

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

265A




FROM: TLMA - Transportation Department

SUBMITTAL DATE:
July 3, 2013

SUBJECT: Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase 3

RECOMMENDED MOTION: That the Board of Supervisors:

1. Accept the low bid of Sierra Pacific Electrical Contracting, Inc. of Riverside, CA in the amount of \$143,418; and
2. Award the contract to Sierra Pacific Electrical Contracting, Inc. and authorize the Chairman of the Board of Supervisors (Board) to execute the contract documents; and
3. Approve the project's proposed budget shown on Attachment "A".



 Juan C. Perez
 Director of Transportation and Land Management

JCP:jrj:sb
(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 143,418	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2013/2014

SOURCE OF FUNDS: Proposition 111 [Gas Tax] (100%)	Positions To Be Deleted Per A-30	<input type="checkbox"/>
There are no General Funds used in this project.	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY: 
 Tina Grande

County Executive Office Signature

Policy
 Policy

Consent
 Consent

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

Prev. Agn. Ref. 4/23/13, Item 3-64 | **District:** All/All | **Agenda Number:**

3-60

The Honorable Board of Supervisors

RE: Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project
at Various Locations, Phase 3

July 3, 2013

Page 2 of 2

BACKGROUND: By Minute Order dated April 23, 2013 (Agenda Item 3-64), the Board authorized the Clerk of the Board to advertise for the Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at various locations, Phase 3. The specifications were also approved by the Board within this agenda item.

Bids for the project were opened in the office of the Director of Transportation at 2:00 p.m., Wednesday, May 15, 2013. Fourteen bids were received. The basis for the selection of a contractor is the lowest responsive and responsible bid. The lowest responsive and responsible bid was submitted by Sierra Pacific Electrical Contracting, Inc. of Riverside, CA, in the amount of \$143,418, which is \$34,745 (19.5%) below the Engineer's Estimate.

This project includes replacing existing green and red traffic signal indications with new LED modules and installing battery backup systems throughout Riverside County at various signalized intersections in three phases. Phase 1 and Phase 2 have been completed. Phase 1 retrofitted 47 locations, and Phase 2 retrofitted 37 locations throughout the County. Phase 3 is the final phase, which includes 23 locations; a list of these locations is attached. Countywide, amber traffic signal indications were retrofitted with LED modules in 2012 under a separate project, which was federally funded by the Energy Efficiency and Conservation Block Grant (EECBG) program.

The replacement of old LED indications with more energy efficient LED indications will reduce power consumption and prolongs traffic signal operation when operating on battery power.

The battery backup system allows traffic signals to stay in operation, or flash red, for several hours during power outages.

The contractor has executed the contract and provided bonds documents.

The contractor is qualified.

Project No. B9-0996

Attachment "A"

Riverside County Transportation Department

Project: Countywide Traffic Signal Battery Backup System & LED Module Improvement Project at Various Locations, Phase 3

Project No.(s): B9-0996

Project Costs and Budget

Activity	Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey					
Environmental	2,406	595	3,000	3,000	3,000
Design	75,620	380	76,000	62,000	76,000
Right-of-way					
Utilities					
Construction	421,371	143,418	564,789	553,000	579,000
Construction Contingency 10%		14,342	14,342		
Construction Engineering & Inspection 29.0%	123,571	40,218	163,789	120,000	164,000
Construction Survey					
Totals:	622,968	198,952	821,919	738,000	822,000

Project Funding

Code	Name	Existing Budget	Proposed Budget
201	Proposition 111 (Gas Tax)	738,000	822,000
Totals		738,000	822,000

