

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

334



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
February 10, 2009

SUBJECT: Construction of Traffic Signal and Lighting, Rubidoux Boulevard / Cedar Avenue at Tarragona Road / El Rivino Road, Rubidoux area

RECOMMENDED MOTION: That the Board accept the low bid of A P Engineering Corporation of Riverside, CA in the amount of \$245,163. Award the contract to that firm and authorize the Chairman of the Board to execute the contract documents.

BACKGROUND: By Minute Order dated November 4, 2008 (agenda item 3.42) the Board authorized the Clerk of the Board to advertise for the construction of traffic signal and lighting at the intersection of Rubidoux Boulevard / Cedar Avenue at Tarragona Road / El Rivino Road, Rubidoux area. Bids for the project were opened in the office of the Director of Transportation at 2:00 PM, Wednesday, December 3, 2008. Thirteen responsive bids were received. The lowest and best bid was submitted by of A P Engineering Corporation in the amount of

Juan C. Perez
Director of Transportation

JCP:jrj
(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 245,163	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2008/2009
SOURCE OF FUNDS: West County DIF Signal Mitigation (100%)				Positions To Be Deleted Per A-30 <input type="checkbox"/>
				Requires 4/5 Vote <input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE

BY:
Alex Gann

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL
BY:
MARSHAL L. VICTOR
DATE: 02/10/09
Departmental Concurrence

Policy
 Policy

Consent
 Consent

Dep't Recomm.:
Per Exec. Ofc.:

Prev. Agn. Ref. 11/4/08, Item 3.42 | District: 2 | Agenda Number:

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

3.22

The Honorable Board of Supervisors

RE: Construction of Traffic Signal and Lighting, Rubidoux Boulevard / Cedar Avenue at Tarragona Road / El Rivino Road, Rubidoux area

February 10, 2009

Page 2 of 2

\$245,163. The bid is \$78,697 (24.3%) less than the Engineer's Estimate. The Transportation Improvement Program provides for the construction of the subject improvements. The project is expected to be completed within the existing budget as shown on Attachment A.

The Contractor has executed the contract and has provided bonds and insurance certificate documents which meet the requirements of the contract.

The contractor is qualified.

This location meets warrants for the construction of a traffic signal, which will provide protected turn movements on Rubidoux Boulevard / Cedar Avenue, pedestrian signals, safety lighting, and will improve traffic safety. Additional improvements include drainage improvements, minor intersection widening, pavement repairs, curb ramps, and associated improvements.

The Development Impact Fee (DIF) program, which is governed under Ordinance 659.6, allows for the use of DIF funds for traffic signal facilities. The annual traffic signal operation and maintenance is estimated at \$4,500, to be funded from gas tax.

Project No. B7-0704

**ENCUMBRANCE INFORMATION
FOR BOARD OF SUPERVISORS APPROVED CONTRACTS
COUNTY OF RIVERSIDE**

VENDOR NAME AND ADDRESS:

AP Engineering Corporation
1271 Columbia Ave, Suite 10
Riverside, CA 92507
(760) 948-8400

B-PO NO.: **B**

DEPT: **Transportation**

DATE: **January 29, 2009**

BUDGET F. Y.: **2008 / 2009**

BOS APPROVAL DATE: _____

AGENDA NUMBER: _____

VENDOR

CODE: _____

TRANS
CODE: **PO**

TRANS
DEPT: **3130500000**

DOCUMENT
TOTAL: **\$ 245,163.00**

LINE NO.	FUND	DEPT.	ORG.	SUB ORG.	APPR. CODE	OBJECT	ACTIVITY	JOB/PROJECT	LINE AMOUNT
	20000								

NOTE:

Fund 20000 is exempt from encumbering construction contracts per agreement with A-C General Accounting Division. (Contact: Bob Barton Ext. 5-3843)

Regular contract or Blanket contract.

If blanket: Encumber,
 Do not encumber.

Current year contract, or
 Multi-year contract.

