CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: **Traffic Signal Modernization - Phase 2 - Jamboree Road**
CONTRACT NO.: **C-3976**
ENGINEER'S ESTIMATE: **$900,000.00**
PROJECT MANAGER: **Brad Sommers**

BID LOCATION: City Clerk's Office - City Hall
DATE: 03/18/2009 TIME: 10:00 AM
BY: BL CHECKED: BS DATE: 03/18/2009

				Engineer's Estimate		C.T.& F., Inc.		Moore Electrical Contracting		TDS Engineering	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization	1	LS	15,000.00	15,000.00	3,229.00	3,229.00	40,000.00	40,000.00	29,154.65	29,154.65
2	Install Fiber Optic Cable - 48 SMFO	40,300	LF	3.97	160,100.00	1.74	70,122.00	3.50	141,050.00	1.62	65,286.00
3	Install Fiber Optic Cable - 6 SMFO	2,795	LF	7.91	22,100.00	1.43	3,996.85	3.00	8,385.00	1.33	3,717.35
4	Install 12/10 Microduct	37,550	LF	3.03	113,700.00	1.97	73,973.50	1.00	37,550.00	1.60	60,080.00
5	Install 2-inch HDPE Conduit	3,760	LF	28.56	107,400.00	16.96	63,769.60	8.00	30,080.00	19.00	71,440.00
6	Install #6 Pull Box	147	EA	706.80	103,900.00	307.73	45,236.31	200.00	29,400.00	600.00	88,200.00
7	Install #6E Pull Box	25	EA	800.00	20,000.00	436.32	10,908.00	275.00	6,875.00	700.00	17,500.00
8	Install Fiber Patch Panel	24	EA	1,500.00	36,000.00	1,076.25	25,830.00	500.00	12,000.00	1,000.00	24,000.00
9	Install Fiber Optic Splice Closure	23	EA	2,000.00	46,000.00	1,291.52	29,704.96	1,200.00	27,600.00	1,200.00	27,600.00
10	Install Fiber Distribution Unit and 19-inch Rack	1	EA	14,000.00	14,000.00	6,996.00	6,996.00	1,500.00	1,500.00	6,500.00	6,500.00
11	Install Aggregation Switch	2	EA	1,500.00	3,000.00	2,152.50	4,305.00	250.00	500.00	2,000.00	4,000.00
12	Install Power Strip	29	EA	200.00	5,800.00	172.21	4,994.09	50.00	1,450.00	160.00	4,640.00
13	Install Ethernet Switch	32	EA	1,000.00	32,000.00	322.88	10,332.16	250.00	8,000.00	300.00	9,600.00
14	Install CCTV Equipment	13	EA	5,200.00	67,600.00	1,722.00	22,386.00	3,250.00	42,250.00	1,950.00	25,350.00
15	Install Twisted Pair Copper SIC	1,150	LF	2.00	2,300.00	1.54	1,771.00	5.00	5,750.00	2.00	2,300.00
16	Install Ethernet Radio System	1	LS	3,000.00	3,000.00	7,534.00	7,534.00	7,500.00	7,500.00	7,000.00	7,000.00
17	Campus Dr/Bristol St North Traffic Signal Modification	1	LS	20,100.00	20,100.00	13,225.00	13,225.00	20,000.00	20,000.00	25,500.00	25,500.00
18	Campus Dr/Bristol St North Temporary TS Wiring	1	LS	7,900.00	7,900.00	3,839.00	3,839.00	4,500.00	4,500.00	5,500.00	5,500.00
19	Coast Hwy/Marguerite Ave Traffic Signal Modification	1	LS	10,000.00	10,000.00	15,798.00	15,798.00	13,000.00	13,000.00	18,195.00	18,195.00
20	Coast Hwy/Marguerite Ave Temporary TS Wiring	1	LS	7,900.00	7,900.00	3,839.00	3,839.00	6,500.00	6,500.00	5,500.00	5,500.00
21	Jamboree Rd/Back Bay Dr Traffic Signal Modification	1	LS	17,400.00	17,400.00	11,337.00	11,337.00	23,000.00	23,000.00	24,494.00	24,494.00
22	Jamboree Rd/Back Bay Dr Temporary TS Wiring	1	LS	7,900.00	7,900.00	3,839.00	3,839.00	5,500.00	5,500.00	5,500.00	5,500.00
23	Jamboree Rd/Island Lagoon Traffic Signal Modification	1	LS	11,300.00	11,300.00	15,016.00	15,016.00	20,000.00	20,000.00	21,476.00	21,476.00
24	Jamboree Rd/Island Lagoon Temporary TS Wiring	1	LS	7,900.00	7,900.00	3,839.00	3,839.00	5,500.00	5,500.00	5,500.00	5,500.00
25	Bison Ave/Camelback St Traffic Signal Modification	1	LS	15,900.00	15,900.00	32,420.00	32,420.00	26,300.00	26,300.00	23,918.00	23,918.00
26	Birch St/Quail St Traffic Signal Modification	1	LS	15,900.00	15,900.00	18,336.00	18,336.00	16,500.00	16,500.00	18,350.00	18,350.00
27	Irvine Ave/Bristol St South Traffic Signal Modification	1	LS	16,000.00	16,000.00	9,006.00	9,006.00	15,900.00	15,900.00	15,960.00	15,960.00
28	Irvine Ave/Bristol St South Temporary TS Wiring	1	LS	7,900.00	7,900.00	3,839.00	3,839.00	5,500.00	5,500.00	5,500.00	5,500.00
29	Locate Missing Pull Box	1	EA	1,000.00	1,000.00	365.00	365.00	750.00	750.00	250.00	250.00
30	Provide As-Built Plans	1	LS	1,000.00	1,000.00	513.00	513.00	1,481.00	1,481.00	100.00	100.00
				EE	900,000.00	LOW	520,299.47	2ND	564,321.00	3RD	622,111.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: **Traffic Signal Modernization - Phase 2 - Jamboree Road**
CONTRACT NO.: **C-3976**
ENGINEER'S ESTIMATE: **$900,000.00**
PROJECT MANAGER: **Brad Sommers**