Comments

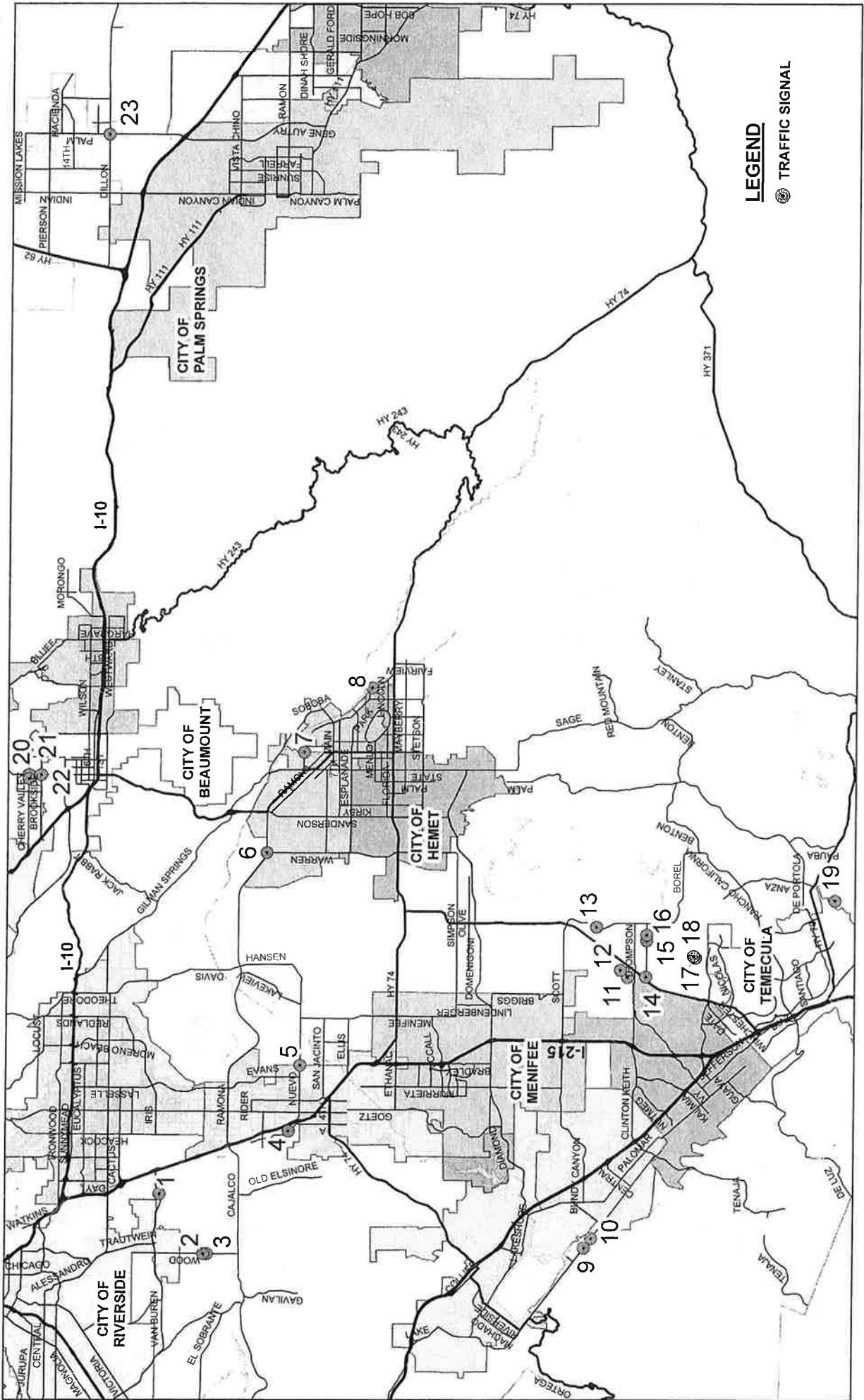
Proposed Budget Included in the following:

	Phase 1 & 2 (construction complete)	Phase 3	Total
Enviromental	\$2,400.00	\$600.00	\$3,000.00
Design	\$65,000.00	\$11,000.00	\$76,000.00
Construction	\$421,371.00	\$157,629.00	\$579,000.00
Construction Eng & Inspection	\$119,447.00	\$44,553.00	\$164,000.00