If multi-year contract,
encumbrance amount for:

First year \$ N/A

Second year \$ _____

Third year \$ _____

CONTRACT DESCRIPTION:

**Construction of Traffic Signal and Lighting
Rubidoux Boulevard / Cedar Avenue at Tarragona Road / El Rivino
Road Project No. B7-0704**

PREPARED BY: **Joel Jimenez**

DATE: **January 29, 2009**

APPROVED BY: _____

DATE: _____

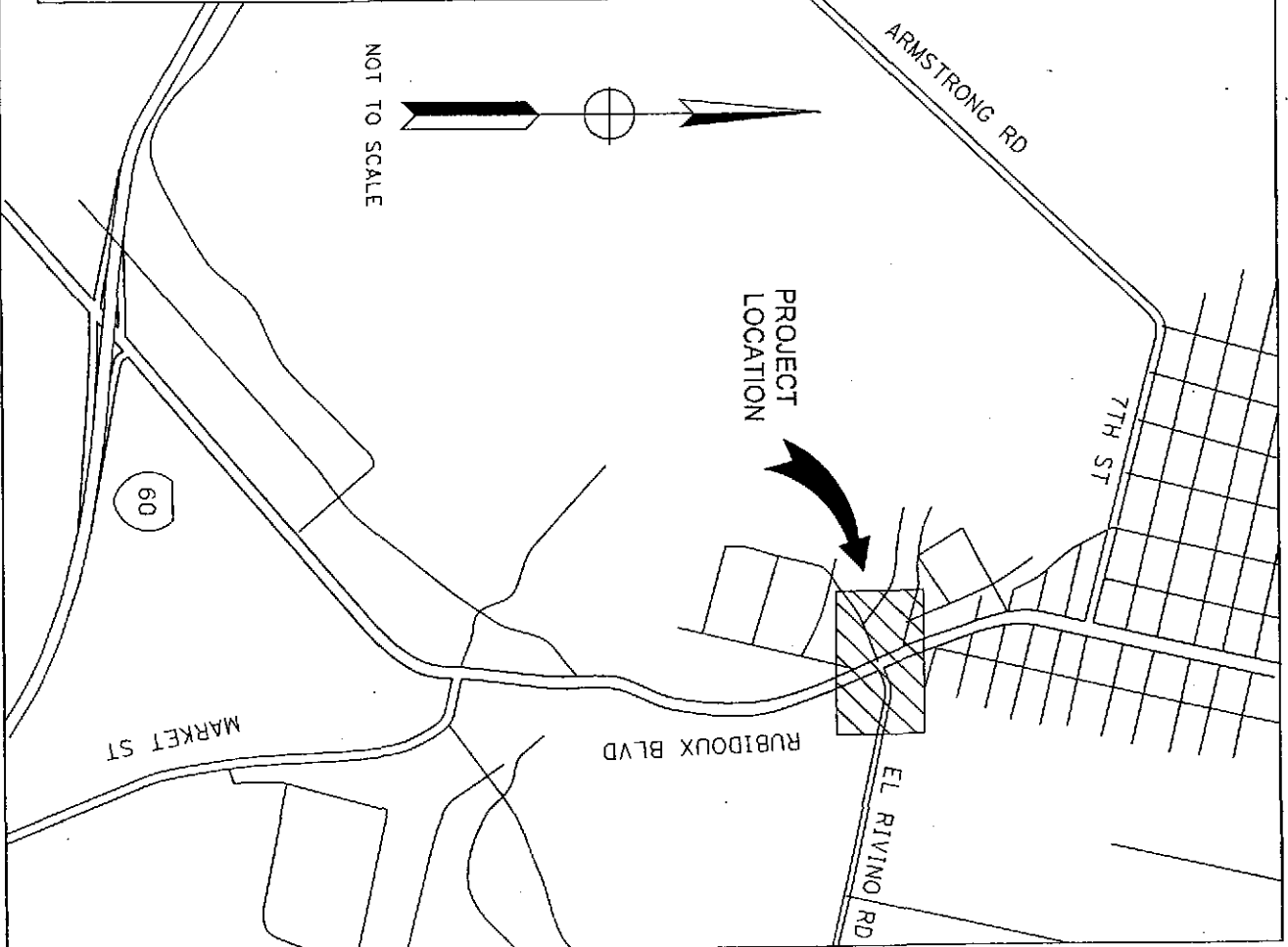
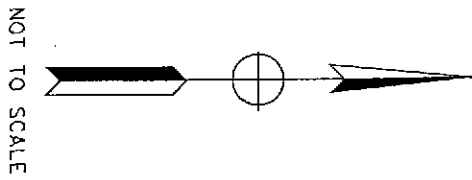
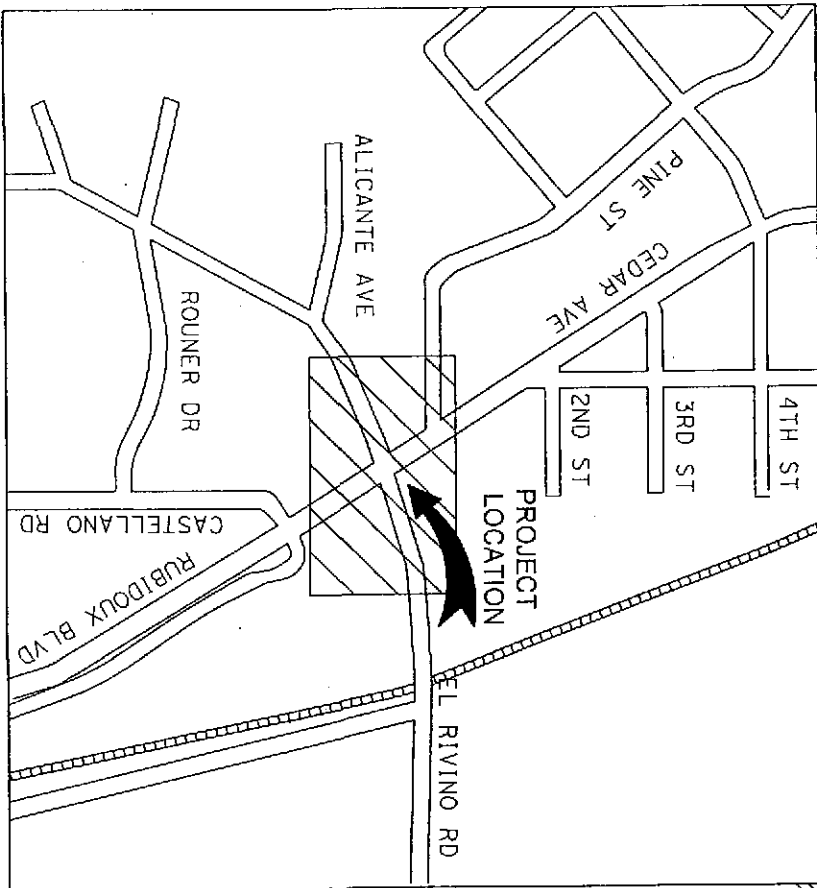
PHONE: **(951) 955-1537**

