	50	10.00%	\$ 2,408	1%	0.1%
Striping or pavement marking		1	26	3.85%	\$ 4,334	1%	0.1%
Landscaping and related work including erosion control		5	108	4.63%	\$ 5,297	2%	0.1%
Trucking and hauling		5	152	3.29%	\$ 12,520	4%	0.1%
Surveying and mapping		1	66	1.52%	\$ 6,260	2%	0.0%
Engineering		3	83	3.61%	\$ 65,854	20%	0.7%
Total		32	717	4.46%	\$ 329,271	100%	5.4%

FY2022 Project No. 4: Construct Parking Lot							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Asphalt and concrete paving		5	78	6.41%	\$ 52,439	20%	1.3%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 130,094	50%	3.0%
Electrical work including lighting and signals		0	37	0.00%	\$ 2,684	1%	0.0%
Temporary traffic control		5	50	10.00%	\$ 1,917	1%	0.1%
Striping or pavement marking		1	26	3.85%	\$ 3,451	1%	0.1%
Landscaping and related work including erosion control		5	108	4.63%	\$ 4,218	2%	0.1%
Trucking and hauling		5	152	3.29%	\$ 9,969	4%	0.1%
Surveying and mapping		1	66	1.52%	\$ 4,985	2%	0.0%
Engineering		3	83	3.61%	\$ 52,440	20%	0.7%
Total		32	717	4.46%	\$ 262,197	100%	5.4%

FY2022 Project No. 5: Construct Concrete Apron Inlay							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Asphalt and concrete paving		5	78	6.41%	\$ 216,000	20%	1.3%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 535,861	50%	3.0%
Electrical work including lighting and signals		0	37	0.00%	\$ 11,056	1%	0.0%
Temporary traffic control		5	50	10.00%	\$ 7,897	1%	0.1%
Striping or pavement marking		1	26	3.85%	\$ 14,215	1%	0.1%
Landscaping and related work including erosion control		5	108	4.63%	\$ 17,374	2%	0.1%
Trucking and hauling		5	152	3.29%	\$ 41,065	4%	0.1%
Surveying and mapping		1	66	1.52%	\$ 20,532	2%	0.0%
Engineering		3	83	3.61%	\$ 216,000	20%	0.7%
Total		32	717	4.46%	\$ 1,080,000	100%	5.4%

FY2022 Project No. 6: Construct Water Improvements							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 1,457,924	84%	5.0%
Landscaping and related work including erosion control		5	108	4.63%	\$ 17,356	1%	0.0%
Engineering		3	83	3.61%	\$ 260,344	15%	0.5%
Total		15	308	4.87%	\$ 1,735,624	100%	5.5%

FY2022 Project No. 7: Construct Sewer Improvements							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 456,458	84%	5.0%
Landscaping and related work including erosion control		5	108	4.63%	\$ 5,434	1%	0.0%
Engineering		3	83	3.61%	\$ 81,510	15%	0.5%
Total		15	308	4.87%	\$ 543,402	100%	5.5%