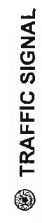
COUNTYWIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM AND LED MODULE IMPROVEMENT PROJECT AT VARIOUS LOCATIONS, PHASE 3

No.	INTERSECTION	12" RED ARW LED	12" GRN ARW LED	12" RED BALL LED	12" GRN BALL LED	PV RED LED	PV GRN LED
1	VAN BUREN BLV	2	2	7	7	1	1
2	WOOD RD	6	10	12	12	-	-
3	WOOD RD	3	6	9	9	-	-
4	HARVILL AVE	-	-	-	-	-	-
5	DUNLAP DR	8	8	12	12	-	-
6	RAMONA EXPY	4	4	10	10	-	-
7	RAMONA EXPY	8	8	10	10	-	-
8	MOUNTAIN	1	3	10	9	1	1
9	GRAND AVE	5	6	11	11	-	-
10	GRAND AVE	2	4	9	8	-	-
11	LEON RD	8	8	13	13	-	-
12	LEON RD	4	4	13	13	-	-
13	WASHINGTON ST	8	8	14	14	-	-
14	BENTON RD	4	4	13	13	-	-
15	BENTON RD	4	4	14	14	-	-
16	BENTON RD	4	4	14	14	-	-
17	POURROY RD	2	4	11	10	-	-
18	POURROY RD	4	4	14	14	-	-
19	BUTTERFIELD STAGE RD	8	8	12	12	-	-
20	CHERRY VALLEY 3LV	8	8	11	11	-	-
21	BEAUMONT AVE	6	6	8	8	2	2
22	BEAUMONT AVE	8	8	12	12	-	-
23	DILLON RD	4	4	12	12	4	4
	TOTAL	111	125	251	248	8	8

COUNTY WIDE BATTERY BACKUP & LED RETROFIT PROJECT PHASE 3



LEGEND



TRAFFIC SIGNAL

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 3**

Advertised: April 23, 2013 (Agenda Item:3-64)

Addenda: None

Bids Open: 2 pm Date: Wednesday, May 15, 2013

PROJECT NO. B9-0996

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	COUNTY'S ESTIMATE			1	
					UNIT PRICE	ENG ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	7,500.00	7,500.00	100.00	100.00	100.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	56.00	6,216.00	52.13	5,786.43	5,786.43
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	63.00	7,875.00	54.41	6,801.25	6,801.25
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	57.00	14,307.00	39.84	9,999.84	9,999.84
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	65.00	16,120.00	44.36	11,001.28	11,001.28
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	75.00	600.00	125.00	1,000.00	1,000.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	90.00	720.00	125.00	1,000.00	1,000.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	25.00	4,050.00	37.05	6,002.10	6,002.10
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	2.50	6,075.00	0.41	996.30	996.30
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,800.00	81,600.00	4,440.35	75,485.95	75,485.95
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	4,100.00	24,600.00	2,790.74	16,744.44	16,744.44
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00
TOTAL ITEMS 1-12						178,163.00		143,417.59	
TOTAL ITEMS 1-12						161,214.00		170,792.00	
					2			3	
					SIEMENS			AEGIS ITS, Inc.	
					Anaheim, CA 92806			Anaheim, CA 92806	
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	1,000.00	1,000.00	2,300.00	2,300.00	2,300.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	51.00	5,661.00	64.00	7,104.00	7,104.00
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	55.00	6,875.00	63.00	7,875.00	7,875.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	49.00	12,299.00	57.00	14,307.00	14,307.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	55.00	13,640.00	65.00	16,120.00	16,120.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	69.00	552.00	95.00	760.00	760.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	84.00	672.00	140.00	1,120.00	1,120.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	20.00	3,240.00	51.00	8,262.00	8,262.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	2.50	6,075.00	3.00	7,290.00	7,290.00
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,700.00	79,900.00	4,420.00	75,140.00	75,140.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	3,800.00	22,800.00	3,669.00	22,014.00	22,014.00
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00
TOTAL ITEMS 1-12						161,214.00		170,792.00	