PHONE: _____

A-C ENCUMBRANCE:

ENCUMBERED BY: _____

PROJECT LENGTH = 800 FT
TOWNSHIP 18 28 RANGE 6W SECTION 34
VICINITY MAP



Attachment "A"

Riverside County Transportation Department

Project: **Rubidoux Blvd/Cedar Ave & El Rivino Rd/Tarragona Dr**

Project No.(s): **B7-0704**

Project Costs and Budget

Activity	Incurred Costs	Projected Costs	Total Costs	Existing Budget
Preliminary Survey				
Environmental	124		124	2,000
Design	93,807	193	94,000	59,000
Right-of-way				
Utilities	3,002	998	4,000	5,000
Construction	1,151	245,163	246,314	400,000
Construction Contingency 10%		24,631	24,631	
Signal Pole Equipment		44,031	44,031	44,031
Construction Engineering & Inspection 15%	22,610	14,337	36,947	35,000
Construction Survey 5%		12,316	12,316	10,000
Totals:	120,694	341,670	462,363	511,000

Project Funding

Code	Name	Existing Budget
369	West County DIF Signal Mitlgation Fund	511,000
Totals		511,000

Comments

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Construction of Traffic Signal and Lighting - Rubidoux Blvd.
Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

Advertised: Tuesday, November 4, 2008 (Agenda Item: 3.42)
Bids Open: 2 pm Date: Wednesday, December 3, 2008