BID LOCATION: City Clerk's Office - City Hall
DATE: 03/18/2009 TIME: 10:00 AM
BY: BL CHECKED: BS DATE: 03/18/2009

				Engineer's Estimate		Steiny and Company, Inc.		Christopher R. Morales, Inc.		Dynalectric	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization	1	LS	15,000.00	15,000.00	1,100.00	1,100.00	27,600.00	27,600.00	38,762.50	38,762.50
2	Install Fiber Optic Cable - 48 SMFO	40,300	LF	3.97	160,100.00	2.55	102,765.00	1.75	70,525.00	1.00	40,300.00
3	Install Fiber Optic Cable - 6 SMFO	2,795	LF	7.91	22,100.00	0.80	2,236.00	2.00	5,590.00	0.50	1,397.50
4	Install 12/10 Microduct	37,550	LF	3.03	113,700.00	2.02	75,851.00	1.60	60,080.00	1.00	37,550.00
5	Install 2-inch HDPE Conduit	3,760	LF	28.56	107,400.00	19.25	72,380.00	30.00	112,800.00	12.00	45,120.00
6	Install #6 Pull Box	147	EA	706.80	103,900.00	470.00	69,090.00	500.00	73,500.00	1,818.00	267,246.00
7	Install #6E Pull Box	25	EA	800.00	20,000.00	590.00	14,750.00	1,000.00	25,000.00	2,069.00	51,725.00
8	Install Fiber Patch Panel	24	EA	1,500.00	36,000.00	1,090.00	26,160.00	1,000.00	24,000.00	905.00	21,720.00
9	Install Fiber Optic Splice Closure	23	EA	2,000.00	46,000.00	1,307.00	30,061.00	1,200.00	27,600.00	530.00	12,190.00
10	Install Fiber Distribution Unit and 19-inch Rack	1	EA	14,000.00	14,000.00	7,220.00	7,220.00	6,500.00	6,500.00	8,898.00	8,898.00
11	Install Aggregation Switch	2	EA	1,500.00	3,000.00	2,260.00	4,520.00	2,000.00	4,000.00	845.00	1,690.00
12	Install Power Strip	29	EA	200.00	5,800.00	180.00	5,220.00	200.00	5,800.00	154.00	4,466.00
13	Install Ethernet Switch	32	EA	1,000.00	32,000.00	330.00	10,560.00	300.00	9,600.00	183.00	5,856.00
14	Install CCTV Equipment	13	EA	5,200.00	67,600.00	3,534.00	45,942.00	2,000.00	26,000.00	1,361.00	17,693.00
15	Install Twisted Pair Copper SIC	1,150	LF	2.00	2,300.00	2.50	2,875.00	2.50	2,875.00	23.00	26,450.00
16	Install Ethernet Radio System	1	LS	3,000.00	3,000.00	9,000.00	9,000.00	7,000.00	7,000.00	11,707.11	11,707.11
17	Campus Dr/Bristol St North Traffic Signal Modification	1	LS	20,100.00	20,100.00	16,500.00	16,500.00	16,800.00	16,800.00	8,998.21	8,998.21