Riverside County Transportation Department
Summary of Bids

PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 3

Advertised: April 23, 2013 (Agenda Item:3-64)

Addenda: None

Bids Open: 2 pm Date: Wednesday, May 15, 2013

PROJECT NO. B9-0996

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4			5		
					BID UNIT PRICE	BID ESTIMATE	Pro Tech Engineering, Corp. Anaheim, CA 92801	BID UNIT PRICE	BID ESTIMATE	Competitive Edge Electric, Inc. Highland, CA 92346
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	2,000.00	2,000.00	250.00	250.00	250.00	
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	85.00	9,435.00	78.00	8,658.00	8,658.00	
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	85.00	10,625.00	77.00	9,625.00	9,625.00	
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	75.00	18,825.00	72.00	18,072.00	18,072.00	
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	85.00	21,080.00	80.00	19,840.00	19,840.00	
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	100.00	800.00	105.00	840.00	840.00	
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	150.00	1,200.00	149.00	1,192.00	1,192.00	
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	10.00	1,620.00	37.00	5,994.00	5,994.00	
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	1.50	3,645.00	6.00	14,580.00	14,580.00	
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,500.00	76,500.00	4,000.00	68,000.00	68,000.00	
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	3,000.00	18,000.00	3,000.00	18,000.00	18,000.00	
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00	
TOTAL						172,230.00			173,551.00	
ITEMS 1-12										
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	6			7		
					BID UNIT PRICE	BID ESTIMATE	Steiny and Company, Inc. Baldwin Park, CA 91706	BID UNIT PRICE	BID ESTIMATE	Dynalectric Los Alamitos, CA 90720
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	4,000.00	4,000.00	1,130.00	1,130.00	1,130.00	
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	75.00	8,325.00	64.00	7,104.00	7,104.00	
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	74.00	9,250.00	62.00	7,750.00	7,750.00	
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	67.00	16,817.00	56.00	14,056.00	14,056.00	
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	76.00	18,848.00	65.00	16,120.00	16,120.00	
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	104.00	832.00	93.00	744.00	744.00	
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	153.00	1,224.00	141.00	1,128.00	1,128.00	
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	17.00	2,754.00	75.00	12,150.00	12,150.00	
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	1.40	3,402.00	3.00	7,290.00	7,290.00	
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,550.00	77,350.00	4,529.00	76,993.00	76,993.00	
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	3,902.00	23,412.00	3,650.00	21,900.00	21,900.00	
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00	
TOTAL						174,714.00			174,865.00	
ITEMS 1-12										

Riverside County Transportation Department
Summary of Bids

PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 3

Advertised: April 23, 2013 (Agenda Item:3-64)

Addenda: None

Bids Open: 2 pm Date: Wednesday, May 15, 2013

PROJECT NO. B9-0996

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	8		9	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	9,240.00	9,240.00	3,000.00	3,000.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	52.50	5,827.50	83.00	9,213.00
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	52.50	6,562.50	82.00	10,250.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	44.10	11,069.10	76.00	19,076.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	55.65	13,801.20	84.00	20,832.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	85.00	680.00	113.00	904.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	132.00	1,056.00	163.00	1,304.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	15.75	2,551.50	20.00	3,240.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	4.75	11,542.50	1.25	3,037.50
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	5,008.50	85,144.50	5,000.00	85,000.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	3,992.00	23,952.00	3,800.00	22,800.00
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00
TOTAL						179,926.80		187,156.50
ITEMS 1-12								
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	10		11	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	3,050.00	3,050.00	2,912.00	2,912.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	82.00	9,102.00	73.50	8,158.50
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	81.00	10,125.00	75.00	9,375.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	75.00	18,825.00	68.00	17,068.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	84.00	20,832.00	75.00	18,600.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	111.00	888.00	107.00	856.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	159.00	1,272.00	152.75	1,222.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	33.00	5,346.00	56.00	9,072.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	3.60	8,748.00	1.35	3,280.50
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,700.00	79,900.00	5,023.00	85,391.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	3,600.00	21,600.00	4,079.00	24,474.00
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00
TOTAL						188,188.00		188,909.00
ITEMS 1-12								