PROJECT NO. B7-0704

Base Bid		COUNTY'S ESTIMATE				AP ENGINEERING CORPORATION Riverside, CA 92507		
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	150,000.00	150,000.00	117,682.00	117,682.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	10,000.00	10,000.00	8,000.00	8,000.00
3	074020	WATER POLLUTION CONTROL	LS	1	3,000.00	3,000.00	1,800.00	1,800.00
4	066102	DUST ABATEMENT	LS	1	1,000.00	1,000.00	1,000.00	1,000.00
5	160101	CLEARING AND GRUBBING	LS	1	8,000.00	8,000.00	3,000.00	3,000.00
6	160101	ROADWAY EXCAVATION	CY	250	55.00	13,750.00	58.00	14,500.00
7	220101	FINISHING ROADWAY	LS	1	3,000.00	3,000.00	1,000.00	1,000.00
8	160120	REMOVE TREE	EA	2	500.00	1,000.00	1,500.00	3,000.00
9	260201	CLASS 2 AGGREGATE BASE	CY	140	75.00	10,500.00	55.00	7,700.00
10	390130	HOT ASPHALT MIX	TON	180	200.00	36,000.00	109.00	19,620.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SQFT	270	5.00	1,350.00	10.00	2,700.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	330	20.00	6,600.00	17.00	5,610.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	1,500.00	1,500.00	3,255.00	3,255.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SQFT	1,180	20.00	23,600.00	10.00	11,800.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	1,000.00	1,000.00	1,725.00	1,725.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	200.00	800.00	650.00	2,600.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	3,000.00	9,000.00	3,200.00	9,600.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	2,500.00	2,500.00	2,300.00	2,300.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.078" THICK)	LF	76	165.00	12,540.00	84.00	6,384.00
20	510501	MINOR CONCRETE (CONCRETE COLLAR)	EA	2	2,000.00	4,000.00	1,000.00	2,000.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	2,000.00	4,000.00	2,258.00	4,516.00
22	510501	MINOR CONCRETE (CONCRETE CRADLE)	EA	1	500.00	500.00	3,128.00	3,128.00
23	510501	MINOR CONCRETE (CONCRETE SPILLWAY)	SQFT	91	45.00	4,095.00	38.00	3,458.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	1,200	4.00	4,800.00	2.60	3,120.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	950	5.00	4,750.00	2.90	2,755.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.75	3,375.00	0.25	1,125.00
27	566011	ROADSIDE SIGN - ONE POST	EA	3	300.00	900.00	285.00	855.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	100.00	500.00	60.00	300.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	10.00	1,800.00	3.50	630.00
Total						323,860.00		245,163.00
Items 1-29								

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Construction of Traffic Signal and Lighting - Rubidoux Blvd.
Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

Advertised: Tuesday, November 4, 2008 (Agenda Item: 3.42)
Bids Open: 2 pm Date: Wednesday, December 3, 2008

PROJECT NO. B7-0704

Base Bid		CALIFORNIA ENGINEERING & CONTRACTING, INC. Fountain Valley, CA 92708		ALLIANCE STREETWORKS, INC. Anaheim, CA 92801				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	136,000.00	136,000.00	130,000.00	130,000.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	1,800.00	1,800.00	10,000.00	10,000.00
3	074020	WATER POLLUTION CONTROL	LS	1	900.00	900.00	10,000.00	10,000.00
4	066102	DUST ABATEMENT	LS	1	900.00	900.00	5,000.00	5,000.00
5	160101	CLEARING AND GRUBBING	LS	1	1,000.00	1,000.00	8,000.00	8,000.00
6	190101	ROADWAY EXCAVATION	CY	250	70.00	17,500.00	60.00	15,000.00
7	220101	FINISHING ROADWAY	LS	1	1,500.00	1,500.00	4,000.00	4,000.00
8	160120	REMOVE TREE	EA	2	600.00	1,200.00	500.00	1,000.00
9	260201	CLASS 2 AGGREGATE BASE	CY	140	60.00	8,400.00	40.00	5,600.00
10	390130	HOT ASPHALT MIX	TON	180	108.00	19,440.00	90.00	16,200.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SOFT	270	9.00	2,430.00	5.00	1,350.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	330	17.00	5,610.00	12.00	3,960.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	3,000.00	3,000.00	2,000.00	2,000.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SOFT	1,180	14.00	16,520.00	5.50	6,490.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	1,725.00	1,725.00	3,000.00	3,000.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	600.00	2,400.00	150.00	600.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	3,000.00	9,000.00	4,500.00	13,500.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	2,400.00	2,400.00	3,500.00	3,500.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.079" THICK)	LF	76	160.00	12,160.00	100.00	7,600.00
20	510501	MINOR CONCRETE (CONCRETE COLLAR)	EA	2	2,000.00	4,000.00	500.00	1,000.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	900.00	1,800.00	3,800.00	7,600.00
22	510501	MINOR CONCRETE (CONCRETE CRADLE)	EA	1	2,000.00	2,000.00	1,200.00	1,200.00
23	510501	MINOR CONCRETE (CONCRETE SPILLWAY)	SOFT	91	22.00	2,002.00	19.00	1,729.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SOFT	1,200	2.00	2,400.00	1.90	2,280.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SOFT	950	2.50	2,375.00	4.00	3,800.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.50	2,250.00	0.25	1,125.00
27	568011	ROADSIDE SIGN - ONE POST	EA	3	200.00	600.00	675.00	2,025.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	50.00	250.00	30.00	150.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	3.00	540.00	5.00	900.00
Total						262,102.00		268,609.00
Items 1-29								

