

**CITY OF VICTORVILLE
ANNUAL ANTICIPATED DISADVANTAGED BUSINESS ENTERPRISE
PARTICIPATION LEVEL
METHODOLOGY
FOR
FEDERAL FISCAL YEAR (FFY) 2007/08
(October 1, 2007 to September 30, 2008)**

I. DOT-ASSISTED CONTRACTING PROGRAM FOR FFY 2007/08

Table 1 below presents the anticipated areas of contracting, by project type for the City of Victorville:

Table 1

Project Type
Riverwalk Trail Project
Upgrade of Airfield Electrical System
Park and Ride Lot
Bear Valley Rd/Topaz Rd Traffic Signal
Mojave Drive I-15 interchange/widening
East/West Corridor
La Mesa/Nisqualli I-15 interchange
Airfield Security Upgrade

Table 2 below represents a summary of corresponding subspecialty work areas grouped under two primary work categories; *Construction and Professional Services*. The Caltrans DBE Directory Work Category Codes (WCC) and Descriptions and comparable 1997 and 2005 Census Business Patterns Database work category codes utilized in the analysis are also presented, as follows:

Table 2

PRIMARY WORK CATEGORY DESCRIPTION	CALTRANS WORK CATEGORY CODES	NAICS / SIC CATEGORY CODES
CONSTRUCTION:		
Construction	A0710, B1440, C6200, C0625, C0639, C0649, C0651, C0652, C0655, C0680, C0683, C0685, C0686, C0700, C1531, C1580, C1901, C1910, C1930, C1970, C2030, C2065, C2201, C2602, C2800, C3901, C3910, C4010, C5100, C5135, C5150, C5201, C6200, C6800, C7301, C8602, C8603, C8604	1500, 1600, 1610, 1620, 1730, 1741, 1770, 1791, 1794, 1795, 23700, 23710, 23711, 23730, 23731, 23790, 23799, 23810, 23811, 23812, 23814, 23819, 23821, 23891
PROFESSIONAL SERVICES:		
Engineering & Consulting Services	C8700, C8703, C8705, C8706, C8710, C8720, C8721, C8722, C8740, C8744, C8746, C8760, C8770, C8903, C9826, C9903, C9907, C9908, C9980	8710, 8711, 8712, 8713, 8730, 8734, 54130, 54132, 54133, 54134, 54136, 54137, 54138, 54162, 54169

II. GOAL-METHODOLOGY

Step I: Determination of Base Figure (§26.45)

To determine a Base Figure of relative availability of DBEs, the City of Victorville embraced a methodology which included a review of the ratio of all available (ready, willing and able) established DBE firms in relation to all available established firms within the City of Victorville's market area. This was accomplished by utilizing the Caltrans on-line CUCP Database DBE Directory of certified firms within the two primary work categories as its numerator and the 1997 and 2005 U.S. Census Bureau County Business Patterns (CBP) Database of all comparable established firms as its denominator. The City of Victorville made a concerted effort to ensure that the scope of businesses included in the numerator, was as close as possible to the scope included in the denominator.

To derive the relative availability of DBEs for each major work category, the City of Victorville divided the numerator $\frac{\square}{\blacksquare}$ by the denominator \blacksquare , which yielded a Base Figure, utilizing the following formula:

$$\frac{\text{Number of Ready, Willing, and able DBE Firms}}{\text{Number of All Available Firms}} = \text{BASE FIGURE}$$

Table 3 below presents the results of the application of this formula within each major work category, and, the basis for calculating the resultant Base Figure of the relative availability of DBEs.

Table 3

<p>Base Figure = (DBEs in A0710, B1440, C6200, C0625, C0639, C0651, C0652, C0655, C0680, C0683, C0685, C0686, C0700, C1531, C1580, C1901, C1910, C1930, C1970, C2030, C2065, C2201, C2602, C2800, C3901, C3910, C4010, C5100, C5135, C5150, C5201, C6200, C6800, C7301, C8602, C8603, C8604 *)</p> <p>CBPs in NAICS/SIC 1500, 1600, 1610, 1620, 1730, 1741, 1770, 1791, 1794, 1795, 23700, 23710, 23711, 23731, 23799, 23810, 23811, 23812, 23814, 23819, 23821, 23891**</p> <p style="text-align: center;">+</p> <p>Base Figure = (DBEs in C8700, C8703, C8705, C8706, C8710, C8720, C8721, C8722, C8740, C8744, C8746, C8760, C8770, C8903, C9826, C9903, C9907, C9908, C9980 *)</p> <p>CBPs in NAICS/SIC 8710, 8711, 8712, 8713, 8730, 8734, 54130, 54132, 54133, 54134, 54136, 54137, 54138, 54162, 54169**</p> <p>Base Figure = $\left[\begin{matrix} (386) + (1342) \\ (36,760 \quad 28,661) \end{matrix} \right]$</p> <p>Base Figure = (.0105 + .0468)</p> <p>Base Figure = (.0573) 100 = 5.73 = 6% ***</p> <p>* For detailed listing of all Caltrans Work Categories grouped in each major category, refer to City of Victorville's Regional Annual Anticipated DBE Participation Level Analysis for FFY 2007/2008, Attachment I.</p> <p>** For detailed listing of all NAICS and SIC Work Codes grouped in each major category, refer to City of Victorville's Regional Annual Anticipated DBE Participation Level Analysis for FFY 2007/2008, Attachment II.</p> <p>*** Rounded to the nearest whole number.</p>