Riverside County Transportation Department
Summary of Bids

PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 3

Advised: April 23, 2013 (Agenda Item:3-64)

Addenda: None

Bids Open: 2 pm Date: Wednesday, May 15, 2013

PROJECT NO. B9-0996

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	12			13		
					Traffic Development Services Moorpark, CA 93021			Unique Performance Const. Anaheim, CA 92807		
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID ESTIMATE	
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	7,194.00	7,194.00	4,800.00	4,800.00	4,800.00	
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	105.00	11,655.00	107.00	11,877.00	11,877.00	
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	104.00	13,000.00	106.00	13,250.00	13,250.00	
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	99.00	24,849.00	98.00	24,598.00	24,598.00	
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	106.00	26,288.00	108.00	26,784.00	26,784.00	
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	129.00	1,032.00	138.00	1,104.00	1,104.00	
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	169.00	1,352.00	190.00	1,520.00	1,520.00	
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	EA	162	60.00	9,720.00	18.00	2,916.00	2,916.00	
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	SQFT	2,430	9.00	21,870.00	3.60	8,748.00	8,748.00	
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	4,100.00	69,700.00	5,280.00	89,760.00	89,760.00	
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	3,000.00	18,000.00	4,080.00	24,480.00	24,480.00	
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00	8,500.00	8,500.00	8,500.00	
TOTAL ITEMS 1-12						213,160.00		218,337.00	218,337.00	
					14					
					New West Signal, Inc. Fontana, CA 92335					
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	BID ESTIMATE	
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	10,000.00	10,000.00				
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	95.00	10,545.00				
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	94.00	11,750.00				
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	87.00	21,837.00				
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	97.00	24,056.00				
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	126.00	1,008.00				
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	178.00	1,424.00				
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	162	55.00	8,910.00				
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	3.50	8,505.00				
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	17	5,266.00	89,522.00				
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	4,337.00	26,022.00				
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00				
TOTAL ITEMS 1-12						222,079.00		222,079.00	222,079.00	

AGREEMENT

THIS AGREEMENT is entered into at Riverside, California as of the date set forth below is between County of Riverside hereafter called "County" and **Sierra Pacific Electrical Contracting, Inc.** hereafter called "Contractor".

W I T N E S S E T H

RECITALS:

1. Contractor has submitted to County his Contractor's Proposal for the construction of County Project, **Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase-3, Project No. B9-0996**, in strict accordance with the Contract Documents identified below and County has accepted said Proposal.
2. Contractor states that he has reexamined his Contractor's Proposal and found it to be correct, has ascertained that his subcontractors are properly licensed and possess the requisite skill and forces, has reexamined the site and Contract Documents and is of the opinion that he can presently do the work in accordance with the Contract Documents for the money set forth in his Proposal to be paid as provided in the Contract Documents.

AGREEMENT:

IT IS AGREED BY THE PARTIES AS FOLLOWS:

1. Contract Documents. The entire contract consists of the following: (a) The Agreement. (b) The Notice Inviting Bids. (c) The Instruction to Bidders. (d) The Contractor's Proposal. (e) The Bid Bond. (f) The Payment Bond. (g) The Performance Bond. (h) The General Conditions. (i) The Special Provisions. (j) The Standard Specifications of the State of California Department of Transportation edition of May 2006 as modified in other portions of the Contract Documents. (k) The Standard Plans of the Department of Transportation identified on the plans or in the Special Provisions. (l) The Plans. (m) Addenda No. **(none)**. (n) The Determination of Prevailing Wage Rates for Public Work. (o) Any Change Orders issued. (p) Any additional or supplemental specifications, notice, instructions and drawings issued in accordance with the provisions of the Contract Documents. All of said Documents presently in existence are by this reference incorporated herein with like effect as if here set forth in full and upon the proper issuance of other documents they shall likewise be deemed incorporated. The Bid Bond is exonerated upon execution of this Agreement and the Payment Bond and Faithful Performance Bond.
2. The Work. Contractor shall do all things necessary to construct the work generally described in Recital No. 1 in accordance with the Contract Documents.