FY2022 Project No. 8: Construct Revenue Generating Hangar / GA Terminal							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 255,682	17%	1.0%
Drilling and foundations		2	60	3.33%	\$ 340,909	23%	0.8%
Carpentry/Framing	238130	2	156	1.28%	\$ 340,909	23%	0.3%
Roofing	238160	1	123	0.81%	\$ 170,455	11%	0.1%
Drywall and insulation	238310	0	178	0.00%	\$ 102,273	7%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors)	238210	3	471	0.64%	\$ 136,364	9%	0.1%
Engineering		3	83	3.61%	\$ 153,408	10%	0.4%
Total		18	1188	1.52%	\$ 1,500,000	100%	2.7%
FY2022 All Projects							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Non Residential Building Construction (Commercial and Institutional Building Construction) - General Conditions	236220	5	180	2.78%	\$ 1,358,531	7%	0.2%
Masonry	238140	1	119	0.84%	\$ 214,505	1%	0.0%
Carpentry/Framing	238130	2	156	1.28%	\$ 851,636	4%	0.1%
Building Finishing Contractors (Thermal and Moisture Protection)	238170	1	92	1.09%	\$ 1,532,180	8%	0.1%
Doors and Windows	238350	1	241	0.41%	\$ 520,941	3%	0.0%
Building Finishing Contractors (Painting and Wall Covering Contractors)	238320	0	230	0.00%	\$ 170,242	1%	0.0%
Building Finishing Contractors (Flooring Contractors)	238330	0	113	0.00%	\$ 439,225	2%	0.0%
Specialty (Signs and Banners)	339950	2	30	6.67%	\$ 42,561	0%	0.0%
Furnishings	238390	3	25	12.00%	\$ 296,222	2%	0.2%
Conveying Systems (Baggage Handling)	333922	0	0	0.00%	\$ 551,585	3%	0.0%
Building Equipment Contractors (Plumbing, Heating, and Air-Conditioning Contractors and Fire Suppression)	238220	0	641	0.00%	\$ 1,889,689	10%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors)	238210	3	471	0.64%	\$ 1,862,621	10%	0.1%
Roofing	238160	1	123	0.81%	\$ 170,455	1%	0.0%
Drywall and insulation	238310	0	178	0.00%	\$ 102,273	1%	0.0%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 3,424,999	18%	1.1%
Landscaping and related work including erosion control		5	108	4.63%	\$ 49,679	0%	0.0%
Asphalt and concrete paving		5	78	6.41%	\$ 334,292	2%	0.1%
Electrical work including lighting and signals		0	37	0.00%	\$ 17,111	0%	0.0%
Temporary traffic control		5	50	10.00%	\$ 12,222	0%	0.0%
Striping or pavement marking		1	26	3.85%	\$ 22,000	0%	0.0%
Trucking and hauling		5	152	3.29%	\$ 63,554	0%	0.0%
Surveying and mapping		1	66	1.52%	\$ 82,850	0%	0.0%
Drilling and foundations		2	60	3.33%	\$ 1,532,605	8%	0.3%
Structural steel work		2	37	5.41%	\$ 1,191,696	6%	0.3%
Engineering		3	83	3.61%	\$ 2,561,312	13%	0.5%
Total		55	3413	1.61%	\$ 19,294,986	100%	3.0%

FY2023 Project No. 1: Construct Terminal							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Non Residential Building Construction (Commercial and Institutional Building Construction) - General Conditions	236220	5	180	2.78%	\$ 922,168	11%	0.3%
Surveying and mapping		1	66	1.52%	\$ 34,668	0%	0.0%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 288,900	3%	0.2%
Drilling and foundations		2	60	3.33%	\$ 808,921	10%	0.3%
Masonry	238140	1	119	0.84%	\$ 145,606	2%	0.0%
Structural steel work		2	37	5.41%	\$ 808,921	10%	0.5%
Carpentry/Framing	238130	2	156	1.28%	\$ 346,680	4%	0.1%
Building Finishing Contractors (Thermal and Moisture Protection)	238170	1	92	1.09%	\$ 1,040,041	12%	0.1%
Doors and Windows	238350	1	241	0.41%	\$ 353,614	4%	0.0%
Building Finishing Contractors (Painting and Wall Covering Contractors)	238320	0	230	0.00%	\$ 115,560	1%	0.0%
Building Finishing Contractors (Flooring Contractors)	238330	0	113	0.00%	\$ 298,145	4%	0.0%
Specialty (Signs and Banners)	339950	2	30	6.67%	\$ 28,890	0%	0.0%
Furnishings	238390	3	25	12.00%	\$ 201,075	2%	0.3%
Conveying Systems (Baggage Handling)	333922	0	0	0.00%	\$ 374,415	4%	0.0%
Building Equipment Contractors (Plumbing, Heating, and Air-Conditioning Contractors and Fire Suppression)	238220	0	641	0.00%	\$ 1,282,717	15%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors and Security)	238210	3	471	0.64%	\$ 1,171,779	14%	0.1%
Engineering		3	83	3.61%	\$ 231,120	3%	0.1%
Total		33	2661	1.24%	\$ 8,453,220	100%	2.0%
FY2023 Project No. 2: Construct Access Road							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Asphalt and concrete paving		5	78	6.41%	\$ 65,853	20%	1.3%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 163,374	50%	3.0%
Electrical work including lighting and signals		0	37	0.00%	\$ 3,371	1%	0.0%
Temporary traffic control		5	50	10.00%	\$ 2,408	1%	0.1%
Striping or pavement marking		1	26	3.85%	\$ 4,334	1%	0.1%
Landscaping and related work including erosion control		5	108	4.63%	\$ 5,297	2%	0.1%
Trucking and hauling		5	152	3.29%	\$ 12,520	4%	0.1%
Surveying and mapping		1	66	1.52%	\$ 6,260	2%	0.0%
Engineering		3	83	3.61%	\$ 65,854	20%	0.7%
Total		32	717	4.46%	\$ 329,271	100%	5.4%