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Construction of Traffic Signal and Lighting - Rubidoux Blvd.
Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

**Advertised: Tuesday, November 4, 2008 (Agenda Item: 3.42)
Bids Open: 2 pm Date: Wednesday, December 3, 2008**

PROJECT NO. B7-0704

Base Bid		DBX, INC. Temecula, CA 92590		HILLCREST CONTRACTING, INC. Corona, CA 92878				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	126,460.00	126,460.00	120,000.00	120,000.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	4,500.00	4,500.00	7,300.00	7,300.00
3	074020	WATER POLLUTION CONTROL	LS	1	3,000.00	3,000.00	3,500.00	3,500.00
4	066102	DUST ABATEMENT	LS	1	800.00	800.00	1,600.00	1,600.00
5	160101	CLEARING AND GRUBBING	LS	1	8,000.00	8,000.00	12,000.00	12,000.00
6	190101	ROADWAY EXCAVATION	CY	250	48.00	12,000.00	48.00	12,000.00
7	220101	FINISHING ROADWAY	LS	1	1,500.00	1,500.00	9,700.00	9,700.00
8	160120	REMOVE TREE	EA	2	1,000.00	2,000.00	1,280.00	2,560.00
9	260201	CLASS 2 AGGREGATE BASE	CY	140	96.00	12,600.00	160.00	22,400.00
10	390130	HOT ASPHALT MIX	TON	180	185.00	33,300.00	130.00	23,400.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SQFT	270	6.00	1,620.00	6.30	1,701.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	330	15.00	4,950.00	6.50	2,145.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	1,060.00	1,060.00	820.00	820.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SQFT	1,180	16.00	18,880.00	12.00	14,160.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	2,500.00	2,500.00	1,330.00	1,330.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	800.00	3,200.00	150.00	600.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	4,000.00	12,000.00	5,500.00	16,500.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	2,500.00	2,500.00	1,960.00	1,960.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.078" THICK)	LF	76	100.00	7,600.00	100.00	7,600.00
20	510501	MINOR CONCRETE (CONCRETE COLLAR)	EA	2	300.00	600.00	300.00	600.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	1,500.00	3,000.00	3,600.00	7,200.00
22	510501	MINOR CONCRETE (CONCRETE CRADLE)	EA	1	300.00	300.00	600.00	600.00
23	510501	MINOR CONCRETE (CONCRETE SPILLWAY)	SQFT	91	20.00	1,820.00	18.00	1,638.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	1,200	2.25	2,700.00	2.25	2,700.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	950	2.50	2,375.00	2.50	2,375.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.20	900.00	0.20	900.00
27	566011	ROADSIDE SIGN - ONE POST	EA	3	300.00	900.00	300.00	900.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	50.00	250.00	50.00	250.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	3.00	540.00	3.00	540.00
Total						271,855.00		278,979.00
Items 1-29								

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Construction of Traffic Signal and Lighting - Rubidoux Blvd.
Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

