

Contract Summary Form

OC Expediter Requisition #: 1671412

Mark Thomas & Company, Inc.
2121 Alton Parkway, Suite 210
Irvine, CA 92606

SUMMARY OF SIGNIFICANT CHANGES

1. Amend Contract Term to extend for two additional years. Page 3
2. Amend Contract Maximum Compensation to increase to \$1,108,419.74. Page 3

SUBCONTRACTORS

This contract includes the following subcontractors or pass through to other providers.

Subcontractor Name	Service(s)	Amount
Civil Works Engineers	Water Quality Management Plan, Traffic Signal Design, Electrical Design, and Construction Support	Unknown
Diaz Yourman & Associates	Geotechnical Design and Construction Support Services	Unknown

CONTRACT OPERATING EXPENSES

The below classification rates are anticipated costs. Actual costs and quantities may vary. The Contract includes provisions for the following:

Mark Thomas & Company, Inc.					
<i>(ICR 160.27%; Fee 10%; 4% increase/year)</i>					
<u>Classification Titles</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>
Sr. Principal	\$401.96	\$418.04	\$434.76	\$452.15	\$470.24
Principal/Project Manager	\$240.00	\$249.60	\$259.59	\$269.97	\$280.77
Sr. Engineering Manager	\$314.13	\$326.69	\$339.76	\$353.35	\$367.48
Engineering Manager	\$267.97	\$278.69	\$289.84	\$301.43	\$313.49
Practice Area Leader	\$267.97	\$278.69	\$289.84	\$301.43	\$313.49
Sr. Project Manager	\$224.80	\$233.79	\$243.14	\$252.87	\$262.98
Sr. Technical Lead	\$224.80	\$233.79	\$243.14	\$252.87	\$262.98

Deputy Project Manager	\$190.56	\$198.18	\$206.11	\$214.35	\$222.93
Project Manager	\$183.86	\$191.21	\$198.86	\$206.82	\$215.09
Technical Lead	\$183.86	\$191.21	\$198.86	\$206.82	\$215.09
Sr. Project Engineer	\$158.21	\$164.54	\$171.12	\$177.96	\$185.08
Sr. Technical Engineer	\$158.21	\$164.54	\$171.12	\$177.96	\$185.08
Project Engineer	\$138.11	\$143.63	\$149.38	\$155.35	\$161.57
Design Engineer II	\$120.99	\$125.83	\$130.86	\$136.10	\$141.54
Design Engineer I	\$97.17	\$101.06	\$105.10	\$109.30	\$113.67
Sr. Technician	\$116.12	\$120.77	\$125.60	\$130.62	\$135.85
Technician	\$113.52	\$118.06	\$122.78	\$127.69	\$132.80
Sr. Survey Manager	\$210.66	\$219.08	\$227.85	\$236.96	\$246.44
Survey Manager	\$179.39	\$186.57	\$194.03	\$201.79	\$209.87
Sr. Project Surveyor	\$162.27	\$168.76	\$175.51	\$182.54	\$189.84
Project Surveyor	\$146.64	\$152.51	\$158.61	\$164.95	\$171.55
Sr. Surveyor	\$153.68	\$159.83	\$166.22	\$172.87	\$179.79
Surveyor	\$103.47	\$107.61	\$111.91	\$116.39	\$121.04
Lead Survey Technician	\$133.99	\$139.35	\$144.92	\$150.72	\$156.75
Sr. Survey Technician	\$111.66	\$116.12	\$120.77	\$125.60	\$130.62
Survey Technician	\$80.39	\$83.61	\$86.95	\$90.43	\$94.05
Certified Party Chief* <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$131.90	\$137.17	\$142.66	\$148.37	\$154.30
Party Chief* <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$128.92	\$134.08	\$139.44	\$145.02	\$150.82
Instrumentman* <i>(Prevailing wage is based on our union</i>	\$120.07	\$124.88	\$129.87	\$135.07	\$140.47

<i>contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>					
Chainman/Rodman* <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$111.83	\$116.30	\$120.95	\$125.79	\$130.82
Apprentice (4th Period) <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$100.63	\$104.66	\$108.85	\$113.20	\$117.73
Apprentice (3rd Period) <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$89.47	\$93.05	\$96.77	\$100.64	\$104.66
Apprentice (2nd Period)* <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$78.27	\$81.40	\$84.66	\$88.05	\$91.57
Apprentice (1st Period)* <i>(Prevailing wage is based on our union contract which sets the wage. For proposal purposes, we have estimated escalation date and rate)</i>	\$55.91	\$58.15	\$60.48	\$62.90	\$65.41
Sr. LAUD Division Manager	\$238.20	\$247.73	\$257.64	\$267.94	\$278.66
LAUD Division Manager	\$217.36	\$226.05	\$235.09	\$244.50	\$254.28
Sr. LAUD Project Manager	\$189.07	\$196.63	\$204.50	\$212.68	\$221.19
LAUD Project Manager	\$168.23	\$174.96	\$181.96	\$189.23	\$196.80