18	Campus Dr/Bristol St North Temporary TS Wiring	1	LS	7,900.00	7,900.00	2,000.00	2,000.00	8,000.00	8,000.00	5,887.31	5,887.31
19	Coast Hwy/Marguerite Ave Traffic Signal Modification	1	LS	10,000.00	10,000.00	13,500.00	13,500.00	16,000.00	16,000.00	8,263.54	8,263.54
20	Coast Hwy/Marguerite Ave Temporary TS Wiring	1	LS	7,900.00	7,900.00	2,000.00	2,000.00	8,000.00	8,000.00	5,887.31	5,887.31
21	Jamboree Rd/Back Bay Dr Traffic Signal Modification	1	LS	17,400.00	17,400.00	19,000.00	19,000.00	18,000.00	18,000.00	16,036.49	16,036.49
22	Jamboree Rd/Back Bay Dr Temporary TS Wiring	1	LS	7,900.00	7,900.00	2,000.00	2,000.00	8,000.00	8,000.00	5,887.31	5,887.31
23	Jamboree Rd/Island Lagoon Traffic Signal Modification	1	LS	11,300.00	11,300.00	14,500.00	14,500.00	16,000.00	16,000.00	13,646.64	13,646.64
24	Jamboree Rd/Island Lagoon Temporary TS Wiring	1	LS	7,900.00	7,900.00	2,000.00	2,000.00	8,000.00	8,000.00	5,887.31	5,887.31
25	Bison Ave/Camelback St Traffic Signal Modification	1	LS	15,900.00	15,900.00	42,500.00	42,500.00	24,000.00	24,000.00	39,023.99	39,023.99
26	Birch St/Quail St Traffic Signal Modification	1	LS	15,900.00	15,900.00	26,000.00	26,000.00	15,000.00	15,000.00	14,701.33	14,701.33
27	Irvine Ave/Bristol St South Traffic Signal Modification	1	LS	16,000.00	16,000.00	12,000.00	12,000.00	12,000.00	12,000.00	6,190.35	6,190.35
28	Irvine Ave/Bristol St South Temporary TS Wiring	1	LS	7,900.00	7,900.00	2,000.00	2,000.00	8,000.00	8,000.00	5,887.31	5,887.31
29	Locate Missing Pull Box	1	EA	1,000.00	1,000.00	662.00	662.00	1,000.00	1,000.00	1,938.85	1,938.85
30	Provide As-Built Plans	1	LS	1,000.00	1,000.00	1,500.00	1,500.00	1,000.00	1,000.00	10,920.41	10,920.41
				EE	900,000.00	4TH	635,892.00	5TH	648,270.00	6TH	741,927.47
									649,420.00 *		743,703.50 *

* Written Bid Amount

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: **Traffic Signal Modernization - Phase 2 - Jamboree Road**
CONTRACT NO.: **C-3976**
ENGINEER'S ESTIMATE: **$900,000.00**
PROJECT MANAGER: **Brad Sommers**

BID LOCATION: City Clerk's Office - City Hall
DATE: 03/18/2009 TIME: 10:00 AM
BY: BL CHECKED: BS DATE: 03/18/2009

