

**FAA Overall Goals (§26.45)**

**Name of Recipient: Cavern City Air Terminal**

**Goal Period: Fiscal Year 2019** – October 1, 2018 through September 30, 2019  
**Fiscal Year 2020** – October 1, 2019 through September 30, 2020  
**Fiscal Year 2021** – October 1, 2020 through September 30, 2021

**DOT-Assisted Contract Amount: \$4,600,000.00**

**DBE Goal:**

**Market Area:** The market area was determined to be both Geographical Areas One and Four; combined, these two Geographical Areas make up Market Area Four. Geographical Area Four is located in the southeastern portion of New Mexico and is comprised of the following counties: Torrance, Lincoln, De Baca, Curry, Otero, Chavez, Roosevelt, Eddy, and Lea. Geographical Area One is located in central New Mexico and is comprised of the following counties: Sandoval, Santa Fe, Bernalillo, Valencia, and Los Alamos. A substantial majority of contractors that perform work at the Cavern City Air Terminal are from the counties that make up Geographical Area One, as it is with the rest of New Mexico. As with all New Mexico communities, the substantial majority of contractors and subcontractors come from Geographical Area One. Due to the majority of contractors and subcontractors coming from Geographical Area One, the City, like other New Mexico communities, spends the majority of their contracting dollars within Geographical Area One as well. This was determined based on information within the contract documents from past projects showing locations of contractors and subcontractors that have performed work for the Cavern City Air Terminal in the past. Information regarding locations of the DBE businesses was found on the New Mexico Department of Transportation website. This information also shows that the substantial majority of all DBEs are based within the Geographical Area One boundary. A map and breakout of the Geographical Areas is enclosed as an attachment.

**Step One:** The method used to calculate the relative availability of the DBEs for Step One in this process utilizes 26.45(c)(1) DBE Directories and Census Bureau Data. The base figure was determined by dividing the total number of DBE firms in the local market area by the total of all firms in the market area.

**Number and Types of Projects for FY 2019:**

**1. T/W B&C Reconstruction**

**Project: Taxiway B&C Reconstruction**  
**Amount: \$800,000.00**

**TABLE 1  
PROJECT ONE: T/W B&C RECONSTRUCTION**

NAICS Code	Work Item	DBE's in Market Area	All Available Firms	Total Amount	Weight Factor
23899	Markings/ Specialty	4	107	\$114,400.00	14.30%
238210	Electrical	2	423	\$250,000.00	31.25%
541330	Engineering	7	335	\$ 28,000.00	3.50%
237310	Heavy Construction	16	50	\$ 150,000.00	18.75%
48411	Trucking	2	75	\$ 250,000.00	31.25%
54138/54169	Inspection/ Testing	2	118	\$ 7,600.00	0.95%
	<b>Total</b>	<b>33</b>	<b>1108</b>	<b>\$ 800,000.00</b>	<b>100.00%</b>

Source: County Business Patterns and NMDOT DBE Directory

The design estimate for this project is \$800,000.00. Of that amount, \$114,400 or 14.30% is anticipated for Marking and Specialty work, \$250,000 or 31.25% is anticipated for Electrical, \$28,000.00 or 3.50% is anticipated for engineering, \$150,000 or 18.75% is anticipated for Heavy Construction, \$250,000 or 31.25% is anticipated for Trucking and \$7,600 or .95% is anticipated for Inspection and Testing.

Therefore, the baseline DBE goal for this contract was weighed so that it would more accurately reflect the potential DBE participation as shown below.

MS= Markings/Specialty      EL = Electrical      E=Engineering      HC=Heavy Construction  
T= Trucking      I=Inspection/Testing

**Project One Base Figure =**

$$\text{MS (\%)} \times \frac{\# \text{ DBE in Local Market (MS)}}{\# \text{ All Firms (MS)}} + \text{EL (\%)} \times \frac{\# \text{ DBE in Local Market (ES)}}{\# \text{ All Firms (ES)}} +$$

$$\text{E (\%)} \times \frac{\# \text{ DBE in Local Market (E)}}{\# \text{ All Firms (MS)}} + \text{HC (\%)} \times \frac{\# \text{ DBE in Local Market (HC)}}{\# \text{ All Firms (HC)}} +$$

$$\text{T (\%)} \times \frac{\# \text{ DBE in Local Market (T)}}{\# \text{ All Firms (T)}} + \text{I (\%)} \times \frac{\# \text{ DBE in Local Market (I)}}{\# \text{ All Firms (I)}} +$$

$$\text{Project One Base Figure} = 1.430(4/107) + 3.125(2/423) + .350(7/335) + 1.875(16/50) + 3.125(2/75) + .095(2/118)$$