3. Liquidated Damages and Time of Completion. Attention is directed to the provisions in Section 8-1.06, "Time of Completion", and in Section 8-1.07, "Liquidated Damages", of the Standard Specifications and these Special Provisions.

The Contractor shall begin work within 15 days of the date stated within the written "Notice to Proceed".

The Contractor shall notify the Engineer, in writing, of his intent to begin work at least 72 hours before work is begun. The notice shall be delivered to the Transportation Department's Construction Engineer and shall specify the date the Contractor intends to start. If the project has more than one location of work, a separate notice shall be given for each location.

Should the Contractor begin work in advance of receiving a written "Notice to Proceed", any work performed by him in advance of the date stated in the "Notice to Proceed" shall be considered as having been done by him at his own risk and as a volunteer and subject to the following:

- (1) The Contractor shall, on commencing operations, take all precautions required for public safety and shall observe all the provisions in the Specifications and the Special Provisions.
 - (2) All work done according to the contract prior to the issuance of the "Notice to Proceed", will be considered authorized work and will be paid for as provided in the contract.
 - (3) The Contractor shall not be entitled to any additional compensation or an extension of time for any delay, hindrance or interference caused by or attributable to commencement of work prior to the issuance of the "Notice to Proceed".
4. Compensation. Contractor shall be paid in the manner set forth in the Contract Documents the amount of his Proposal as accepted by County, the above rates, subject to additions and deductions as provided in the Contract Documents. Said Proposal is on file in the Office of the Clerk of the Board of Supervisors of County.

**COUNTY WIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
AND LED MODULE IMPROVEMENT PROJECT
AT VARIOUS LOCATIONS, PHASE-3
PROJECT No. B9-0996**

AGREEMENT

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	100.00	100.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	111	52.13	5,786.43
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	125	54.41	6,801.25
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	251	39.84	9,999.84
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	248	44.36	11,001.28
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	8	125.00	1,000.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	8	125.00	1,000.00
8	731521	MINOR CONCRETE (SIDEWALK) (MAINTENANCE PAD)	SQFT	162	37.05	6,002.10
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	2,430	0.41	996.30
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLER CABINET)	EA	17	4,440.35	75,485.95
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	6	2,790.74	16,744.44
12	019901	DE-MOBILIZATION	LS	1	8,500.00	8,500.00

PROJECT TOTAL: One hundred forty three thousand, four hundred seventeen dollars and fifty nine cents \$143,417.59

ITEMS 1-12 "WORDS"

**COUNTY WIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
AND LED MODULE IMPROVEMENT PROJECT
AT VARIOUS LOCATIONS, PHASE-3
PROJECT No. B9-0996**

IN WITNESS WHEREOF the parties hereto have executed this agreement as of the date set forth below.

COUNTY OF RIVERSIDE

SIERRA PACIFIC ELECTRICAL CONTRACTING, INC.

BY _____
Chairman, Board of Supervisors

BY  _____

Dated _____

TITLE: David Loop, Vice President
(If Corporation, Affix Seal)

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

ATTEST: Patience Spina

 _____

BY _____
Deputy

TITLE: Corporate Secretary

FORM APPROVED COUNTY COUNSEL

BY:  _____
NEAL R. KIPNIS DATE

Licensed in accordance with an act providing for the registration of Contractors,

License No. 264048

Federal Employer Identification Number:

95-2687802

BY _____
"County"
(Seal)

"Corporation"
(Seal)

Performance Bond

Recitals:

1. **Sierra Pacific Electrical Contracting, Inc.** (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as **Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase-3, Project No. B9-0996.**
2. _____, a _____ corporation (Surety), is the Surety under this Bond.

Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of **\$143,417.59 (One hundred forty three thousand, four hundred seventeen dollars and fifty nine cents)** and inures to the benefit of County.
2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
3. This obligation is binding on our successors and assigns.
4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of _____.

By _____

By _____

By _____

Type Name _____

Its Attorney in Fact
"Surety"

Title _____

"Contractor"

(Corporate Seal)

(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

Payment Bond

(Public Work - Civil Code 9550 et seq.)

The makers of this Bond are **Sierra Pacific Electrical Contracting, Inc.**, as Principal and Original Contractor and _____, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for **\$143,417.59 (One hundred forty three thousand, four hundred seventeen dollars and fifty nine cents)**, the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of **Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase-3, Project No. B9-0996.**

The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: _____

Original Contractor – Principal

Surety

By _____

By _____

Title _____

Its Attorney In Fact

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF _____
COUNTY OF _____

} ss. SURETY'S ACKNOWLEDGEMENT

On _____ before me, _____ personally appeared, _____, known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacities, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public

Notary Public (Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

Performance Bond

Recitals:

- 1. Sierra Pacific Electrical Contracting, Inc. (Contractor) has entered into an Agreement with COUNTY OF RIVERSIDE (County) for construction of public work known as Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase-3, Project No. B9-0996.
- 2. Western Surety Company, a South Dakota corporation (Surety), is the Surety under this Bond.

Agreement:

We, Contractor as Principal and Surety as Surety, jointly and severally agree, state, and are bound unto County, as obligee, as follows:

- 1. The amount of the obligation of this Bond is 100% of the estimated contract price for the Project of \$143,417.59 (One hundred forty three thousand, four hundred seventeen dollars and fifty nine cents) and inures to the benefit of County.
- 2. This Bond is exonerated by Contractor doing all things to be kept and performed by it in strict conformance with the Contract Documents for this project, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to so act. All of said Contract Documents are incorporated herein.
- 3. This obligation is binding on our successors and assigns.
- 4. For value received, Surety stipulates and agrees that no change, time extension, prepayment to Contractor, alteration or addition to the terms and requirements of the Contract Documents or the work to be performed thereunder shall affect its obligations hereunder and waives notice as to such matters, except the total contract price cannot be increased by more than 10% without approval of Surety.

THIS BOND is executed as of May 31, 2013

By [Signature]

By [Signature]
Type Name J.W. Johnson

By Patience Spina

Its Attorney in Fact
"Surety"

Title Secretary

"Contractor"

(Corporate Seal)

(Corporate Seal)

NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Pamela Olmo, J W Johnson, D Richard Stinson, Scott Gaddy, Jeff Parkhurst, Lisa M Lucas, Susan J Sampson, Jennifer E Dirking, Anthony J D'Asaro, William Phillips Jr, David Alvarado, Teri L Koehler, Jessica L Nowlin, Individually

of San Francisco, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 14th day of December, 2012.



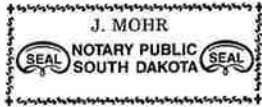
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 14th day of December, 2012, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
June 23, 2015



J. Mohr
J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 31st day of May, 2013.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

ACKNOWLEDGMENT

State of California
County of Riverside

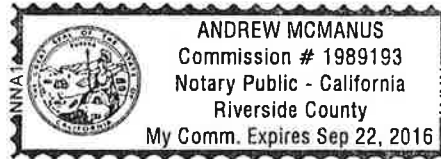
On 6/4/13 before me, Andrew McManus, Notary Public
(insert name and title of the officer)

personally appeared Patience Spina
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~-
subscribed to the within instrument and acknowledged to me that ~~he~~/~~she~~/~~they~~ executed the same in
~~his~~/~~her~~/~~their~~ authorized capacity(ies), and that by ~~his~~/~~her~~/~~their~~ signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



Payment Bond

(Public Work - Civil Code 9550 et seq.)

