

## ATTACHMENT 5 OVERALL GOAL CALCULATIONS

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### Overall DBE Three-Year Goal Methodology

**Name of Recipient:** Artesia Municipal Airport, Artesia, New Mexico

**Goal Period:** FY-2022-2023-2024 – October 1, 2022 through September 30, 2024

<b>DOT-assisted Contract Amount:</b>	FY-2022	\$	405,000
	FY-2023	\$	4,950,000
	FY-2024	\$	585,000
	<b>Total</b>	<b>\$</b>	<b>5,940,000</b>

**Overall Three-Year Goal:** 5.56%, to be accomplished through 5.56% RC and 0% RN

**Total Dollar Amount to be Expended on DBEs:** \$330,537.50

### Describe the Number and Type of Contracts that the Airport Anticipates Awarding:

Contracts Fiscal Year 2022

1. Reconstruct Taxiway A (Design) - \$405,000

Contracts Fiscal Year 2023

1. Reconstruct Taxiway A (Construction) - \$4,950,000

Contracts Fiscal Year 2024

1. Rehabilitate Runway 13/31 - \$315,000
2. Update Airport Master Plan - \$270,000

**Market Area:** The market area was identified as the counties of:

- Bernalillo (87114, 87111, 87120, 87121, 87109, 87112, 87105, 87123, 87110, 87108, 87107, 87106, 87102, 87122, 87113, 87104, 87015, 87059, 87047, 87116, 87068, 87008, 199, 87193, 87026, 87154, 87195, 87176, 87125, 87198, 87181, 87022, 87196, 87197, 87191, 87192, 87184, 87190, 87194, 87119, 87153, 87185, 87187, 87103, 87165, 87101, 87117, 87131, 87151, 87158)
- Dona Ana (88011, 88001, 88012, 88005, 88007, 88021, 88081, 88063, 88008, 88047, 88044, 88048, 87937, 88004, 88046, 88033, 88032, 88013, 88002, 88027, 87941, 88052, 88072, 88024, 88054, 88058, 87940, 88003, 87936, 88006)
- Otero (88310, 88311, 88314, 88317, 88325, 88330, 88337, 88339, 88340, 88342, 88344, 88347, 88349, 88350, 88352, 88354)
- Chaves (88203, 88201, 88230, 88202, 88232, 88339, 88253, 88116, 88250, 88344)
- Eddy (88220, 88210, 88221, 88211, 88256, 88254, 88263, 88255, 88268)
- Lea (88240, 88260, 88242, 88241, 88231, 88252, 88267, 88265, 88264, 88114, 88125, 88262, 88213, 88244)

The Sponsor has found that a substantial majority of the contractors and subcontractors who perform work for the Airport are located within these counties, and the Sponsor spends a substantial amount of their contracting dollars within these counties.

## Step 1. Actual Relative Availability of DBEs

The base figure for the relative availability was calculated as follows:

Data was used from DBE Directories and the Census Bureau in order to calculate the base figure for each project. The New Mexico DBE Directory was used to determine the number of ready, willing, and able DBEs available in our market area to perform work under the relevant NAICS codes. The Census Bureau's County Business Pattern (CBP) data base was used to determine the ready, willing, and able businesses in our market area to perform work under the same NAICS codes. To determine relative availability, the number of DBEs was divided by the number of all businesses. To determine a base figure, that value was weighted proportionally to the dollar amount of available work specific to each NAICS code.

### Method:

Information from the States DBE Directory and the Census Bureau's County Business Pattern (CBP) data base can be obtained from the following websites:

New Mexico DBE Directory <https://nmdot.dbesystem.com/Default.asp>

Census Bureau Data <https://data.census.gov/cedsci/>

Weighted Availability of DBE firms:

For Fiscal Year 2022, award of the following is anticipated:

<i>Contract Name</i>	<i>Trade Description</i>	<i>NAICS</i>	<i>Trade (\$)</i>	<i>Census</i>	<i>Directory</i>	<i>DBE (%)</i>	<i>DBE (\$)</i> <i>(= Trade \$ x DBE %)</i>
<i>Contract No.1 Reconstruct Taxiway A (Design)</i>	<i>Civil Engineering</i>	<i>541330</i>	<i>\$290,000</i>	<i>401</i>	<i>7</i>	<i>1.75%</i>	<i>\$5,075</i>
	<i>Drafting Services</i>	<i>541340</i>	<i>\$65,000</i>	<i>11</i>	<i>1</i>	<i>9.09%</i>	<i>\$5,908.50</i>
	<i>Surveying and Mapping</i>	<i>541370</i>	<i>\$25,000</i>	<i>69</i>	<i>1</i>	<i>1.45%</i>	<i>\$362.50</i>
	<i>Material Testing</i>	<i>541380</i>	<i>\$25,000</i>	<i>39</i>	<i>2</i>	<i>5.13%</i>	<i>\$1,282.50</i>
<b><i>Total Contract No.1</i></b>			<b><i>\$405,000</i></b>			<b><i>3.12%</i></b>	<b><i>\$12,628.50</i></b> <b><i>(3.12% of \$405,000)</i></b>
<b><i>Total FY- 2022</i></b>			<b><i>\$405,000</i></b>				<b><i>\$12,628.50</i></b> <b><i>(3.12%)</i></b>

$$DBE (\$) = \left( \frac{DBE \text{ Directory}}{Census} \right) * Trade(\$) \quad \text{Weighted Average Goal} = \frac{\sum DBE (\$)}{\sum \text{Contract Amounts} (\$)} * 100 = \frac{\$12,628.50}{\$405,000} * 100 = 3.12\%$$

For Fiscal Year 2023, award of the following is anticipated:

<i>Contract Name</i>	<i>Trade Description</i>	<i>NAICS</i>	<i>Trade (\$)</i>	<i>Census</i>	<i>Directory</i>	<i>DBE (%)</i>	<i>DBE (\$)</i> <i>(= Trade \$ x DBE %)</i>
<i>Contract No.1 Reconstruct Taxiway A (Construction)</i>	<i>Construction Sand and Gravel Mining</i>	<i>212321</i>	<i>\$900,000</i>	<i>19</i>	<i>2</i>	<i>10.53%</i>	<i>\$94,770.00</i>
	<i>Pavement Striping</i>	<i>237310</i>	<i>\$70,000</i>	<i>71</i>	<i>6</i>	<i>8.45%</i>	<i>\$5,915.00</i>
	<i>Highway Street and Bridge Construction (Asphalt Paving)</i>	<i>237310</i>	<i>\$1,900,000</i>	<i>69</i>	<i>6</i>	<i>8.70%</i>	<i>\$165,300.00</i>
	<i>Site Preparation Contractor</i>	<i>238910</i>	<i>\$150,000</i>	<i>214</i>	<i>6</i>	<i>2.80%</i>	<i>\$4,200.00</i>
	<i>Asphalt Manufacturer</i>	<i>324121</i>	<i>\$750,000</i>	<i>14</i>	<i>0</i>	<i>0.00%</i>	<i>\$-</i>
	<i>Trucking</i>	<i>484110</i>	<i>\$750,000</i>	<i>134</i>	<i>3</i>	<i>2.24%</i>	<i>\$16,800.00</i>
	<i>Civil Engineering</i>	<i>541330</i>	<i>\$130,000</i>	<i>401</i>	<i>7</i>	<i>1.75%</i>	<i>\$2,275.00</i>
	<i>Drafting Services</i>	<i>541340</i>	<i>\$15,000</i>	<i>11</i>	<i>1</i>	<i>9.09%</i>	<i>\$1,363.50</i>
	<i>Surveying and Mapping</i>	<i>541370</i>	<i>\$90,000</i>	<i>69</i>	<i>1</i>	<i>1.45%</i>	<i>\$1,305.00</i>
	<i>Material Testing</i>	<i>541380</i>	<i>\$150,000</i>	<i>39</i>	<i>2</i>	<i>5.13%</i>	<i>\$7,695.00</i>
	<i>Landscaping</i>	<i>561730</i>	<i>\$45,000</i>	<i>353</i>	<i>6</i>	<i>1.70%</i>	<i>\$765.00</i>
<b>Total Contract No.1</b>			<b>\$4,950,000</b>			<b>6.07%</b>	<b>\$300,388.50</b> <b>(6.07% of 4,950,000)</b>
<b>Total FY- 2023</b>			<b>\$4,950,000</b>				<b>\$300,388.50</b> <b>(6.07%)</b>

$$DBE (\$) = \left( \frac{DBE \text{ Directory}}{Census} \right) * Trade(\$) \quad \text{Weighted Average Goal} = \frac{\sum DBE (\$)}{\sum \text{Contract Amounts} (\$)} * 100 = \frac{\$300,388.50}{\$4,950,000} * 100 = 6.07\%$$