Landscape Architect II	\$136.96	\$142.44	\$148.14	\$154.07	\$160.23
Landscape Architect I	\$101.23	\$105.28	\$109.50	\$113.88	\$118.43
Landscape Designer III	\$113.14	\$117.67	\$122.38	\$127.27	\$132.36
Landscape Designer II	\$92.30	\$95.99	\$99.83	\$103.83	\$107.98
Landscape Designer I	\$68.48	\$71.22	\$74.07	\$77.03	\$80.11
Deputy District Manager	\$233.73	\$243.08	\$252.81	\$262.92	\$273.43
Sr. Inspector	\$117.61	\$122.32	\$127.21	\$132.30	\$137.59
Inspector	\$84.86	\$88.25	\$91.78	\$95.45	\$99.27
Project Coordinator	\$92.30	\$95.99	\$99.83	\$103.83	\$107.98
Sr. Graphic Designer	\$110.17	\$114.57	\$119.16	\$123.92	\$128.88
Graphic Designer	\$78.90	\$82.06	\$85.34	\$88.76	\$92.31
Other Direct Costs					
<u>Description of Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>	
Reproductions (Half Size)	3200	Sheets	\$0.35	\$1,120.00	
Reproductions (Full Size)	1500	Sheets	\$1.00	\$1,500.00	
Subconsultant 1: Civil Works Engineering				\$83,357.39	
Subconsultant 2: Diaz Yourman & Associates				\$99,394.06	

Civil Works Engineer (Subcontractor)			
<i>(ICR 94.56%; Fee 10%; 3% increase/year)</i>			
<u>Classification Titles</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>
Principal Civil Engineer	\$154.09	\$158.71	\$163.48
Senior Drainage Engineer	\$149.81	\$154.31	\$158.93
Senior Traffic Engineer	\$124.13	\$127.85	\$131.69
Drainage & WQMP Engineer	\$96.31	\$99.20	\$102.17
Junior Engineer	\$66.34	\$68.34	\$70.39
Technical Editor	\$64.20	\$66.13	\$68.11
Other Direct Costs			

<u>Description of Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>
Printing, Delivery, Mileage, Parking Costs	1	Each	Cost	\$1,000
Electrical - Bastanchury Lighting	1	Each	\$10,605	\$10,605
Electrical - Golden Lighting	1	Each	\$4,500	\$4,500

Diaz Yourman & Associates (Subcontractor)				
<i>(ICR 199.46%; Fee 10%; 3-5% increase/year)</i>				
<u>Classification Titles</u>	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>
Associate Engineer I: Project Manager	\$193.69	\$199.50	\$209.48	\$219.95
Principal Engineer: Reporting/QA/QC	\$271.13	\$279.27	\$293.23	\$307.89
Associate Engineer II: Engineering Analyses. Reporting	\$211.58	\$217.92	\$228.82	\$240.26
Associate Engineer I: Engineering Analyses. Reporting	\$193.69	\$199.50	\$209.48	\$219.95
Senior Engineer: Field Exploration Management, Reporting	\$178.97	\$184.34	\$193.55	\$203.23
Project Engineer I: Engineering Analyses. Reporting	\$125.11	\$128.86	\$135.30	\$142.07
Staff Engineer II: Data Review, Field Exploration, ISA, Engineering Analyses, Reporting	\$114.50	\$117.94	\$123.83	\$130.03
Staff Engineer/Geologist I: Data Review, Field Exploration, Analyses	\$96.61	\$99.51	\$104.49	\$109.71
Technician*: Construction Observation	\$181.17	\$186.61	\$195.94	\$205.74
CADD/Word Processor	\$80.70	\$83.13	\$87.28	\$91.65
Technical Editor	\$124.81	\$128.56	\$134.98	\$141.73