FY2023 Project No. 3: Construct Parking Lot							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Asphalt and concrete paving		5	78	6.41%	\$ 52,439	20%	1.3%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 130,094	50%	3.0%
Electrical work including lighting and signals		0	37	0.00%	\$ 2,684	1%	0.0%
Temporary traffic control		5	50	10.00%	\$ 1,917	1%	0.1%
Striping or pavement marking		1	26	3.85%	\$ 3,451	1%	0.1%
Landscaping and related work including erosion control		5	108	4.63%	\$ 4,218	2%	0.1%
Trucking and hauling		5	152	3.29%	\$ 9,969	4%	0.1%
Surveying and mapping		1	66	1.52%	\$ 4,985	2%	0.0%
Engineering		3	83	3.61%	\$ 52,440	20%	0.7%
Total		32	717	4.46%	\$ 262,197	100%	5.4%

FY2023 Project No. 4: Construct Water Improvements							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 1,457,924	84%	5.0%
Landscaping and related work including erosion control		5	108	4.63%	\$ 17,356	1%	0.0%
Engineering		3	83	3.61%	\$ 260,344	15%	0.5%
Total		15	308	4.87%	\$ 1,735,624	100%	5.5%

FY2023 Project No. 5: Construct Sewer Improvements							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 456,458	84%	5.0%
Landscaping and related work including erosion control		5	108	4.63%	\$ 5,434	1%	0.0%
Engineering		3	83	3.61%	\$ 81,510	15%	0.5%
Total		15	308	4.87%	\$ 543,402	100%	5.5%

FY2023 Project No. 6: Rehabilitate RW 1/19 Design							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Surveying and mapping		1	66	1.52%	\$ 15,000	4%	0.1%
Engineering		3	83	3.61%	\$ 329,550	96%	3.5%
Total		4	149	2.68%	\$ 344,550	100%	3.6%

FY2023 Project No. 7: Rehabilitate Runway Lighting Design							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Surveying and mapping		1	66	1.52%	\$ 1,000	4%	0.1%
Engineering		3	83	3.61%	\$ 22,455	96%	3.5%
Total		4	149	2.68%	\$ 23,455	100%	3.6%

FY2023 Project No. 8: Rehabilitate Taxiway Lighting Design							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Surveying and mapping		1	66	1.52%	\$ 500	4%	0.1%
Engineering		3	83	3.61%	\$ 12,130	96%	3.5%
Total		4	149	2.68%	\$ 12,630	100%	3.6%

FY2023 Project No. 9: Design and Construct Rehabilitate Taxiway Pavement Maintenance							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Striping or pavement marking		1	26	3.85%	\$ 23,397	14%	0.5%
Pavement surface treatment (such as sealing)		2	40	5.00%	\$ 92,961	56%	2.8%
Engineering		3	83	3.61%	\$ 48,292	29%	1.1%
Total		6	149	4.03%	\$ 164,650	100%	4.4%

FY2023 Project No. 10: Design and Construct Apron Rehabilitate Pavement Maintenance							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Striping or pavement marking		1	26	3.85%	\$ 12,160	14%	0.5%
Pavement surface treatment (such as sealing)		2	40	5.00%	\$ 48,316	56%	2.8%
Engineering		3	83	3.61%	\$ 25,099	29%	1.1%
Total		6	149	4.03%	\$ 85,575	100%	4.4%