Advertised: Tuesday, November 4, 2008 (Agenda Item: 3.42)
Bids Open: 2 pm Date: Wednesday, December 3, 2008

PROJECT NO. B7-0704

Base Bid ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	CALIFORNIA PROFESSIONAL ENGINEERING		MOORE ELECTRICAL CONTRACTING, INC.	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	143,426.00	143,426.00	130,400.00	130,400.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	15,000.00	15,000.00	1,300.00	1,300.00
3	074020	WATER POLLUTION CONTROL	LS	1	1,500.00	1,500.00	1,600.00	1,600.00
4	066102	DUST ABATEMENT	LS	1	2,000.00	2,000.00	1,000.00	1,000.00
5	160101	CLEARING AND GRUBBING	LS	1	3,500.00	3,500.00	3,978.00	3,978.00
6	190101	ROADWAY EXCAVATION	CY	250	65.00	16,250.00	50.00	12,500.00
7	220101	FINISHING ROADWAY	LS	1	3,500.00	3,500.00	5,900.00	5,900.00
8	160120	REMOVE TREE	EA	2	1,000.00	2,000.00	1,260.00	2,520.00
9	260201	CLASS 2 AGGREGATE BASE	CY	140	70.00	9,800.00	61.90	8,666.00
10	390130	HOT ASPHALT MIX	TON	180	140.00	25,200.00	141.00	25,380.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SOFT	270	3.50	945.00	21.00	5,670.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6')	LF	330	10.00	3,300.00	19.00	6,270.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	1,000.00	1,000.00	5,100.00	5,100.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SOFT	1,180	10.00	11,800.00	26.00	30,680.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	500.00	500.00	1,890.00	1,890.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	160.00	640.00	942.00	3,768.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	3,500.00	10,500.00	3,500.00	10,500.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	2,500.00	2,500.00	3,600.00	3,600.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.079" THICK)	LF	76	105.00	7,980.00	115.00	8,740.00
20	510501	MINOR CONCRETE (CONCRETE COLLAR)	EA	2	315.00	630.00	1,572.00	3,144.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	3,800.00	7,600.00	1,563.00	3,126.00
22	510501	MINOR CONCRETE (CONCRETE CRADLE)	EA	1	650.00	650.00	2,811.00	2,811.00
23	510501	MINOR CONCRETE (CONCRETE SPILLWAY)	SOFT	91	19.00	1,729.00	16.00	1,456.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SOFT	1,200	2.36	2,832.00	2.36	2,832.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SOFT	950	2.63	2,498.50	2.62	2,489.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.21	945.00	0.21	945.00
27	566011	ROADSIDE SIGN - ONE POST	EA	3	315.00	945.00	315.00	945.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	52.50	262.50	53.00	265.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	3.15	567.00	3.15	567.00
Total						280,000.00		288,042.00
Items 1-29								

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Construction of Traffic Signal and Lighting - Rubidoux Blvd.
Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

Advertised: Tuesday, November 4, 2008 (Agenda Item: 3.42)
Bids Open: 2 pm Date: Wednesday, December 3, 2008

