

DFW International Airport FY 2014 – FY 2016 Overall Goal and Methodology

Overall Goal (49 CFR Part 26.45)

Amount of goal:

The DFW International Airport's (DFW) overall proposed goal for FY 2014 – FY 2016 is the following: 28% of the Federal financial assistance we will expend in DOT-assisted contracts.

Given the amount of DOT-assisted projects that DFW expects to let during this three year period, \$31,587,808, the base goal is to expend \$8,844,586 with DBEs during this period.

Method:

The following is a summary of the method we used to calculate this goal:

Step 1: Determine the percentage of DBEs both prime and subcontractors that are ready, willing, and able to compete for contract work. In this process DFW used the NCTRCA certification database and the U.S. Census Bureau's calendar year 2011 County Business Patterns data report.

As outlined in the Tips For Goal-Setting, the Disadvantaged Business Enterprise (DBE) Program published by the U. S. DOT OSDBU, DFW calculated the Step One Base Figure and used weighting to ensure the Step One Base Figure is as accurate as possible.

DFW has defined the market area as the Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area. Based upon an analysis of DFW contractors, 79% of contractors come from this statistical area or 79% of DFW's federal construction dollars are spent in this statistical area.

DFW has made FAA grant applications and, as applicable, those funds will be applied toward the cost of the thirteen proposed projects in FY 2014 – FY 2016, which represents the total of \$31,587,808 for DOT – assisted contracts.

The following steps were taken to develop the DBE annual goal.

- DFW's Finance (Grant Section) and Airport Development & Engineering Departments assisted in identifying proposed projects for FY 2014 – FY 2016 that would contain anticipated FAA funding.
- Contracts were identified and the major work components and associated engineering estimates were reviewed and categorized.
- Market availability of DBEs (numerator) and DBEs plus non-DBEs (i.e. all firms-the denominator) was identified using the North Central Texas Regional Certification Agency (NCTRCA) database, Texas Unified Certification Program (TUCP) DBE database and U.S. Census Bureau's calendar year 2011 County Business Patterns data report.
- The information was then categorized by the major work components, associated engineering estimates and NAICS codes, on a contract-by-contract basis.
- DBE availability and opportunity dollars were then derived on a contract-by-contract basis.
- Major work components, their associated engineering estimates and NAICS codes for all thirteen FY 2014 – FY 2016 anticipated contracts were summarized to obtain overall data.
- Availability was then weighted by appropriate contract dollars to obtain an overall step one base figure.

- The base figure was then adjusted (i.e. the step two adjustment) by examining past DBE participation on similar types of contracts over the past three years and other relevant information, as applicable.

Data Source: North Central Texas Regional Certification Agency database, TUCP DBE database and the U.S. Census Bureau's 2011 County Business Patterns. The TUCP DBE Directory and the U.S. Census Bureau 2011 County Business Patterns for the Dallas-Fort Worth-Arlington, TX Metropolitan Statistical Area are available online at:

- <http://censtats.census.gov/cgi-bin/cbpnaic/cbpsel.pl>
- <http://www.txdot.gov/apps-cg/tucp/default.htm>

The proposed step one base figures are:

FY 2014	30%
FY 2015	25%
FY 2016	29%

Add the proposed three DBE goals for the next three years and divide by three: 28%

The Step One Base Figure Weighted by Type and Dollar Amount of Work to Be Performed = 28% (see Attachment A)

Step 2: This step is intended to adjust the Step One Base Figure percentage so that it reflects as accurately as possible the DBE participation the recipient would expect in a race/gender neutral process.

The certified DBEs in the appropriate trades found in the NCTRCA database were reviewed in the analysis as well as past DBE participation in contracts with federal assistance. In conducting the Step 2 adjustment, DFW took the median of the past DBE participation for the last five years.

Percentage values by fiscal year	
FY2008	29%
FY2009	28%
FY2010	13.6%
FY2011	20.3%
FY2012	34.7%

Percentage values from low to high	
FY2010	13.6%
FY2011	20.3%
FY2009	28%
FY2008	29%
FY2012	34.7%

The median past participation percentage is 28%.

The Step One Base Figure adjusted for past participation is calculated as 28% (Step One Base Figure) plus 28% (median past participation percentage) divided by two (2). Therefore the Step One Base Figure adjusted for past participation is 28%.

(28% + 28%) divided by 2 = 28% [Adjusted Overall Goal]

Worksheets reflecting the calculation of the Overall DBE Goals for FY 2014, FY 2015 and FY 2016 are included as Attachment A and the support detail for the Overall Goals FY 2014, FY 2015 and FY 2016 is included as Attachment B.

