

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

652 A



FROM: TLMA - Transportation Dept.

SUBMITTAL DATE: July 7, 2003

SUBJECT: Construction of traffic signal and lighting, Serfas Club Drive & Frontage Road, Corona area

RECOMMENDED MOTION: That the Board accept the low bid of Macadee Electrical Construction of Chino Hills, CA in the amount of \$117,069.00. Award the contract to that firm and authorize the Chairman of the Board to execute the contract documents.

BACKGROUND: By Minute Order dated April 29, 2003 (agenda item 3.33) the Board authorized the Clerk of the Board to advertise for the construction of traffic signal and lighting and associated improvements at the intersection of Serfas Club Drive and Frontage Road in the Corona area of Riverside. Bids for the project were opened in the office of the Director of Transportation at 2:00 pm, Wednesday, May 21, 2003. Six bids were received. The lowest and best bid was submitted by Macadee Electrical Construction in the amount of \$117,069.00. The bid is \$41,106.00 (26%) less than the Engineer's Estimate. The contractor is qualified. The project is within the established budget, as shown on Attachment "A". Annual traffic signal operating costs are estimated at \$4,500, to be funded from gas tax. Project no. B2-0443.

FORM APPROVED
COUNTY COUNSEL

JUN 30 2003

George A. Johnson
BY

George A. Johnson

George A. Johnson
Director of Transportation

GAJ:sd

FINANCIAL DATA:

CURRENT YEAR COST	\$ 117,069.00	ANNUAL COST:	\$ 4,500
NET COUNTY COST	\$ 0	IN CURRENT YEAR BUDGET:	Yes/ X No/
		BUDGET ADJUSTMENT:	Yes/ No/ X
		FY:	2002/2003

SOURCE OF FUNDS: Signal Mitigation Program

C.E.O. RECOMMENDATION:

James G. Shufelt

County Executive Officer Signature

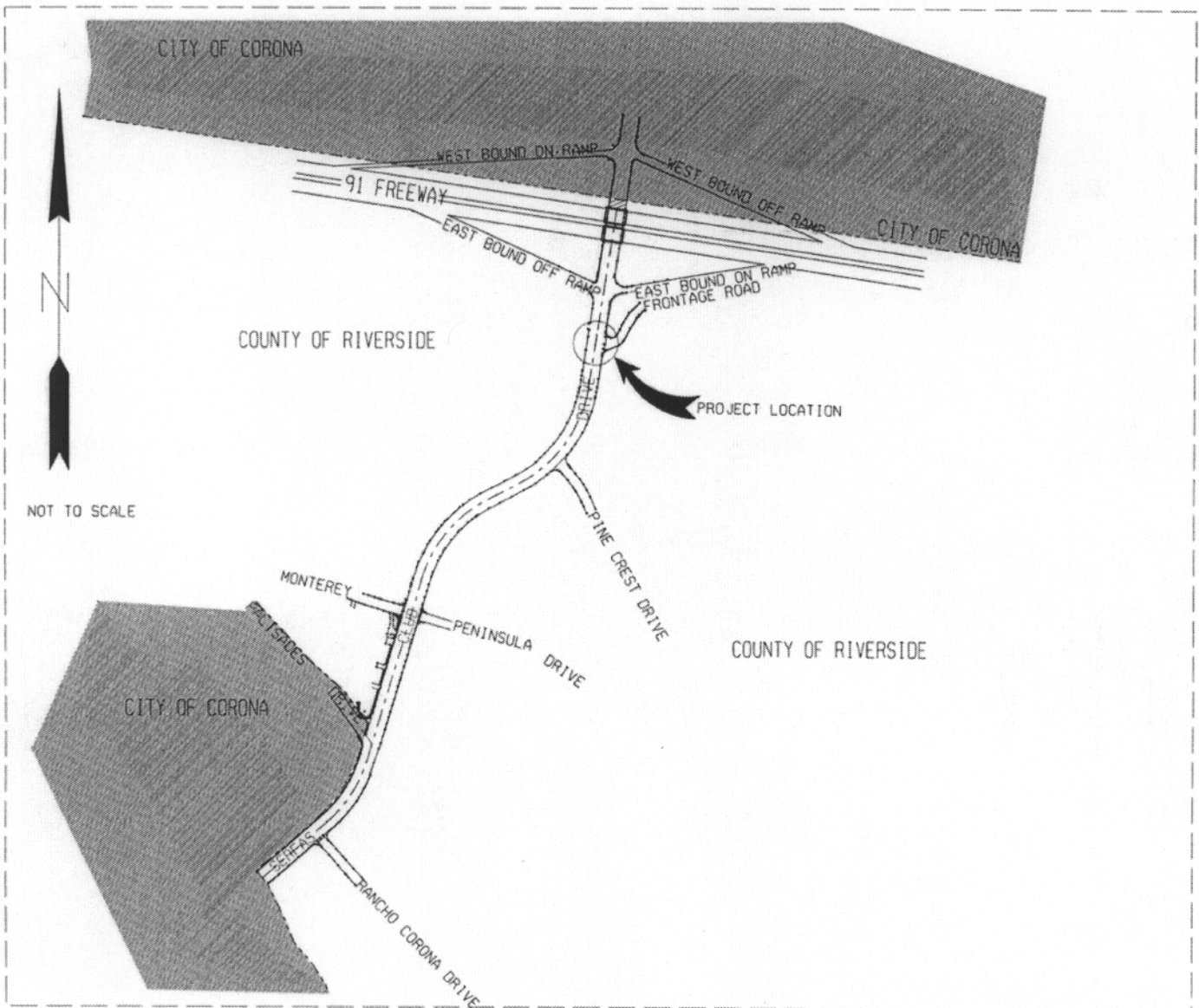
Department Recommendation: Policy
 Consent
Per Executive Office: Policy
 Consent