				Engineer's Estimate		Republic ITS		Pouk & Steinle, Inc.		Terno, Inc.	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization	1	LS	15,000.00	15,000.00	2,500.00	2,500.00	15,000.00	15,000.00	38,784.00	38,784.00
2	Install Fiber Optic Cable - 48 SMFO	40,300	LF	3.97	160,100.00	1.75	70,525.00	1.60	64,480.00	1.92	77,376.00
3	Install Fiber Optic Cable - 6 SMFO	2,795	LF	7.91	22,100.00	1.45	4,052.75	1.35	3,773.25	1.00	2,795.00
4	Install 12/10 Microduct	37,550	LF	3.03	113,700.00	1.85	69,467.50	1.60	60,080.00	1.70	63,835.00
5	Install 2-inch HDPE Conduit	3,760	LF	28.56	107,400.00	38.00	142,880.00	45.00	169,200.00	27.00	101,520.00
6	Install #6 Pull Box	147	EA	706.80	103,900.00	715.00	105,105.00	1,110.00	163,170.00	933.00	137,151.00
7	Install #6E Pull Box	25	EA	800.00	20,000.00	935.00	23,375.00	1,230.00	30,750.00	1,238.00	30,950.00
8	Install Fiber Patch Panel	24	EA	1,500.00	36,000.00	1,100.00	26,400.00	1,050.00	25,200.00	1,100.00	26,400.00
9	Install Fiber Optic Splice Closure	23	EA	2,000.00	46,000.00	1,300.00	29,900.00	1,260.00	28,980.00	1,320.00	30,360.00
10	Install Fiber Distribution Unit and 19-inch Rack	1	EA	14,000.00	14,000.00	7,000.00	7,000.00	6,825.00	6,825.00	7,150.00	7,150.00
11	Install Aggregation Switch	2	EA	1,500.00	3,000.00	2,200.00	4,400.00	2,100.00	4,200.00	2,200.00	4,400.00
12	Install Power Strip	29	EA	200.00	5,800.00	150.00	4,350.00	168.00	4,872.00	176.00	5,104.00
13	Install Ethernet Switch	32	EA	1,000.00	32,000.00	330.00	10,560.00	315.00	10,080.00	330.00	10,560.00
14	Install CCTV Equipment	13	EA	5,200.00	67,600.00	2,000.00	26,000.00	2,049.00	26,637.00	2,145.00	27,885.00
15	Install Twisted Pair Copper SIC	1,150	LF	2.00	2,300.00	6.00	6,900.00	2.00	2,300.00	3.50	4,025.00
16	Install Ethernet Radio System	1	LS	3,000.00	3,000.00	7,500.00	7,500.00	7,500.00	7,500.00	7,700.00	7,700.00
17	Campus Dr/Bristol St North Traffic Signal Modification	1	LS	20,100.00	20,100.00	19,000.00	19,000.00	19,200.00	19,200.00	18,634.00	18,634.00
18	Campus Dr/Bristol St North Temporary TS Wiring	1	LS	7,900.00	7,900.00	10,000.00	10,000.00	2,000.00	2,000.00	8,484.00	8,484.00
19	Coast Hwy/Marguerite Ave Traffic Signal Modification	1	LS	10,000.00	10,000.00	16,000.00	16,000.00	16,650.00	16,650.00	17,930.00	17,930.00
20	Coast Hwy/Marguerite Ave Temporary TS Wiring	1	LS	7,900.00	7,900.00	10,000.00	10,000.00	4,000.00	4,000.00	8,484.00	8,484.00
21	Jamboree Rd/Back Bay Dr Traffic Signal Modification	1	LS	17,400.00	17,400.00	21,000.00	21,000.00	21,000.00	21,000.00	26,652.00	26,652.00
22	Jamboree Rd/Back Bay Dr Temporary TS Wiring	1	LS	7,900.00	7,900.00	10,000.00	10,000.00	2,000.00	2,000.00	8,484.00	8,484.00
23	Jamboree Rd/Island Lagoon Traffic Signal Modification	1	LS	11,300.00	11,300.00	15,000.00	15,000.00	14,700.00	14,700.00	22,255.00	22,255.00
24	Jamboree Rd/Island Lagoon Temporary TS Wiring	1	LS	7,900.00	7,900.00	10,000.00	10,000.00	2,000.00	2,000.00	8,484.00	8,484.00
25	Bison Ave/Camelback St Traffic Signal Modification	1	LS	15,900.00	15,900.00	37,000.00	37,000.00	28,100.00	28,100.00	36,397.00	36,397.00
26	Birch St/Quail St Traffic Signal Modification	1	LS	15,900.00	15,900.00	37,000.00	37,000.00	16,800.00	16,800.00	20,966.00	20,966.00
27	Irvine Ave/Bristol St South Traffic Signal Modification	1	LS	16,000.00	16,000.00	14,000.00	14,000.00	16,800.00	16,800.00	13,424.00	13,424.00
28	Irvine Ave/Bristol St South Temporary TS Wiring	1	LS	7,900.00	7,900.00	10,000.00	10,000.00	2,000.00	2,000.00	8,484.00	8,484.00
29	Locate Missing Pull Box	1	EA	1,000.00	1,000.00	1,200.00	1,200.00	610.00	610.00	198.00	198.00
30	Provide As-Built Plans	1	LS	1,000.00	1,000.00	1,000.00	1,000.00	2,500.00	2,500.00	824.00	824.00
				EE	900,000.00	7TH	752,115.25	8TH	771,407.25	9TH	775,695.00