Other Direct Costs				
<u>Description of Item</u>	<u>Qty</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>
Equipment Rental (Traffic Control)	2	EA	\$891.25	\$1,782.50
Permit Fees	1	EA	\$7,600.00	\$7,600.00
Supplies (Infiltration Test)	1	EA	\$500.00	\$500.00
Vehicle	64	Hours	\$18.00	\$1,152.00
Geophysics	1	LS	\$4,416.00	\$4,416.00
Drilling	1	LS	\$15,941.00	\$15,941.00
IDW Disposal	1	LS	\$949.00	\$949.00
Laboratory Testing	1	LS	\$13,559.00	\$13,559.00

Contract Summary Form

OC Expediter Requisition #: 1535192
 Blue Iron Foundations & Shoring, LLC
 2211 Michelson Dr., Suite 350
 Irvine, CA 92612

SUMMARY OF SIGNIFICANT CHANGES

N/A

SUBCONTRACTORS

1. This contract includes the following subcontractor or passes through to other providers:

Subcontractors	Services	Amount
J & E Construction	Earthwork	\$664,180.78
Harrell Electric	Electrical	\$564,562.56
1 Pass Sweeping	Street Sweeping	\$95,334.06
Hardy & Harper	Paving	\$429,390.25
Marina Landscape	Landscaping, Erosion Control	\$379,646.07
Crown Fence	Fencing	\$536,147.83
ABC Resources	Striping, Signage	\$48,503.52
The JV Land Clearing Co.	Clear & Grub	\$53,352.00
Next Century Rebar	Rebar	\$23,793.81

CONTRACT OPERATING EXPENSES

Item	Description	Unit	Qty	Unit Price (in figures)	Item Total (in figures)
1	PERMIT REQUIREMENTS	LS	1	\$29,987.10	\$29,987.10
2	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	LS	1	\$65,325.56	\$65,325.56
3	WORKER ENVIRONMENTAL AWARENESS PROGRAM	LS	1	\$1,755.00	\$1,755.00

4	DUST CONTROL	LS	1	\$328,738.15	\$328,738.15
5 (D)	DISPUTE RESOLUTION BOARD ONSITE MEETING	EA	7	\$6,000.00	\$42,000.00
6 (D)	HOURLY OFF-SITE DISPUTE RESOLUTION BOARD-RELATED TASKS	HR	20	\$200.00	\$4,000.00
7	PROJECT INFORMATION SIGN	EA	2	\$1,404.00	\$2,808.00
8	MOBILIZATION	LS	1	\$828,399.63	\$828,399.63
9	INSPECTION & REPORT OF EXISTING SITE CONDITIONS	LS	1	\$3,510.00	\$3,510.00
10	CLEARING & GRUBBING	LS	1	\$53,352.00	\$53,352.00
11	TEMPORARY FENCING	LF	500	\$19.08	\$9,540.00
12	MAINTAIN TRAFFIC AND DETOURS	LS	1	\$220,891.45	\$220,891.45
13	PORTABLE CHANGEABLE MESSAGE SIGNS	LS	1	\$5,148.00	\$5,148.00
14	CLASS "A" FIELD OFFICE	MO	15	\$4,895.83	\$73,437.45
15	REMOVE ASPHALT CONCRETE PAVEMENT	CY	100	\$149.65	\$14,965.00
16	REMOVE PCC (UNREINFORCED)	CY	20	\$263.00	\$5,260.00
17	REMOVE TREE	EA	76	\$390.48	\$29,676.48
18	REMOVE EXISTING FENCING	LF	710	\$10.82	\$7,682.20
19	REMOVE CHAIN LINK FENCE FABRIC	LF	2,400	\$2.87	\$6,888.00
20	REMOVE DRAINAGE INLET	EA	5	\$2,140.30	\$10,701.50
21	UNCLASSIFIED EXCAVATION	CY	7,140	\$75.39	\$538,284.60
22	STRUCTURE EXCAVATION (CULVERT)	CY	4,117	\$23.74	\$97,737.58
23	STRUCTURE EXCAVATION (RETAINING WALL)	CY	355	\$79.32	\$28,158.60