Step II: Adjustment of the Base Figure

The Base Figure of 8% was not further adjusted, as each respective project will ensure narrow tailoring, in conformance with 49 CFR Part 26 prescribed participation level-setting methodology. Therefore, the resultant Base Figure remains 8%.

\square Numerator represents all available, established DBE firms within San Bernardino, Riverside, San Diego, Los Angeles and Orange County.

\blacksquare Denominator represents all available established firms within the San Bernardino, Riverside, San Diego, Los Angeles and Orange County.

**CITY OF VICTORVILLE
REGIONAL ANNUAL ANTICIPATED DBE PARTICIPATION LEVEL ANALYSIS FOR FFY 2007/2008**

ATTACHMENT I

ESTABLISHMENT OF THE NUMERATOR:

OF ESTABLISHED DBE FIRMS IN SAN BERNARDINO, RIVERSIDE, ORANGE, SAN DIEGO AND LOS ANGELES COUNTIES ☞

CONSTRUCTION SERVICES:	COUNTIES					TOTALS
	S.B.	RIVERSIDE	S.D.	L.A.	ORANGE	
Caltrans Work Category Codes: A0710, B1440, C6200, C0625, C0639, C0649, C0651, C0652, C0655, C0680, C0683, C0685, C0686, C0700, C1531, C1580, C1901, C1910, C1930, C1970, C2030, C2065, C2201, C2602, C2800, C3901, C3910, C4010, C4201, C5000, C5100, C5135, C5136, C5150, C5201, C6200, C6800, C6811, C6815, C7191, C7301, C8330, C8602, C8603, C8604						
A0710 Soil Preparation Services	1	0	0	1	2	4
B1440 Sand and Gravel	0	2	1	8	2	13
C0625 Sand & Gravel	2	1	1	7	7	18
C0639 Asphalt	1	0	0	1	1	3
C0649 Pilings	0	0	0	1	0	1
C0651 Concrete Cement	0	0	2	9	0	11
C0652 Reinforcing Bar Section	0	0	3	2	0	5
C0655 Steel	0	0	1	3	0	4
C0686 Electrical & Signs	1	1	8	12	1	23
C0680 Fencing	0	0	1	2	1	4
C0683 Guard Railings & Barriers	0	0	5	3	3	11
C0685 Pavement Markers	0	0	5	3	3	11
C0686 Electrical & Signals	0	2	8	12	3	25
C0700 Construction Staking	2	4	8	4	10	28
C1531 Plane Asphalt Concrete	0	0	1	0	0	1
C1580 Modify Bridge Item	2	3	2	15	0	22
C1901 Roadway Excavation	8	7	27	22	8	72
C1910 Grading	0	2	1	2	0	5
C1930 Structure Backfill	8	8	26	26	6	74
C1970 Embankment Construction	0	1	0	0	0	1
C2030 Erosion Control	0	1	0	0	0	1
C2065 Irrigation System	0	1	2	4	0	7
C2201 Finishing Roadway	0	0	1	1	0	2
C2602 Aggregate Base	0	0	1	0	0	1
C2800 Concrete Base	0	0	1	0	0	1
C3901 Asphalt Concrete	1	0	2	1	0	4
C3910 Paving Asphalt	0	0	1	1	0	2
C4010 Portland Cement & Concrete	1	0	0	0	0	1
C5100 Concrete Structure	1	1	4	4	1	11
C5135 Concrete Block/Masonry Wall	0	1	0	0	0	1
C5150 Concrete Bridge Deck	0	0	0	0	1	1
C5201 Reinforcing Steel	2	0	0	1	0	3
C6200 Alternative Pipe Culvert	1	0	0	0	0	1
C6800 Subsurface Drain	0	0	0	0	1	1
C7301 Concrete Curb/Sidewalk Misc.	0	1	3	1	0	5
C8602 Signal & Lighting	0	0	1	0	1	2
C8603 Signal	0	0	1	0	2	3
C8604 Lighting	1	0	1	1	0	3
TOTALS	32	36	118	147	53	386