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

TITLE: **Traffic Signal Modernization - Phase 2 - Jamboree Road**
CONTRACT NO.: **C-3976**
ENGINEER'S ESTIMATE: **$900,000.00**
PROJECT MANAGER: **Brad Sommers**

BID LOCATION: City Clerk's Office - City Hall
DATE: 03/18/2009 TIME: 10:00 AM
BY: BL CHECKED: BS DATE: 03/18/2009

				Engineer's Estimate		California Professional Engineering, Inc.	
ITEM	DESCRIPTION	QUANTITY		UNIT	AMOUNT	UNIT	AMOUNT
1	Mobilization	1	LS	15,000.00	15,000.00	30,000.00	30,000.00
2	Install Fiber Optic Cable - 48 SMFO	40,300	LF	3.97	160,100.00	1.74	70,122.00
3	Install Fiber Optic Cable - 6 SMFO	2,795	LF	7.91	22,100.00	1.43	3,996.85
4	Install 12/10 Microduct	37,550	LF	3.03	113,700.00	2.25	84,487.50
5	Install 2-inch HDPE Conduit	3,760	LF	28.56	107,400.00	32.00	120,320.00
6	Install #6 Pull Box	147	EA	706.80	103,900.00	650.00	95,550.00
7	Install #6E Pull Box	25	EA	800.00	20,000.00	850.00	21,250.00
8	Install Fiber Patch Panel	24	EA	1,500.00	36,000.00	1,070.00	25,680.00
9	Install Fiber Optic Splice Closure	23	EA	2,000.00	46,000.00	1,284.00	29,532.00
10	Install Fiber Distribution Unit and 19-inch Rack	1	EA	14,000.00	14,000.00	6,955.00	6,955.00
11	Install Aggregation Switch	2	EA	1,500.00	3,000.00	2,140.00	4,280.00
12	Install Power Strip	29	EA	200.00	5,800.00	171.20	4,964.80
13	Install Ethernet Switch	32	EA	1,000.00	32,000.00	321.00	10,272.00
14	Install CCTV Equipment	13	EA	5,200.00	67,600.00	2,086.50	27,124.50
15	Install Twisted Pair Copper SIC	1,150	LF	2.00	2,300.00	4.00	4,600.00
16	Install Ethernet Radio System	1	LS	3,000.00	3,000.00	7,490.00	7,490.00
17	Campus Dr/Bristol St North Traffic Signal Modification	1	LS	20,100.00	20,100.00	24,000.00	24,000.00
18	Campus Dr/Bristol St North Temporary TS Wiring	1	LS	7,900.00	7,900.00	7,000.00	7,000.00
19	Coast Hwy/Marguerite Ave Traffic Signal Modification	1	LS	10,000.00	10,000.00	20,400.00	20,400.00
20	Coast Hwy/Marguerite Ave Temporary TS Wiring	1	LS	7,900.00	7,900.00	8,000.00	8,000.00
21	Jamboree Rd/Back Bay Dr Traffic Signal Modification	1	LS	17,400.00	17,400.00	27,080.00	27,080.00
22	Jamboree Rd/Back Bay Dr Temporary TS Wiring	1	LS	7,900.00	7,900.00	8,000.00	8,000.00
23	Jamboree Rd/Island Lagoon Traffic Signal Modification	1	LS	11,300.00	11,300.00	22,000.00	22,000.00
24	Jamboree Rd/Island Lagoon Temporary TS Wiring	1	LS	7,900.00	7,900.00	8,000.00	8,000.00
25	Bison Ave/Camelback St Traffic Signal Modification	1	LS	15,900.00	15,900.00	46,325.00	46,325.00
26	Birch St/Quail St Traffic Signal Modification	1	LS	15,900.00	15,900.00	37,375.00	37,375.00
27	Irvine Ave/Bristol St South Traffic Signal Modification	1	LS	16,000.00	16,000.00	22,800.00	22,800.00
28	Irvine Ave/Bristol St South Temporary TS Wiring	1	LS	7,900.00	7,900.00	8,000.00	8,000.00
29	Locate Missing Pull Box	1	EA	1,000.00	1,000.00	600.00	600.00
30	Provide As-Built Plans	1	LS	1,000.00	1,000.00	2,000.00	2,000.00
				EE	900,000.00	10TH	788,204.65