Attachment C

24	SAND BEDDING	CY	24	\$516.60	\$12,398.40
25	STRUCTURE BACKFILL (SHEET PILE WALL)	CY	33	\$119.60	\$3,946.80
26	STRUCTURE BACKFILL (CULVERT)	CY	1,675	\$15.38	\$25,761.50
27	STRUCTURE BACKFILL (RETAINING WALL)	CY	253	\$184.40	\$46,653.20
28	RETAINING WALL (MASONRY WALL)	SQFT	370	\$149.70	\$55,389.00
29	FURNISH STEEL SHEET PILE	SQFT	88,856	\$31.66	\$2,813,180.96
30	DRIVE STEEL SHEET PILE	SQFT	88,856	\$22.23	\$1,975,268.88
31	PRECAST BOX CULVERT (12' X 12.5')	LF	141	\$3,133.81	\$441,867.21
32	MISCELLANEOUS STRUCTURAL CONCRETE	CY	10	\$1,329.52	\$13,295.20
33	STRUCTURAL CONCRETE, RETAINING WALL	CY	100	\$1,479.87	\$147,987.00
34	STRUCTURAL CONCRETE, BOX CULVERT	CY	6	\$890.62	\$5,343.72
35	FRACTURED FIN TEXTURE	SF	1,020	\$16.88	\$17,217.60
36	UNCLASSIFIED FILL	CY	4,100	\$23.99	\$98,359.00
37	ASPHALT CONCRETE	TON	1,760	\$224.69	\$395,454.40
38	COLD MILL ASPHALT CONCRETE PAVEMENT	SF	1,400	\$2.17	\$3,038.00
39	GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING GRID)	SY	385	\$15.21	\$5,855.85
40	DECOMPOSED GRANITE	SF	1,940	\$20.33	\$39,440.20
41	SLURRY SEAL	SF	10,000	\$2.47	\$24,700.00
42	CURB RAMP CASE C (MOD)	EA	1	\$8,649.15	\$8,649.15
43	MISCELLANEOUS CONCRETE (C&G)	LF	120	\$61.49	\$7,378.80

44	MISCELLANEOUS CONCRETE (SIDEWALK)	CY	10	\$619.23	\$6,192.30
45	CONCRETE PIPE SLOPE ANCHOR	EA	2	\$1,063.36	\$2,126.72
46	MINOR CONCRETE (DRAINAGE APRON)	CY	12	\$1,763.22	\$21,158.64
47	MISCELLANEOUS CONCRETE (BIKEWAY GUTTER)	LF	260	\$86.93	\$22,601.80
48	DOWNDRAIN	LF	80	\$125.50	\$10,040.00
49	ROCK SLOPE PROTECTION (20 LB CLASS 1 METHOD B)	CY	6	\$2,281.61	\$13,689.66
50	ROCK SLOPE PROTECTION FABRIC (TYPE A)	SY	15	\$91.17	\$1,367.55
51	DRAINAGE INLET (G1,G2 INLETS)	EA	24	\$8,813.03	\$211,512.72
52	CONCRETE HEADWALL	EA	1	\$9,027.88	\$9,027.88
53	JUNCTION STRUCTURE (PIPE TO CHANNEL WALL)	EA	5	\$14,016.25	\$70,081.25
54	BAR REINFORCING STEEL (RETAINING WALL)	LB	9,347	\$2.28	\$21,311.16
55	BAR REINFORCING STEEL (BOX CULVERT)	LB	613	\$4.05	\$2,482.65
56	CLASS 2 PERMEABLE MATERIAL	CY	53	\$2,484.66	\$131,686.98
57	REMOVABLE WEEP HOLE FILTER	EA	308	\$485.06	\$149,398.48
58	SHEET PILE WALL GUTTER	LF	2,169	\$41.93	\$90,946.17
59	MINOR CONCRETE (GUTTER) (LF)	LF	72	\$104.74	\$7,541.28
60 (S)	MISCELLANEOUS METAL (STEEL SHEET PILE CAP)	LF	2,721	\$118.78	\$323,200.38
61	CHAIN LINK FENCE (TYPE CL-4, VINYL CLAD)	LF	147	\$100.62	\$14,791.14
62	CHAIN LINK FENCE (TYPE CL-4, VINYL CLAD) MOD	LF	634	\$83.36	\$52,850.24
63	CABLE RAILING (MOD - WEATHERING STEEL)	LF	2,087	\$72.25	\$150,785.75