**Project One Base Figure = 2.98%**

**Number and Types of Projects for FY 2020:**

**1. Runway 14R-32L Design & PER**

**Project: Runway 14R-32L Design & PER**  
**Amount: \$300,000**

**TABLE 1  
 PROJECT ONE: RUNWAY 14R-32L DESIGN & PER**

<b>NAICS Code</b>	<b>Work Item</b>	<b>DBEs in Market Area</b>	<b>All Available Firms</b>	<b>Total Amount</b>	<b>Weight Factor</b>
541330	Engineering Services	7	335	\$300,000	100%
	<b>Total</b>	<b>10</b>	<b>62</b>	<b>\$300,000</b>	<b>100%</b>

*Source: County Business Patterns and NMDOT DBE Directory*

The design estimate for this project is \$300,000.00. Of that amount, \$300,000 or 100% is anticipated for design.

Therefore, the baseline DBE goal for this contract was weighed so that it would more accurately reflect the potential DBE participation as shown below.

ES = Engineering

$$\text{Project One Base Figure} = \text{ES (\%)} \times \frac{\text{\# DBE in Local Market (HC)}}{\text{\# All Firms (HC)}} +$$

$$\text{Project One Base Figure} = 1.00(7/335)$$

$$\text{Project One Base Figure} = 2\%$$

**Number and Types of Projects for FY 2021:**

**1. RW 14R-32L Construction**

**Project: RW 14R-32L Construction**  
**Amount: \$3,500,000.00**

**TABLE 1  
PROJECT ONE: RUNWAY 14R-32L RECONSTRUCTION**

NAICS Code	Work Item	DBE's in Market Area	All Available Firms	Total Amount	Weight Factor
23899	Markings/ Specialty	4	107	\$350,000.00	10.00%
541330	Engineering	7	335	\$121,728.39	3.48%
237310	Heavy Construction	16	50	\$1,018,271.61	29.09%
48411	Trucking	2	75	\$1,690,000.00	48.29%
54138/54169	Inspection/ Testing	2	118	\$320,000.00	9.14%
	<b>Total</b>	<b>31</b>	<b>685</b>	<b>\$3,500,000.00</b>	<b>100.00%</b>

Source: County Business Patterns and NMDOT DBE Directory

The design estimate for this project is \$3,500,000.00. Of that amount, \$350,000.00 or 10.00% is anticipated for Marking and Specialty work, \$121,728.39 or 3.48% is anticipated for Engineering, \$1,018,271.61 or 29.09% is anticipated for Heavy Construction, \$1,690,000.00 or 48.29% is anticipated for Trucking and \$320,000 or 9.14% is anticipated for Inspection and Testing.

Therefore, the baseline DBE goal for this contract was weighed so that it would more accurately reflect the potential DBE participation as shown below.

MS= Markings/Specialty      E = Engineering      HC=Heavy Construction      T= Trucking  
I=Inspection/Testing

**Project One Base Figure =**

$$\text{MS (\%)} \times \frac{\text{\# DBE in Local Market (MS)}}{\text{\# All Firms (MS)}} + \text{E (\%)} \times \frac{\text{\# DBE in Local Market (E)}}{\text{\# All Firms (E)}}$$

$$\text{HC (\%)} \times \frac{\text{\# DBE in Local Market (HC)}}{\text{\# All Firms (HC)}} + \text{T (\%)} \times \frac{\text{\# DBE in Local Market (T)}}{\text{\# All Firms (T)}}$$

$$\text{I (\%)} \times \frac{\text{\# DBE in Local Market (I)}}{\text{\# All Firms (I)}}$$

$$\text{Project One Base Figure} = 1.00 (4/107) + .348(7/335) + 2.909 (16/50) + 4.829(2/75) + .914(2/118)$$

**Project One Base Figure = 11.20%**

**Step Two:** This step is intended to adjust the base figure percentage calculated in Step One to reflect as accurately as possible the DBE participation that the City of Carlsbad – Aviation Department would expect in the absence of discrimination.

We have considered all of the other factors, which include the current capacity of DBEs to perform work in the DOT-assisted program. We also considered the available evidence from related fields that affect the opportunities for DBE firms to form, grow, and compete. In our research, none of the previously mentioned factors require an adjustment to the base figure.

Our base figure is not the goal of another recipient and therefore was not considered as an adjustment factor.