Barriers to DBE Participation

DFW has reviewed its contracting and procurement practices and did not identify any barriers to DBE participation that have not been addressed within our approved DBE Program. DFW routinely looks for opportunities to break larger proposed contracts into smaller contracts to improve DBE competitiveness. DFW also performs reviews of bid/proposal specifications to identify potential barriers to DBE participation, including insurance and bonding requirements.

Maximize Race-Neutral Participation

DFW will meet the maximum feasible portion of its overall goal by using race-neutral means of facilitating DBE participation. DFW uses the following race-neutral means to increase DBE participation: performing outreach; attending pre-bid meetings to discuss the DBE program requirements; providing bonding, insurance and technical assistance; posting solicitations on the DFW web site; conducting an annual Small Contractor Development Training Workshop and conducting other Workshops and other means as appropriate and applicable.

Breakout of Estimated Race-Neutral and Race-Conscious Participation

DFW will adjust the estimated breakout of race-neutral and race-conscious participation as needed to reflect actual DBE participation (49 CFR Part 26.51(f)) and will also 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 a DBE obtains 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;
- DBE participation through a subcontract from a prime contractor that did not consider a firm's DBE status in making the award.

Since DFW has an actual achieved race neutral of 0% DBE and the median from the chart below is 0%, DFW proposes a 0% race neutral DBE goal for FY 2014-2016.

Fiscal Year	DBE Race Neutral Participation
2008	1.0%
2009	0.0%
2010	0.0%
2011	0.0%
2012	6.7%
Median	0.0%

Therefore, DFW anticipates that it will meet 28.0% of its overall annual goal for FY 2014-2016 through race-conscious contract goals and 0.0% through race-neutral measures. DFW will monitor DBE participation throughout the year to adjust the use of contract goals to ensure that their use does not exceed the overall goal and further track availability of bidders for future adjustments.

Public Participation

Section to be completed at a later date.

Contract Goal Language

DFW will use contract goals to meet any portion of the overall goal that cannot be met 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.

DFW will establish contract goals only on those DOT-assisted contracts that have DBE availability. We need not establish a contract goal on every contract, and the size of the contract goals will be adapted to the circumstance of each such contract (i.e., scope of work, location of work, and availability of DBEs to perform the particular type of work).

DFW will express our contract goal as a percentage of the total amount of DOT-assisted contracts.

**DFW International Airport
Business Diversity & Development Department
Attachment A - Overall DBE Goal FY 2014**

Work Item	Amount (A)	All Available Firms (B)	DBEs (C)	NAICS Code (D)	DBE Opportunity Dollars (E)	Percent of Total Contract \$ (F)	Weighting (G)
Highway, Street, and Bridge	\$ 4,373,547	157	87	237310	\$ 4,373,547	0.43	0.236
Barricades and Traffic Control	\$ 184,928	49	9	332999	\$ 184,928	0.02	0.003
Poured Concrete Foundation	\$ 2,847,891	357	50	238110	\$ 2,847,891	0.28	0.039
Electrical	\$ 998,611	1171	58	238210	\$ 998,611	0.10	0.005
All Other Specialty Trades	\$ 379,102	489	91	238990	\$ 379,102	0.04	0.007
Site Work	\$ 194,174	349	83	238910	\$ 194,174	0.02	0.004
Landscaping/SWPPP	\$ 268,146	1,241	51	561730	\$ 268,146	0.03	0.001
Civil Engineering Design	\$ 610,560	1,172	179	541330	\$ 610,560	0.06	0.009
Project Management	\$ 407,040	327	40	541690	\$ 407,040	0.04	0.005
Total	\$ 10,264,000	5,312	648		\$ 10,264,000	1	0.30949

TIMES
100

1. Equals Step One Base Figure weighted by type of work to be performed

31%

2. Adjusted Step One Base Figure with the Median Past Participation

28%

59%

3. Divided By

2

4. Step One Base figure Adjusted for Past Participation

30%

- | |
|---|
| <p>A. Represents the projected total of Contract Dollars available</p> <p>B. Represents all firms DBEs and non-DBEs ready, willing and able to bid for work, used as denominator</p> <p>C. Represents all DBEs in market area ready, willing and able to bid for work, used as numerator</p> <p>D. Represents NAICS Codes used to refine categories of contracting and subcontracting areas available</p> <p>E. Represents the projected DBE opportunity dollars (i.e. DBEs have an opportunity to win bid work in this category)</p> <p>F. Represents the DBE Opportunity Dollars (E) divided by total contract dollars to obtain percent of dollars spent in category</p> <p>G. Represents (C) divided by (B) multiplied by (F)</p> |
|---|

See Attachment B For Details

DFW International Airport
Business Diversity & Development Department
Attachment B - Support Detail for Overall Goal FY 2014