The makers of this Bond are Sierra Pacific Electrical Contracting, Inc., as Principal and Original Contractor and Western Surety Company, a corporation, authorized to issue Surety Bonds in California, as Surety, and this Bond is issued in conjunction with that certain public works contract to be executed between Principal and COUNTY OF RIVERSIDE a public entity, as Owner, for \$143,417.59 (One hundred forty three thousand, four hundred seventeen dollars and fifty nine cents), the total amount payable. The amount of this bond is one hundred percent (100%) of said sum. Said contract is for public work generally consisting of Countywide Traffic Signal Battery Backup System and LED Modules Improvement Project at Various Locations, Phase-3, Project No. B9-0996.

The beneficiaries of this Bond are as is stated in 9554 of the Civil Code and requirements and conditions of this Bond are as is set forth in 9554, 9558, 9560 and 9564 of said code. Without notice, Surety consents to extension of time for performance, change in requirements, amount of compensation, or prepayment under said contract.

Dated: May 31, 2013

Sierra Pacific Electrical Contracting
Original Contractor - Principal

Western Surety Company
Surety

By [Signature]

By [Signature]
J.W. Johnson
Is Attorney In Fact

Title Secretary
(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

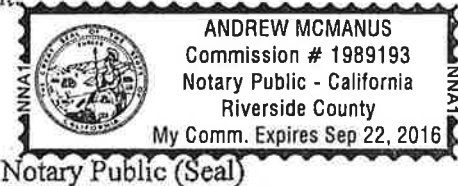
STATE OF California
COUNTY OF Riverside

} ss. SURETY'S ACKNOWLEDGEMENT

On 6/4/13 before me, Andrew McManus, Notary Public personally appeared, Patience Spina, ~~known to me,~~ or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in ~~his~~ ^{her} authorized capacities, and that by ~~his~~ ^{her} signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public



NOTE: This Bond must be executed by both parties with corporate seal affixed. All signatures must be acknowledged. (Attach acknowledgements).

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Orange

On May 31, 2013 before me, Hannah S. Peter, Notary Public
NAME

personally appeared J. W. Johnson
NAME OF SIGNER

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



I, certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Hannah S. Peter
(SIGNATURE OF NOTARY)

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- INDIVIDUAL
- CORPORATE OFFICER
- TITLE(S) _____
- PARTNER(S) LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER _____

DESCRIPTION OF ATTACHED DOCUMENT

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

SIGNER OTHER THAN NAMED ABOVE

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Pamela Olmo, J W Johnson, D Richard Stinson, Scott Gaddy, Jeff Parkhurst, Lisa M Lucas, Susan J Sampson, Jennifer E Dirking, Anthony J D'Asaro, William Phillips Jr, David Alvarado, Teri L Koehler, Jessica L Nowlin, Individually

of San Francisco, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 14th day of December, 2012.



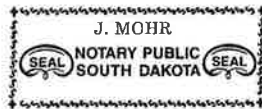
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 14th day of December, 2012, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
June 23, 2015



J. Mohr
J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 31st day of May, 2013.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

Company Profile

WESTERN SURETY COMPANY

P.O. BOX 5077
SIOUX FALLS, SD 57117-5077

Agent for Service of Process

NANCY FLORES, C/O CT CORPORATION SYSTEM 818 WEST SEVENTH STREET LOS ANGELES, CA
90017

Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	13188
NAIC Group #:	<u>0218</u>
California Company ID #:	0761-7
Date authorized in California:	July 29, 1930
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	SOUTH DAKOTA

Lines of Insurance Authorized to Transact

The company is authorized to transact business within these lines of insurance. For an explanation of any of these terms, please refer to the glossary.

LIABILITY
SURETY

Company Complaint Information

[Company Enforcement Action Documents](#)
[Company Performance & Comparison Data](#)
[Composite Complaint Studies](#)

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Last Revised - November 10, 2012 10:58 AM