There have been one similar projects at the City of Carlsbad– Aviation Department. Table One reflects the overall and achieved goals for each project.

**TABLE 1  
CITY OF CARLSBAD – AVIATION DEPARTMENT PAST PARTICIPATION**

	Description	Overall Goal	Achieved Goal
3-35-0007-026-2018	Reconstruct T/W C	2.17%	2.17%

Due to the similarity of the subcontracting possibilities between the past projects, past participation is going to be considered as an adjustment factor.

Past participation will be accounted for by taking the historical average (2.17%) of the achieved goals, adding it to the average base figure for FY 2019-2021 (5.39%), and dividing by two.

$$\text{Overall Adjusted Goal} = \frac{5.39\% (\text{Base Figure}) + 2.17\% (\text{Achieved Goal})}{2}$$

Overall Adjusted Goal = 3.78%

**Cavern City Air Terminals Proposed Overall Goal = 3.78%**

## Breakout of Estimated Race-Neutral and Race-Conscious Participation (§26.51 (b) (1-9))

The Cavern City Air Terminal will meet the maximum feasible portion of its overall goal by using race-neutral means of facilitating DBE participation. The Cavern City Air Terminal uses the following race-neutral means to increase DBE participation: By arranging solicitations, times for the presentation of bids, quantities, specifications, and delivery schedules in a way to facilitate DBE and other small businesses' participation (e.g., requiring and/or encouraging prime contractors to subcontract portions of work that they might otherwise perform with their own forces).

The following is a summary of the basis of our estimated breakout of race-neutral and race-conscious DBE participation. The Cavern City Air Terminal estimates that in meeting its overall goal of 3.78%, we will obtain 0% from race-neutral participation and 3.78% from race-conscious participation.

The Cavern City Air Terminal will adjust the estimated breakout of race-neutral and race-conscious DBE participation as needed to reflect actual DBE participation 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**

In an effort to establish a level playing field a Public Meeting was held on August 30, 2019 for the Cavern City Air Terminal.

The overall goal adopted for Fiscal Years 2019-2021 was developed after the public meeting.

### Public Notice

The proposed goal and rationale was advertised in the Albuquerque Journal, 7777 Jefferson NE, Albuquerque, NM 87109, 505-823-3800 and the Carlsbad Current-Argus, 620 S. Main St., Carlsbad, NM 88221-1629, 505-887-5501.

### Sample Public Notice Language:

Disadvantaged Business Enterprise (DBE) Goals for Federal Fiscal Years 2019-2021

The City of Carlsbad hereby announces its fiscal years 2019-2021 DBE Goal Setting Meeting for the Cavern City Air Terminal construction projects. A public meeting will be held from xxx a.m. to xxx a.m. on xxxxxxxx, 2019 at the xxxxxxxxxx, Carlsbad, NM.

The proposed goal and goal-setting methodology will be available for inspection between 8:00 a.m. and 5:00 p.m., Monday through Friday, for a period of 30 days following the meeting at the Cavern City Air Terminal, 1505 Terminal Drive. Carlsbad, NM 87106. The information will also be available for viewing on the internet at <https://www.cityofcarlsbadnm.com/cavern-city-air-terminal>.

The Aviation Department will accept comments on the DBE goals for 45 days from the date of this notice. Comments can be sent to either of the following:

Disadvantaged Business Enterprise (DBE) Goals for Federal Fiscal Years 2019-2021

The Cavern City Air Terminal hereby announces its fiscal years 2016-2018 DBE Goal of 3.78% for airport construction projects. The proposed goal and goal-setting methodology are available for inspection between 8:00 a.m. and 5:00 p.m., Monday through Friday, for a period of 30 days following the date of this notice at the City of Carlsbad, 101 N. Halagueno, Carlsbad, NM 88221. Cavern City Air Terminal will accept comments on the DBE goals for 45 days from the date of this notice. Comments can be sent to either of the following:

DBELO  
Cody Crouch  
Special Projects Administrator  
Cavern City Air Terminal  
P.O. Box 1569  
Carlsbad, NM 88221-1569  
Or

Federal Aviation Administration  
Civil Rights Staff, AWP-9  
P.O. Box 92007  
Los Angeles, CA 90009-2007

**Contract Goals**

The Cavern City Air Terminal will use contract goals to meet any portion of the overall goal that the recipient 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 recipient's overall goal that is not projected to be met through the use of race-neutral means.

The Cavern City Air Terminal 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 Cavern City Air Terminal will express its contract goals as a percentage of the total amount of DBE-assisted contract.