Attachment C

64	PLACE AC DIKE	LF	2,000	\$14.04	\$28,080.00
65	CHAIN LINK WALK GATE	EA	8	\$8,862.75	\$70,902.00
66	CHAIN LINK DRIVE GATE (H=6', W=12')	EA	1	\$10,003.50	\$10,003.50
67	REPLACE CHAIN LINK FENCE POST	EA	20	\$375.86	\$7,517.20
68	CHAIN LINK FENCE FABRIC 42"	LF	900	\$19.89	\$17,901.00
69	CHAIN LINK FENCE FABRIC 60"	LF	1,460	\$25.16	\$36,733.60
70	CHAIN LINK FENCE (OCPW)	LF	365	\$92.43	\$33,736.95
71	PVC COATED CHAIN LINK FENCE	LF	560	\$115.83	\$64,864.80
72	PLASTIC EQUESTRIAN FENCE	LF	605	\$102.08	\$61,758.40
73	SINGLE LEAF SWING GATE	EA	1	\$14,303.25	\$14,303.25
74	REMOVE PIPE	LF	360	\$41.33	\$14,878.80
75	REMOVE DOWN DRAIN	LF	140	\$76.78	\$10,749.20
76	18" RCP PIPE	LF	900	\$265.31	\$238,779.00
77	18" RCP FES	EA	3	\$3,221.80	\$9,665.40
78	42" OCPI PIPE RISER	EA	1	\$6,232.79	\$6,232.79
79	48" REINFORCED CONCRETE MANHOLE	EA	1	\$13,359.60	\$13,359.60
80	REMOVE TRAFFIC STRIPING AND PAVEMENT MARKINGS	LS	1	\$23,201.10	\$23,201.10
81	TRAFFIC STRIPING AND PAVEMENT MARKINGS	LS	1	\$62,397.27	\$62,397.27
82	ROADWAY SIGN (SINGLE POST)	EA	22	\$1,150.11	\$25,302.42
83	WAYFINDING SIGNAGE	LS	1	\$61,887.74	\$61,887.74

84	AGGREGATE BASE	CY	1,200	\$145.14	\$174,168.00
85	EROSION CONTROL (FIBER ROLL)	LF	1,900	\$3.80	\$7,220.00
86	EROSION CONTROL (HYDROSEED)	SF	6,510	\$0.88	\$5,728.80
87	REMOVABLE BOLLARD	EA	4	\$1,685.66	\$6,742.64
88	SOIL PREPARATION	SF	18,200	\$0.59	\$10,738.00
89	IRRIGATION SYSTEM	SF	16,500	\$4.56	\$75,240.00
90	TREES, 24" BOX	EA	35	\$608.40	\$21,294.00
91	TREE STAKING	EA	35	\$100.29	\$3,510.15
92	SHRUBS, 5 GAL	EA	289	\$32.76	\$9,467.64
93	SHRUBS, 1 GAL	EA	964	\$10.76	\$10,372.64
94	GROUNDCOVER, 1 GAL	EA	278	\$10.53	\$2,927.34
95	BIOSWALE SEED MIX (HYDROSEED)	SF	23,000	\$0.23	\$5,290.00
96	BARK MULCH	CY	176	\$128.70	\$22,651.20
97	LANDSCAPE MAINTENANCE	MO	12	\$3,510.00	\$42,120.00
98	IMPORT BIOFILTRATION SOIL	LS	1	\$18,135.00	\$18,135.00
99 (NR)	REMOVE EX 8" ACP WATERLINE	LF	60	\$599.28	\$35,956.80
100 (NR)	8" PVC C900 (CLASS 305)	LF	60	\$158.90	\$9,534.00
101	TRAFFIC SIGNAL MODIFICATIONS AT IMPERIAL HIGHWAY/LA FLORESTA DRIVE	LS	1	\$87,750.00	\$87,750.00
102 (NR)	RELOCATE TRAIL LIGHTING ALONG IMPERIAL HIGHWAY	LS	1	\$155,062.56	\$155,062.56
103	NEW TUNNEL LIGHTING CROSSING BASTANCHURY DRIVE	LS	1	\$134,550.00	\$134,550.00

Attachment C

104	NEW TRAFFIC SIGNAL INSTALLATION FOR GOLDEN AVE MID-BLOCK CROSSING	LS	1	\$187,200.00	\$187,200.00
105	BIKEWAY GUTTER TO INLET TRANSITION	EA	2	\$5,834.89	\$11,669.78
106	DOWNDRAIN TO PIPE TRANSITION (MODIFIED TO JOIN INLET)	EA	2	\$5,965.68	\$11,931.36
107	MODIFIED OVERSIDE DRAIN	EA	2	\$2,637.64	\$5,275.28
108	EROSION CONTROL (SEDIMENT BARRIER)	LF	4,420	\$19.89	\$87,913.80
109	EROSION CONTROL (TEMP DRAINAGE INLET PROTECTION)	EA	25	\$269.10	\$6,727.50
110	EROSION CONTROL (ROLLED EROSION CONTROL PRODUCT)	LS	1	\$50,310.00	\$50,310.00
111	PROGRESS SCHEDULE (CPM)	LS	1	\$6,240.35	\$6,240.35
CONSTRUCTION TOTAL COST:					\$11,880,204.78