FY2023 Project No. 11: Construct Snow Removal Equipment Building							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 188,010	17%	1.0%
Drilling and foundations		2	60	3.33%	\$ 250,680	23%	0.8%
Carpentry/Framing	238130	2	156	1.28%	\$ 250,680	23%	0.3%
Roofing	238160	1	123	0.81%	\$ 125,340	11%	0.1%
Drywall and insulation	238310	0	178	0.00%	\$ 75,204	7%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors)	238210	3	471	0.64%	\$ 100,272	9%	0.1%
Engineering		3	83	3.61%	\$ 112,806	10%	0.4%
Total		18	1188	1.52%	\$ 1,102,992	100%	2.7%

FY2023 Project No. 12: Demo Existing Snow Removal Equipment Building							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 96,008	65%	3.9%
Trucking and hauling		5	152	3.29%	\$ 37,000	25%	0.8%
Engineering		3	83	3.61%	\$ 14,000	10%	0.3%
Total		15	352	4.26%	\$ 147,008	100%	5.0%

FY2023 All Projects							
Work Type	NAICS Code	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Non Residential Building Construction (Commercial and Institutional Building Construction) - General Conditions	236220	5	180	2.78%	\$ 922,168	7%	0.2%
Masonry	238140	1	119	0.84%	\$ 145,606	1%	0.0%
Carpentry/Framing	238130	2	156	1.28%	\$ 597,360	5%	0.1%
Building Finishing Contractors (Thermal and Moisture Protection)	238170	1	92	1.09%	\$ 1,040,041	8%	0.1%
Doors and Windows	238350	1	241	0.41%	\$ 353,614	3%	0.0%
Building Finishing Contractors (Painting and Wall Covering Contractors)	238320	0	230	0.00%	\$ 115,560	1%	0.0%
Building Finishing Contractors (Flooring Contractors)	238330	0	113	0.00%	\$ 298,145	2%	0.0%
Specialty (Signs and Banners)	339950	2	30	6.67%	\$ 28,890	0%	0.0%
Furnishings	238390	3	25	12.00%	\$ 201,075	2%	0.2%
Conveying Systems (Baggage Handling)	333922	0	0	0.00%	\$ 374,415	3%	0.0%
Building Equipment Contractors (Plumbing, Heating, and Air-Conditioning Contractors and Fire Suppression)	238220	0	641	0.00%	\$ 1,282,717	10%	0.0%
Building Equipment Contractors (Electrical Contractors and Other Wiring Installation Contractors)	238210	3	471	0.64%	\$ 1,272,051	10%	0.1%
Roofing	238160	1	123	0.81%	\$ 125,340	1%	0.0%
Drywall and insulation	238310	0	178	0.00%	\$ 75,204	1%	0.0%
Excavation, site prep, grading, and drainage		7	117	5.98%	\$ 2,780,768	21%	1.3%
Landscaping and related work including erosion control		5	108	4.63%	\$ 32,305	0%	0.0%
Asphalt and concrete paving		5	78	6.41%	\$ 118,292	1%	0.1%
Pavement surface treatment (such as sealing)		2	40	5.00%	\$ 141,277	1%	0.1%
Electrical work including lighting and signals		0	37	0.00%	\$ 6,055	0%	0.0%
Temporary traffic control		5	50	10.00%	\$ 4,325	0%	0.0%
Striping or pavement marking		1	26	3.85%	\$ 43,342	0%	0.0%
Trucking and hauling		5	152	3.29%	\$ 59,489	0%	0.0%
Surveying and mapping		1	66	1.52%	\$ 62,413	0%	0.0%
Drilling and foundations		2	60	3.33%	\$ 1,059,601	8%	0.3%
Structural steel work		2	37	5.41%	\$ 808,921	6%	0.3%
Engineering		3	83	3.61%	\$ 1,255,600	10%	0.3%
Total		57	3453	1.65%	\$ 13,204,574	100%	3.1%