Project No. 1 CONSTRUCTION: FY14 Rehabilitate Airfield Pavements (Phase 1)

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Highway, Street, and Bridge	\$ 4,373,547	157	87	237310	55%	\$ 4,373,547
Barricades and Traffic Control	\$ 184,928	49	9	332999	18%	\$ 184,928
Poured Concrete Foundation	\$ 2,847,891	357	50	238110	14%	\$ 2,847,891
Electrical	\$ 998,611	1171	58	238210	5%	\$ 998,611
All Other Specialty Trades	\$ 379,102	489	91	238990	19%	\$ 379,102
Site Work	\$ 194,174	349	74	238910	21%	\$ 194,174
Landscaping/SWPPP	\$ 268,146	1241	51	561730	4%	\$ 268,146
Total	\$ 9,246,400	3813	420		11%	\$ 9,246,400
CONSTRUCTION TOTAL	\$ 9,246,400					\$ 9,246,400

Project No. 2 DESIGN: FY15 Rehab Airfield Pavements

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Civil Engineering Design	\$ 426,240	1172	179	541330	15%	\$ 426,240
Project Mgmt.	\$ 284,160	327	40	541690	12%	\$ 284,160
Total	\$ 710,400	1499	219		15%	\$ 710,400

Project No. 3 DESIGN: FY15 Rehab Airfield Lighting

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Civil Engineering Design	\$ 65,520	1172	179	541330	15%	\$ 65,520
Project Mgmt.	\$ 43,680	327	40	541690	12%	\$ 43,680
Total	\$ 109,200	1499	219		15%	\$ 109,200

Project No. 4 DESIGN: Reconfigure SE Holding Pad Deicing Infrastructure

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Civil Engineering Design	\$ 118,800	1172	179	541330	15%	\$ 118,800
Project Mgmt.	\$ 79,200	327	40	541690	12%	\$ 79,200
Total	\$ 198,000	1499	219		15%	\$ 198,000
DESIGN TOTAL	\$ 1,017,600					\$ 1,017,600

GRAND TOTAL	\$ 10,264,000					\$ 10,264,000
--------------------	----------------------	--	--	--	--	----------------------

**DFW International Airport
Business Diversity & Development Department
Attachment A - Overall DBE Goal FY 2015**

Work Item	Amount (A)	All Available Firms (B)	DBEs (C)	NAICS Code (D)	DBE Opportunity Dollars (E)	Percent of Total Contract \$ (F)	Weighting (G)
Highway, Street, and Bridge	\$ 2,705,096	157	87	237310	\$ 2,705,096	0.26	0.147
Barricades and Traffic Control	\$ 237,615	49	9	332999	\$ 237,615	0.02	0.004
Poured Concrete Foundation	\$ 2,142,341	357	50	238110	\$ 2,142,341	0.21	0.029
Electrical	\$ 3,504,553	1171	58	238210	\$ 3,504,553	0.34	0.017
All Other Specialty Trades	\$ 657,409	489	91	238990	\$ 657,409	0.06	0.012
Site Work	\$ 108,983	349	83	238910	\$ 108,983	0.01	0.003
Landscaping/SWPPP	\$ 150,501	1,241	51	561730	\$ 150,501	0.01	0.001
Civil Engineering Design	\$ 432,000	1,172	179	541330	\$ 432,000	0.04	0.006
Project Management	\$ 288,000	327	40	541690	\$ 288,000	0.03	0.003
Total	\$ 10,226,498	5,312	648		\$ 10,226,498	1	0.22216

TIMES
100

1. Equals Step One Base Figure weighted by type of work to be performed

22%

2. Adjusted Step One Base Figure with the Median Past Participation

28%

50%

3. Divided By

2

4. Step One Base figure Adjusted for Past Participation

25%

- A. Represents the projected total of Contract Dollars available
- B. Represents all firms DBEs and non-DBEs ready, willing and able to bid for work, used as denominator
- C. Represents all DBEs in market area ready, willing and able to bid for work, used as numerator
- D. Represents NAICS Codes used to refine categories of contracting and subcontracting areas available
- E. Represents the projected DBE opportunity dollars (i.e. DBEs have an opportunity to win bid work in this category)
- F. Represents the DBE Opportunity Dollars (E) divided by total contract dollars to obtain percent of dollars spent in category
- G. Represents (C) divided by (B) multiplied by (F)