PROFESSIONAL SERVICES:	COUNTIES					TOTALS
	S.B.	RIVERSIDE	S.D.	L.A.	ORANGE	
Caltrans Work Category Codes: C8700, C8703, C8705, C8706, C8710, C8720, C8721, C8722, C8740, C8744, C8746, C8760, C8770, C8903, C9826, C9903, C9907, C9908, C9980						
C8700 Consultant	15	19	116	199	81	430
C8703 Traffic Engineer	4	3	36	38	44	125
C8705 Design	3	2	34	48	32	119
C8706 Design Bridges	2	2	18	21	27	70
C8710 Engineering	2	1	24	51	34	112
C8720 Civil Engineering	4	2	43	52	48	149
C8721 Right of Way Engineer	3	2	11	12	10	38
C8722 Environmental Engineer	4	2	18	26	23	73
C8740 Electrical Engineer	1	0	7	16	8	32
C8744 Landscape Architects	1	0	4	9	9	23
C8746 Structural Engineer	0	0	1	0	1	2
C8760 Surveyor	2	1	7	13	5	28
C8770 Construction Management	4	2	3	14	1	24
C8903 Electrical	3	0	4	14	4	25
C9826 Land Surveying	0	0	1	3	1	5
C9903 Construction Clean Up	0	1	1	4	3	9
C9907 Construction Equipment Rental	0	2	4	4	0	10
C9908 Heavy Equipment Rental	0	0	3	1	2	6
C9980 Demolition	7	8	21	21	5	62
TOTALS	55	47	356	546	338	1342

☞ Data Source: Caltrans on-line CUCP Database List of DBE Certified Firms

**CITY OF VICTORVILLE
REGIONAL ANNUAL ANTICIPATED DBE PARTICIPATION LEVEL ANALYSIS FOR FFY 2007/2008**

ATTACHMENT II

ESTABLISHMENT OF THE DENOMINATOR:

OF ESTABLISHED FIRMS IN SAN BERNARDINO, RIVERSIDE, ORANGE, SAN DIEGO AND LOS ANGELES COUNTIES

CONSTRUCTION SERVICES:	COUNTIES					TOTALS
	S.B.	RIVERSIDE	S.D.	L.A.	ORANGE	
NAICS/SIC CODE: 1500, 1600, 1610, 1620, 1730, 1741, 1770, 1791, 1794, 1795, 23700, 23710, 23711, 23730, 23731, 23790, 23799, 23810, 23811, 23812, 23814, 23819, 23821, 23891						
1500 General Construction	589	625	1411	3508	1430	7563
1600 Heavy Construction except Bldg	189	184	232	374	234	1213
1610 Highway & Street Construction	59	55	87	120	67	388
1620 Heavy Const. Except Highway	130	128	144	254	166	822
1730 Electrical	295	311	555	1482	639	3282
1741 Masonry other Stonework	73	91	125	239	149	687
1770 Concrete	132	177	227	383	245	1164
1791 Structural Steel	51	28	43	1791	44	1957
1794 Excavation	52	1794	92	117	91	2146
1795 Wrecking Demolition	7	7	12	1795	16	1837
23700 Hvy. / Civil Eng. Construction	214	302	400	578	399	1893
23710 Utility System Construction	92	132	126	174	123	647
23711 Water/Sewer Line Construction	63	84	76	101	69	393
23731 Hwy. Street, Bridge Const.	58	51	89	92	69	359
23799 Other Heavy Civil Eng. Const.	22	34	36	65	45	202
23810 Foundation/Structure Contractors	548	664	880	1545	837	4474
23811 Poured Concrete Foundation	157	202	242	338	203	1142
23812 Structural Steel & Pre-cast	46	23	31	108	31	239
23814 Masonry Contractors	86	143	179	297	167	872
23819 Other Foundation/Structure	24	30	60	121	47	282
23821 Electrical Construction	351	461	696	1611	782	3901
23891 Site Preparation	163	228	268	391	247	1297
TOTALS	3401	5754	6021	15484	6100	36760

PROFESSIONAL SERVICES: NAICS/SIC CODE: 8710, 8711, 8712, 8713, 8730, 8734, 54130, 54132, 54133, 54134, 54136, 54137, 54138, 54162, 54169	COUNTIES					
	S.B.	RIVERSIDE	S.D.	L.A.	ORANGE	TOTALS
8710 Engineering/Architectural Svcs.	240	253	1126	2246	1388	5253
8711 Engineering Services	180	178	814	1448	1001	3621
8712 Architectural Services	34	47	258	712	340	1391
8713 Surveying Services	26	28	50	70	45	219
8730 Research & Testing Services	43	36	47	703	317	1146
8734 Testing Laboratories	21	16	57	160	81	335
54130 Architectural/Engineering Svcs.	427	457	1655	3134	1864	7537
54132 Landscape Architectural Svcs.	18	34	119	167	144	482
54133 Engineering	247	239	951	1513	1060	4010
54134 Drafting Services	13	8	25	56	27	129
54136 Geophysical Surveying/Mapping	3	5	8	13	5	34
54137 Surveying/Mapping Services	31	33	61	72	52	249
54138 Testing Laboratories	26	20	72	176	97	391
54162 Environmental Consulting	34	28	103	194	163	522
54169 Other Professional Services	138	211	637	1524	832	3342
TOTALS	1481	1593	5983	12188	7416	28661



 John Mendiola, DBE Liaison Officer

2-27-08

 Date