Prev. Agn. Ref. 4/29/03 (3.33)

Dist. 2

AGENDA NO.

3.48



LOCATION MAP

T. 3S., R. 7W., SEC. 28
 2001 THOMAS BROS. MAP PG. 742, G-5

Form 11 Attachment

Contract/Lease/Purchase Summary Data

Contract (for Services)

- Approval/Renewal
- Sole Source
- Personal Services
- Independent Contractor
- Other than Low Bid
- Change Order
- Public Works

Lease

- Approval/Renewal
- Multi-Year Lease
- Equipment
- Real Property
- Change Order

Purchase (for Materials)

- Sole Source
- Other than Low Bid
- Change Order

Selection Committee Member Names (RFP's Only)

User Department:	Transportation Department
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N/A

Vendor/Lessor Name:	Macadee Electrical Construction
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Minority Status:

- M W DV None

Vendor/Lessor Location:	Chino Hills, Ca.
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Local Preference Applied: Yes No N/A

Local Preference Award Cost \$
(5% maximum preference)

Local Preference FYTD: Cost \$

of Orders

Applicable Board Policy #

Comments:

RFQ/RFP Process:

Date Mailed:
Response Date:
of Responses:
of Qualified Responses:

Bidding Process:

Bid Range: \$ 117,069.00 To: \$ 165,000.00
Local Bid Range: N/A
Responsive and
Responsible Bid Range: \$ 117,069.00 To: \$ 165,000.00

Contract/Lease Renewals Only

Existing Agreement Items

Proposed Agreement Items

1. Rates
2. Terms
3. Conditions
4. Legal Issues
5. Accountability
6. Utilities

(continue on blank sheet if necessary)

NOTE: COMPETITIVELY BID PUBLIC WORKS CONTRACT

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Frontage Road & Serfas Club Drive
Traffic Signal and Lighting**

Advertised: April 29, 2003 (Agenda item 3.33)