See Attachment B For Details

**DFW International Airport
Business Diversity & Development Department
Attachment A - Overall DBE Goal FY 2016**

Work Item	Amount (A)	All Available Firms (B)	DBEs (C)	NAICS Code (D)	DBE Opportunity Dollars (E)	Percent of Total Contract \$ (F)	Weighting (G)
Highway, Street, and Bridge	\$ 4,273,076	157	87	237310	\$ 4,273,076	0.38	0.210
Barricades and Traffic Control	\$ 335,831	49	9	332999	\$ 335,831	0.03	0.005
Poured Concrete Foundation	\$ 2,773,970	357	50	238110	\$ 2,773,970	0.25	0.034
Electrical	\$ 1,815,496	1171	58	238210	\$ 1,815,496	0.16	0.008
All Other Specialty Trades	\$ 493,427	489	91	238990	\$ 493,427	0.04	0.008
Site Work	\$ 186,480	349	83	238910	\$ 186,480	0.02	0.004
Landscaping/SWPPP	\$ 257,520	1,241	51	561730	\$ 257,520	0.02	0.001
Civil Engineering Design	\$ 682,560	1,172	179	541330	\$ 682,560	0.06	0.009
Project Management	\$ 455,040	327	40	541690	\$ 455,040	0.04	0.005
Total	\$ 11,273,400	5,312	648		\$ 11,273,400	1	0.28515

TIMES
100

1. Equals Step One Base Figure weighted by type of work to be performed

29%

2. Adjusted Step One Base Figure with the Median Past Participation

28%

57%

3. Divided By

2

4. Step One Base figure Adjusted for Past Participation

29%

- | |
|--|
| <p>A. Represents the projected total of Contract Dollars available</p> <p>B. Represents all firms DBEs and non-DBEs ready, willing and able to bid for work, used as denominator</p> <p>C. Represents all DBEs in market area ready, willing and able to bid for work, used as numerator</p> <p>D. Represents NAICS Codes used to refine categories of contracting and subcontracting areas available</p> <p>E. Represents the projected DBE opportunity dollars (i.e. DBEs have an opportunity to win bidded work in this category)</p> <p>F. Represents the DBE Opportunity Dollars (E) divided by total contract dollars to obtain percent of dollars spent in category</p> <p>G. Represents (C) divided by (B) multiplied by (F)</p> |
|--|

See Attachment B For Details

**DFW International Airport
Business Diversity & Development Department
Attachment B - Support Detail for Overall Goal FY 2016**

Project No. 1 CONSTRUCTION: FY15 Rehabilitate Airfield Pavements

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Highway, Street, and Bridge	\$ 4,200,240	157	87	237310	55%	\$ 4,200,240
Barricades and Traffic Control	\$ 177,600	49	9	332999	18%	\$ 177,600
Poured Concrete Foundation	\$ 2,735,040	357	50	238110	14%	\$ 2,735,040
Electrical	\$ 959,040	1171	58	238210	5%	\$ 959,040
All Other Specialty Trades	\$ 364,080	489	91	238990	19%	\$ 364,080
Site Work	\$ 186,480	349	74	238910	21%	\$ 186,480
Landscaping/SWPPP	\$ 257,520	1241	51	561730	4%	\$ 257,520
Total	\$ 8,880,000	3813	420		11%	\$ 8,880,000

Project No. 2 CONSTRUCTION: FY15 Airfield Lighting

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Highway, Street, and Bridge	\$ 72,836	157	87	237310	55%	\$ 72,836
Barricades and Traffic Control	\$ 158,231	49	9	332999	18%	\$ 158,231
Poured Concrete Foundation	\$ 38,930	357	50	238110	14%	\$ 38,930
Electrical	\$ 856,456	1171	58	238210	5%	\$ 856,456
All Other Specialty Trades	\$ 129,347	489	91	238990	19%	\$ 129,347
Total	\$ 1,255,800	2223	295		13%	\$ 1,255,800

CONSTRUCTION TOTAL	\$ 10,135,800					\$ 10,135,800
---------------------------	----------------------	--	--	--	--	----------------------

Project No. 3 DESIGN: FY17 Rehab Airfield Pavements

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Civil Engineering Design	\$ 365,760	1,172	179	541330	15%	\$ 365,760
Project Mgmt.	\$ 243,840	327	40	541690	12%	\$ 243,840
Total	\$ 609,600	1499	219		15%	\$ 609,600

Project No. 4 DESIGN: FY17 Rehab Airfield Lighting

Work Item	Amount	All Available Firms	DBEs	NAICS Code	DBE Availability Percent	DBE Opportunity Dollars
Civil Engineering Design	\$ 316,800	1,172	179	541330	15%	\$ 316,800
Project Mgmt.	\$ 211,200	327	40	541690	12%	\$ 211,200
Total	\$ 528,000	1499	219		15%	\$ 528,000

DESIGN TOTAL	\$ 1,137,600					\$ 1,137,600
---------------------	---------------------	--	--	--	--	---------------------

GRAND TOTAL	\$ 11,273,400					\$ 11,273,400
--------------------	----------------------	--	--	--	--	----------------------