For Fiscal Year 2024, award of the following is anticipated:

<i>Contract Name</i>	<i>Trade Description</i>	<i>NAICS</i>	<i>Trade (\$)</i>	<i>Census</i>	<i>Directory</i>	<i>DBE (%)</i>	<i>DBE (\$)</i> <i>(= Trade \$ x DBE %)</i>
<i>Contract No.1</i> <i>Rehabilitate</i> <i>Runway 13/31</i>	<i>Pavement Striping</i>	<i>237310</i>	<i>\$40,000</i>	<i>71</i>	<i>6</i>	<i>8.45%</i>	<i>\$3,380.00</i>
	<i>Asphalt Surface Treatment</i>	<i>237310</i>	<i>\$30,000</i>	<i>69</i>	<i>6</i>	<i>8.70%</i>	<i>\$2,610.00</i>
	<i>Site Preparation Contractor</i>	<i>238910</i>	<i>\$40,000</i>	<i>214</i>	<i>6</i>	<i>2.80%</i>	<i>\$1,120.00</i>
	<i>Asphalt Manufacturer</i>	<i>324121</i>	<i>\$40,000</i>	<i>14</i>	<i>0</i>	<i>0.00%</i>	<i>\$-</i>
	<i>Trucking</i>	<i>484110</i>	<i>\$30,000</i>	<i>134</i>	<i>3</i>	<i>2.24%</i>	<i>\$672.00</i>
	<i>Civil Engineering</i>	<i>541330</i>	<i>\$100,000</i>	<i>401</i>	<i>7</i>	<i>1.75%</i>	<i>\$1,750.00</i>
	<i>Drafting Services</i>	<i>541340</i>	<i>\$10,000</i>	<i>11</i>	<i>1</i>	<i>9.09%</i>	<i>\$909.00</i>
	<i>Surveying and Mapping</i>	<i>541370</i>	<i>\$25,000</i>	<i>69</i>	<i>1</i>	<i>1.45%</i>	<i>\$362.50</i>
<b>Total Contract No.1</b>			<b>\$315,000</b>			<b>3.43%</b>	<b>\$10,803.50</b> <b>(3.43% of \$315,000)</b>
<i>Contract No.2</i> <i>Update Airport</i> <i>Master Plan</i>	<i>Civil Engineering</i>	<i>541330</i>	<i>\$170,000</i>	<i>401</i>	<i>7</i>	<i>1.75%</i>	<i>\$2,975</i>
	<i>Drafting Services</i>	<i>541340</i>	<i>\$30,000</i>	<i>11</i>	<i>1</i>	<i>9.09%</i>	<i>\$2,727</i>
	<i>Surveying and Mapping</i>	<i>541370</i>	<i>\$70,000</i>	<i>69</i>	<i>1</i>	<i>1.45%</i>	<i>\$1,015</i>
<b>Total Contract No.2</b>			<b>\$270,000</b>			<b>2.49%</b>	<b>\$6,717</b> <b>(2.49% of 270,000)</b>
<b>Total FY- 2024</b>			<b>\$585,000</b>			<b>2.99%</b>	<b>\$17,520.50</b> <b>(2.99% of 585,000)</b>

$$DBE (\$) = \left( \frac{DBE \text{ Directory}}{Census} \right) * Trade(\$) \quad \text{Weighted Average Goal} = \frac{\sum DBE (\$)}{\sum \text{Contract Amounts} (\$)} * 100 = \frac{\$17,520.50}{\$585,000} * 100 = 2.99\%$$

The base goal projection after weighting is as follows:

- Total Weighted DBE Availability: \$330,537.50
- Total for All Trades: \$5,940,000

Dividing the weighted DBE totals by the total estimate for all trades gives a base DBE availability figure for the projects anticipated during the goal-setting period. This figure is expressed as a percentage and serves as the basis for the three-year overall goal.