PROJECT NO. B7-0704

Base Bid		POUK & STEINLE, INC. Riverside, CA 92519		ROADWAY ENGINEERING & CONTRACTING, INC. Riverside, CA 92509				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	121,000.00	121,000.00	127,900.00	127,900.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	7,000.00	7,000.00	3,300.00	3,300.00
3	074020	WATER POLLUTION CONTROL	LS	1	2,000.00	2,000.00	2,700.00	2,700.00
4	066102	DUST ABATEMENT	LS	1	3,000.00	3,000.00	2,000.00	2,000.00
5	160101	CLEARING AND GRUBBING	LS	1	12,000.00	12,000.00	11,800.00	11,800.00
6	190101	ROADWAY EXCAVATION	CY	250	67.00	16,750.00	104.00	26,000.00
7	220101	FINISHING ROADWAY	LS	1	2,575.00	2,575.00	5,200.00	5,200.00
8	160120	REMOVE TREE	EA	2	1,236.00	2,472.00	825.00	1,650.00
9	260201	CLASS 2 AGGREGATE BASE	EA	2	92.50	185.00	85.00	160.00
10	390130	HOT ASPHALT MIX	TON	180	154.50	27,810.00	135.00	24,480.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SOFT	270	8.20	2,214.00	5.50	1,485.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	330	15.50	5,115.00	9.00	2,970.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	3,708.00	3,708.00	2,000.00	2,000.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SOFT	1,180	10.30	12,154.00	12.00	14,160.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	927.00	927.00	1,500.00	1,500.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	618.00	2,472.00	550.00	2,200.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	6,386.00	19,158.00	4,600.00	13,800.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	4,120.00	4,120.00	4,600.00	4,600.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.079" THICK)	LF	76	128.00	9,728.00	140.00	10,640.00
20	510501	MINOR CONCRETE [CONCRETE COLLAR]	EA	2	1,854.00	3,708.00	400.00	800.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	1,699.00	3,398.00	2,300.00	4,600.00
22	510501	MINOR CONCRETE [CONCRETE CRADLE]	EA	1	3,708.00	3,708.00	3,150.00	3,150.00
23	510501	MINOR CONCRETE [CONCRETE SPILLWAY]	SOFT	91	16.50	1,501.50	28.00	2,548.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SOFT	1,200	2.35	2,820.00	1.93	2,316.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SOFT	950	2.85	2,707.50	2.04	1,938.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.47	2,115.00	0.44	1,980.00
27	566011	ROADSIDE SIGN - ONE POST	EA	3	360.00	1,080.00	240.00	720.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	26.00	130.00	100.00	500.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	5.15	927.00	5.50	990.00
Total						289,248.00		289,827.00
Items 1-29								

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Construction of Traffic Signal and Lighting - Rubidoux Blvd.
Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

Advertised: Tuesday, November 4, 2008 (Agenda Item: 3.42)
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PROJECT NO. B7-0704

Base Bid		C.T. & F., INC. Bell Gardens, CA 90201		CSI ELECTRICAL CONTRACTORS, INC. Santa Fe Springs, CA 90670				
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	135,945.00	135,945.00	128,984.00	128,984.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	7,534.00	7,534.00	7,343.00	7,343.00
3	074020	WATER POLLUTION CONTROL	LS	1	2,153.00	2,153.00	2,152.00	2,152.00
4	066102	DUST ABATEMENT	LS	1	1,076.00	1,076.00	1,793.00	1,793.00
5	160101	CLEARING AND GRUBBING	LS	1	10,224.00	10,224.00	10,545.00	10,545.00
6	190101	ROADWAY EXCAVATION	CY	250	69.96	17,490.00	73.00	18,250.00
7	220101	FINISHING ROADWAY	LS	1	2,691.00	2,691.00	2,775.00	2,775.00
8	160120	REMOVE TREE	EA	2	2,108.00	4,216.00	1,332.00	2,664.00
9	280201	CLASS 2 AGGREGATE BASE	CY	140	96.86	13,560.40	100.00	14,000.00
10	390130	HOT ASPHALT MIX	TON	180	161.44	29,059.20	167.00	30,060.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SQFT	270	8.61	2,324.70	9.00	2,430.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	330	16.14	5,326.20	17.00	5,610.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	3,875.00	3,875.00	3,996.00	3,996.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SQFT	1,180	10.76	12,696.80	12.00	14,160.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	969.00	969.00	999.00	999.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	645.75	2,583.00	666.00	2,664.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	6,672.67	20,018.01	6,882.00	20,646.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	4,305.00	4,305.00	4,440.00	4,440.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.079" THICK)	LF	76	134.53	10,224.28	139.00	10,564.00
20	510501	MINOR CONCRETE (CONCRETE COLLAR)	EA	2	1,937.50	3,875.00	1,998.00	3,996.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	1,776.00	3,552.00	1,832.00	3,664.00
22	510501	MINOR CONCRETE (CONCRETE CRADLE)	EA	1	3,875.00	3,875.00	3,996.00	3,996.00
23	510501	MINOR CONCRETE (CONCRETE SPILLWAY)	SQFT	91	17.22	1,567.02	18.00	1,638.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	1,200	2.42	2,904.00	3.00	3,600.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	950	2.69	2,555.50	3.00	2,850.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.22	990.00	1.00	4,500.00
27	566011	ROADSIDE SIGN - ONE POST	EA	3	323.00	969.00	333.00	999.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	53.80	269.00	56.00	280.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	3.23	581.40	4.00	720.00
Total						307,408.51		310,318.00
Items 1-29								