Bids Open: 2:00 pm Date: May 21, 2003

PROJECT NO. B2-0443

COUNTY'S ESTIMATE		Macadee Electrical Chino Hills, CA 91709						
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	UNIT PRICE	ENG ESTIMATE	BID	AMOUNT
1	860201	SIGNAL AND LIGHTING	LS	1	125,000.00	125,000.00	93,329.00	93,329.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	5,000.00	5,000.00	500.00	500.00
3	160101	CLEARING AND GRUBBING	LS	1	2,000.00	2,000.00	500.00	500.00
4	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	1	2,000.00	2,000.00	1,000.00	1,000.00
5	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	210	2.00	420.00	12.00	2,520.00
6	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	910	3.00	2,730.00	2.00	1,820.00
7	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	3,000	1.00	3,000.00	0.29	870.00
8	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8	175.00	1,400.00	69.00	552.00
9	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	2	300.00	600.00	100.00	200.00
10	566011	ROADSIDE SIGN - ONE POST	EA	2	225.00	450.00	189.00	378.00
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	50	4.00	200.00	3.00	150.00
12	150742	REMOVE ROADSIDE SIGN	EA	5	75.00	375.00	40.00	200.00
13	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	8,000.00	8,000.00	8,800.00	8,800.00
14	010601	OBTAIN ENCROACHMENT PERMIT	FA	1	4,000.00	4,000.00	4,000.00	4,000.00
15	066102	DUST ABATEMENT	LS	1	1,000.00	1,000.00	250.00	250.00
16	074020	WATER POLLUTION CONTROL	FA	1	2,000.00	2,000.00	2,000.00	2,000.00
TOTALS:						158,175.00		117,069.00

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PROJECT NO. B2-0443

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	DBX, Inc. Temecula, CA 92590		Pete & Sons Construction Inc Riverside, CA 92513-7339	
					BID	AMOUNT	BID	AMOUNT
1	860201	SIGNAL AND LIGHTING	LS	1	94,347.00	94,347.00	91,000.00	91,000.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	800.00	800.00	3,000.00	3,000.00
3	160101	CLEARING AND GRUBBING	LS	1	2,000.00	2,000.00	1,100.00	1,100.00
4	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	1	1,000.00	1,000.00	2,500.00	2,500.00
5	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	210	5.00	1,050.00	5.50	1,155.00
6	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	910	2.98	2,711.80	3.30	3,003.00
7	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	3,000	0.30	900.00	0.33	990.00
8	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8	120.00	960.00	132.00	1,056.00
9	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	2	120.00	240.00	132.00	264.00
10	566011	ROADSIDE SIGN - ONE POST	EA	2	230.00	460.00	253.00	506.00
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	50	3.00	150.00	3.30	165.00
12	150742	REMOVE ROADSIDE SIGN	EA	5	45.00	225.00	50.00	250.00
13	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	10,000.00	10,000.00	10,500.00	10,500.00
14	010601	OBTAIN ENCROACHMENT PERMIT	FA	1	4,000.00	4,000.00	4,000.00	4,000.00
15	066102	DUST ABATEMENT	LS	1	500.00	500.00	1,000.00	1,000.00
16	074020	WATER POLLUTION CONTROL	FA	1	2,000.00	2,000.00	2,000.00	2,000.00
TOTALS:						121,343.80		122,489.00

**Riverside County Transportation Department
Summary of Bids**

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Traffic Signal and Lighting**