Base of DBE Goal: 5.56%

## **Step 2: Adjustments to Step 1 Base Figure**

After calculating a base figure of the relative availability of DBEs, evidence was examined to determine what, if any, adjustment to the base figure was needed in order to arrive at the overall goal.

### Past History Participation:

Not enough historical data on DBE participation is available to reference to make an adjustment to the Step 1 base figure; therefore, the Sponsor is adopting the Step 1 base figure as the overall goal for this three-year goal period.

Furthermore, there are no applicable disparity studies for the local market area or recent legal case information from the relevant jurisdictions to show evidence of barriers to entry or competitiveness of DBEs in the market area that is sufficient to warrant making an adjustment to the base goal.

### **Breakout of Estimated “Race and Gender Neutral” (RN) and “Race and Gender Conscious” (RC) Participation**

The Sponsor will meet the maximum feasible portion of the overall goal by using RN means of facilitating DBE participation.

1. Arranging solicitations, times for the presentation of bids, quantities, specifications, and delivery schedules in ways that facilitates DBE, and other small businesses, participation;
2. Providing assistance in overcoming limitations such as inability to obtain bonding or financing;
3. Providing technical assistance and other services;
4. Carrying out information and communications programs on contracting procedures and specific contract opportunities;
5. Implementing a supportive services program to develop and improve immediate and long-term business management, record keeping, and financial and accounting capability for DBEs and other small businesses;
6. 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;
7. Establishing a program to assist new, start-up firms, particularly in fields in which DBE participation has historically been low;

8. Ensuring distribution of DBE directory, through print and electronic means, to the widest feasible universe of potential prime contractors;
9. Assist DBEs and other small businesses, to develop their capability to utilize emerging technology and conduct business through electronic media; and

The Recipient does not have a history of DBE participation or over-achievement of goals to reference and expects to obtain its DBE participation through the use of DBE contract goals or a conscious effort to obtain DBE participation. Therefore, the entire goal of 5.56% is to be obtained through race-conscious participation.

The Sponsor will adjust the estimated breakout of RN and RC DBE participation as needed to reflect actual DBE participation and track and report RN and RC participation separately. For reporting purposes, RN 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:

In establishing the overall goal, the Sponsor provided for consultation and publication. This process 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 Sponsor's efforts to establish a level playing field for the participation of DBEs. The consultation included a scheduled, direct, interactive exchange with as many interested stakeholders as possible focused on obtaining information relevant to the goal setting process and was conducted before the goal methodology was submitted to the operating administration for review. Details of the consultation are as follows.

The consultation engaged in was teleconference, which was held on June 18, 2021 at 10am.

The following comments were received during the course of the consultation:

No comments were received.

A notice of the proposed goal was published on the Sponsor's official website before the methodology was submitted to FAA.

If the proposed goal changes following review by FAA, the revised goal will be posted on Sponsor's official website.

Notwithstanding paragraph (f)(4) of §26.45, the Sponsor's proposed goals will not be implemented until this requirement has been met.

#### Public Notice Language:



**PUBLIC NOTICE**

**ARTESIA MUNICIPAL AIRPORT  
2022 - 2024 DBE PROGRAM  
ARTESIA, NEW MEXICO**

The City of Artesia, New Mexico hereby announces its proposed Disadvantaged Business Enterprise (DBE) participation goal of 5.56% for FAA funded contracts/agreements. The proposed goal pertains to federal fiscal years 2022 through 2024.

Comments on the DBE goal will be accepted for 30 days from the date of this publication and can be sent to the following:

Lance Goodrich  
Airport Manager  
511 W Texas Avenue  
Artesia, NM 88210  
Phone: (575) 748-3206  
Email: lgoodrich@artesianm.gov

AND

Dolores P. Spriggs  
FAA Southwest Regional Office  
Office of Civil Rights  
10101 Hillwood Parkway  
Fort Worth, TX 76177  
Email: dolores.p.spriggs@faa.gov