**Riverside County Transportation Department
Summary of Bids**

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Cedar Ave. & Tarragona Dr./ El Rivino Rd.**

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PROJECT NO. B7-0704

Base Bid		PTM GENERAL ENGINEERING SERVICES, INC. Riverside, CA 92504			RIO JORDAN CONSTRUCTION, INC. Pico Rivera, CA 90660			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	860201	SIGNAL AND LIGHTING	LS	1	150,000.00	150,000.00	162,000.00	162,000.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	5,700.00	5,700.00	9,500.00	9,500.00
3	074020	WATER POLLUTION CONTROL	LS	1	2,000.00	2,000.00	1,300.00	1,300.00
4	066102	DUST ABATEMENT	LS	1	4,060.00	4,000.00	18,000.00	18,000.00
5	160101	CLEARING AND GRUBBING	LS	1	10,100.00	10,100.00	10,375.00	10,375.00
6	190101	ROADWAY EXCAVATION	CY	250	75.00	18,750.00	62.00	15,500.00
7	220101	FINISHING ROADWAY	LS	1	2,900.00	2,900.00	6,000.00	6,000.00
8	160120	REMOVE TREE	EA	2	1,400.00	2,800.00	1,000.00	2,000.00
9	260201	CLASS 2 AGGREGATE BASE	CY	140	105.00	14,700.00	105.00	14,700.00
10	390130	HOT ASPHALT MIX	TON	180	175.00	31,500.00	135.00	24,300.00
11	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	SQFT	270	9.25	2,497.50	14.00	3,780.00
12	013903	PLACE ASPHALT CONCRETE DIKE (CRS 212) (6")	LF	330	17.25	5,692.50	29.00	9,570.00
13	017301	MINOR CONCRETE (DRIVEWAY APPROACH WITH ASPHALT CONCRETE DIKE) (CRS 206)	EA	1	4,200.00	4,200.00	1,000.00	1,000.00
14	017317	MINOR CONCRETE (CROSS-GUTTER AND SPANDREL)	SQFT	1,180	11.50	13,570.00	19.00	22,420.00
15	013902	ASPHALT CONCRETE OVERSIDE DRAIN (CRS 306)	EA	1	1,050.00	1,050.00	3,000.00	3,000.00
16	721608	CONCRETE-ROCK SLOPE PROTECTION (LIGHT, METHOD B)	CY	4	690.00	2,760.00	300.00	1,200.00
17	017315	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE A)	EA	3	7,130.00	21,390.00	7,600.00	22,800.00
18	017316	MINOR CONCRETE (CURB RAMP) (CRS 403-CASE B)	EA	1	4,600.00	4,600.00	8,000.00	8,000.00
19	667009	24" x 18" CORRUGATED STEEL PIPE ARCH (0.078" THICK)	LF	76	145.00	11,020.00	100.00	7,600.00
20	510501	MINOR CONCRETE (CONCRETE COLLAR)	EA	2	2,100.00	4,200.00	1,000.00	2,000.00
21	510535	MINOR CONCRETE (HEADWALL)	CY	2	1,900.00	3,800.00	4,000.00	8,000.00
22	510501	MINOR CONCRETE (CONCRETE CRADLE)	EA	1	4,150.00	4,150.00	1,000.00	1,000.00
23	510501	MINOR CONCRETE (CONCRETE SPILLWAY)	SQFT	91	18.50	1,683.50	57.00	5,187.00
24	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	1,200	2.30	2,760.00	3.00	3,600.00
25	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	950	2.60	2,470.00	5.00	4,750.00
26	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	4,500	0.52	2,340.00	5.00	22,500.00
27	566011	ROADSIDE SIGN - ONE POST	EA	3	325.00	975.00	600.00	1,800.00
28	151281	SALVAGE ROADSIDE SIGN	EA	5	58.00	290.00	300.00	1,500.00
29	850102	PAVEMENT MARKER (REFLECTIVE)	EA	180	3.00	540.00	13.00	2,340.00
Total						332,438.50		395,722.00
Items 1-29								