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PROJECT NO. B2-0443

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	Moore Electrical Contracting Corona, CA 92880-6905		Steiny and Company, Inc Baldwin Park, CA 91706	
					BID	AMOUNT	BID	AMOUNT
1	860201	SIGNAL AND LIGHTING	LS	1	96,000.00	96,000.00	92,370.00	92,370.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	7,000.00	7,000.00	3,093.00	3,093.00
3	160101	CLEARING AND GRUBBING	LS	1	1,000.00	1,000.00	1,488.00	1,488.00
4	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	1	2,000.00	2,000.00	3,525.00	3,525.00
5	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	210	5.50	1,155.00	5.56	1,167.60
6	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	910	3.28	2,984.80	3.31	3,012.10
7	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	3,000	0.33	990.00	0.33	990.00
8	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8	132.00	1,056.00	133.45	1,067.60
9	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	2	150.00	300.00	457.85	915.70
10	566011	ROADSIDE SIGN - ONE POST	EA	2	253.00	506.00	255.80	511.60
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	50	3.30	165.00	3.34	167.00
12	150742	REMOVE ROADSIDE SIGN	EA	5	49.50	247.50	50.08	250.40
13	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	8,500.00	8,500.00	11,091.00	11,091.00
14	010601	OBTAIN ENCROACHMENT PERMIT	FA	1	4,000.00	4,000.00	4,000.00	4,000.00
15	066102	DUST ABATEMENT	LS	1	1,000.00	1,000.00	3,866.00	3,866.00
16	074020	WATER POLLUTION CONTROL	FA	1	2,000.00	2,000.00	2,000.00	2,000.00
TOTALS:						128,904.30		129,515.00

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PROJECT NO. B2-0443

ITEM NO. ITEM CODE		CONTRACT ITEM	UNITS	QUANTITY	BID	AMOUNT	BID	AMOUNT
1	860201	SIGNAL AND LIGHTING	LS	1	127,657.00	127,657.00		0.00
2	120100	TRAFFIC CONTROL SYSTEM	LS	1	2,800.00	2,800.00		0.00
3	160101	CLEARING AND GRUBBING	LS	1	6,800.00	6,800.00		0.00
4	017316	MINOR CONCRETE (CURB RAMP) (CRS 403 - CASE B)	EA	1	4,182.00	4,182.00		0.00
5	150717	REMOVE TRAFFIC STRIPE AND PAVEMENT MARKING	SQFT	210	12.25	2,572.50		0.00
6	840519	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	SQFT	910	2.05	1,865.50		0.00
7	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	3,000	0.30	900.00		0.00
8	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8	70.00	560.00		0.00
9	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	2	117.00	234.00		0.00
10	566011	ROADSIDE SIGN - ONE POST	EA	2	193.00	386.00		0.00
11	850102	PAVEMENT MARKER (REFLECTIVE)	EA	50	3.06	153.00		0.00
12	150742	REMOVE ROADSIDE SIGN	EA	5	40.80	204.00		0.00
13	018603	EMERGENCY VEHICLE PRE-EMPTION	LS	1	8,886.00	8,886.00		0.00
14	010601	OBTAIN ENCROACHMENT PERMIT	FA	1	4,000.00	4,000.00		0.00
15	066102	DUST ABATEMENT	LS	1	1,800.00	1,800.00		0.00
16	074020	WATER POLLUTION CONTROL	FA	1	2,000.00	2,000.00		0.00
TOTALS:						165,000.00		0.00

R&M Electrical Contracting
Irvine, CA 92618

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

VENDOR NAME AND ADDRESS:
Macadee Electrical Construction
14771 Cherry Circle
Chino Hills, Ca. 91709
(909) 627-1336

B-PO NO.: **B**

DEPT: **Transportation**
 DATE: **May 22, 2003**
 BUDGET F.Y.: **2002 / 2003**

BOS APPROVAL DATE: _____
 AGENDA NUMBER: _____

VENDOR CODE: _____

TRANS CODE: **PO**

TRANS DEPT: **3130500000**

DOCUMENT TOTAL: **\$ 117,069.00**

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
 Serfas Club Drive & Frontage Road
 Project number B2-0443**

PREPARED BY: **Stan A. Dery**

DATE: **May 22, 2003** PHONE: **(909) 955-6785**

APPROVED BY: *[Signature]*

DATE: **06/23/03** PHONE: **5-2002**

A-C ENCUMBRANCE: _____

ENCUMBERED BY: _____