FY2024 Project No. 1: Demolition of Terminal							
Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability	
Excavation, site prep, grading, and drainage	7	117	5.98%	\$ 119,360	75%	4.5%	
Trucking and hauling	5	152	3.29%	\$ 40,000	25%	0.8%	
Total	12	269	4.46%	\$ 159,360	100%	5.3%	

FY2024 Project No. 2: Construct Rehabilitate RW 1/19

Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Asphalt and concrete paving	5	78	6.41%	\$ 2,474,326	62%	4.0%
general road construction and widening	6	114	5.26%	\$ 279,359	7%	0.4%
Excavation, site prep, grading, and drainage	7	117	5.98%	\$ 79,817	2%	0.1%
Striping or pavement marking	1	26	3.85%	\$ 79,817	2%	0.1%
Landscaping and related work including erosion control	5	108	4.63%	\$ 39,908	1%	0.0%
Pavement surface treatment (such as sealing)	2	40	5.00%	\$ 79,817	2%	0.1%
Pavement milling	3	35	8.57%	\$ 239,451	6%	0.5%
Trucking and hauling	5	152	3.29%	\$ 279,359	7%	0.2%
Surveying and mapping	1	66	1.52%	\$ 39,908	1%	0.0%
Engineering	3	83	3.61%	\$ 399,085	10%	0.4%
Total	38	819	4.64%	\$ 3,990,847	100%	5.8%

FY2024 Project No. 3: Construct Rehabilitate Runway Lighting

Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Electrical work including lighting and signals	0	37	0.00%	\$ 260,340	90%	0.0%
Engineering	3	83	3.61%	\$ 28,930	10%	0.4%
Total	3	120	2.50%	\$ 289,270	100%	0.4%

FY2024 Project No. 4: Construct Rehabilitate Taxiway Lighting

Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Electrical work including lighting and signals	0	37	0.00%	\$ 140,190	90%	0.0%
Engineering	3	83	3.61%	\$ 15,570	10%	0.4%
Total	3	120	2.50%	\$ 155,760	100%	0.4%

FY2024 Project No. 5: Conduct Airport Master Plan Study

Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Engineering	3	83	3.61%	\$ 400,000	100%	3.6%
Total	3	83	3.61%	\$ 400,000	100%	3.6%

FY2024 Project No. 6: Installation of Automated Weather Observation Station (AWOS)						
Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage	7	117	5.98%	\$ 15,000	0%	0.0%
Drilling and foundations	2	60	3.33%	\$ 27,500	1%	0.0%
Electrical work including lighting and signals	0	37	0.00%	\$ 157,500	4%	0.0%
Engineering	3	83	3.61%	\$ 50,000	1%	0.0%
Total	12	297	4.04%	\$ 250,000	6%	0.0%
FY2024 All Projects						
Work Type	# DBE Firms	# of Total Firms	DBE Availability	Estimated Dollar Value	% of Total Contract	Weighted DBE Availability
Excavation, site prep, grading, and drainage	7	117	5.98%	\$ 214,177	4%	0.2%
Drilling and foundations	2	60	3.33%	\$ 27,500	1%	0.0%
general road construction and widening	6	114	5.26%	\$ 279,359	5%	0.3%
Pavement milling	3	35	8.57%	\$ 239,451	5%	0.4%
Landscaping and related work including erosion control	5	108	4.63%	\$ 39,908	1%	0.0%
Asphalt and concrete paving	5	78	6.41%	\$2,474,326	47%	3.0%
Pavement surface treatment (such as sealing)	2	40	5.00%	\$ 79,817	2%	0.1%
Electrical work including lighting and signals	0	37	0.00%	\$ 558,030	11%	0.0%
Striping or pavement marking	1	26	3.85%	\$ 79,817	2%	0.1%
Trucking and hauling	5	152	3.29%	\$ 319,359	6%	0.2%
Surveying and mapping	1	66	1.52%	\$ 39,908	1%	0.0%
Engineering	3	83	3.61%	\$ 893,585	17%	0.6%
Total	40	916	4.37%	\$ 5,245,237	100%	4.9%