

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

112A



FROM: TLMA - Transportation Department

SUBMITTAL DATE:
May 23, 2012

SUBJECT: Countywide Traffic Signal battery backup system and LED modules improvement project at various locations, Phase 2.

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve two Addenda to specifications, issued prior to the April 11, 2012 bid opening; and
2. Accept the low bid of Republic Intelligent Transportation Services, Inc. of Anaheim, CA in the amount of \$249,954; and

RECOMMENDED MOTION (continued):

Juan C. Perez
Director of Transportation

JCP:jrj:sb
(Continued On Attached Page)

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 249,954	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2011/2012

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 Gracie

County Executive Office Signature

FORM APPROVED COUNTY COUNSEL

BY: MARSHAL L. VICTOR DATE: 5/23/12

Departmental Concurrence

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

Prev. Agn. Ref. 3/20/12, Item 3.21 District: All/All Agenda Number:

3.32

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

The Honorable Board of Supervisors

RE: Countywide Traffic Signal battery backup system and LED modules improvement project at various locations, Phase 2.

May 23, 2012

Page 2 of 2

3. Award the contract to Republic Intelligent Transportation Services, Inc. and authorize the Chairman of the Board to execute the contract documents; and
4. Approve the project's proposed budget shown on Attachment "A".

BACKGROUND:

By Minute Order dated March 20, 2012 (agenda item 3.21), 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 2. The list of various locations is attached herewith. Additionally, the specifications were approved by the Board within this agenda item.

During the advertisement period, two addenda were issued to all registered plan holders as a supplement to the specifications and special provisions. Bidders are required to acknowledge the addenda on their Contractor's Proposal, and are also required to take all addenda into account, to be considered for award. The addenda were issued to clarify and modify the approved contract documents. The addenda are attached as Addendum No. 1, and Addendum No. 2.

Bids for the project were opened in the office of the Director of Transportation at 2:00 PM, Wednesday, April 11, 2012. Ten 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 Republic Intelligent Transportation Services, Inc. of Anaheim, CA, in the amount of \$249,954 which is \$14,870 (6.33%) above the Engineer's Estimate. This bid amount is slightly above the bid target range of 5%.

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 is in construction and near completion. There are 47 locations being retrofitted throughout the County with phase 1. Phase 2 includes 37 locations and a list of these locations is attached. Phase 3 locations are planned for subsequent years. Countywide, yellow traffic signal indications are being retrofitted with LED modules under a separate project which is 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 prolong traffic signal operation when operating on battery power.

The Contractor has executed the contract and provided bonds documents.

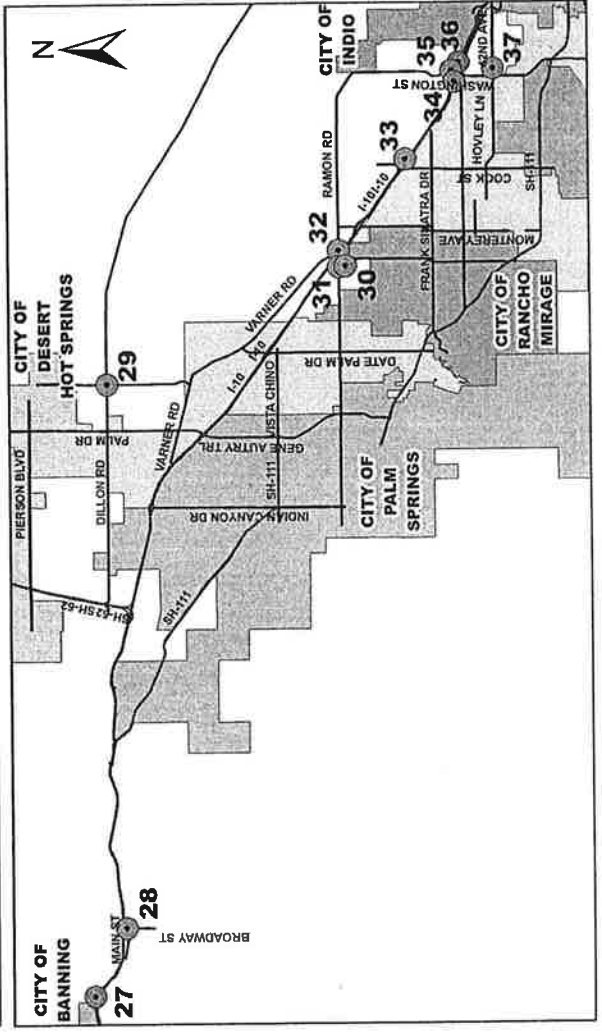
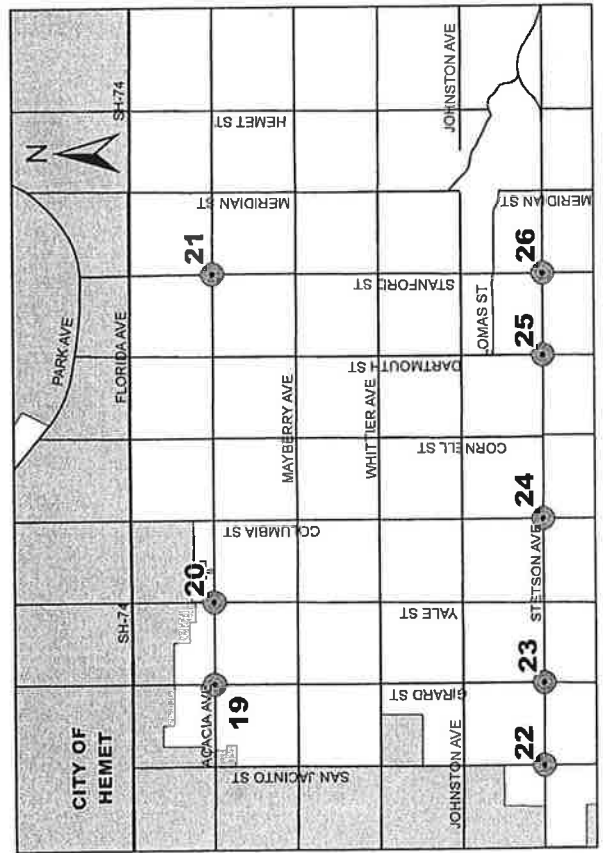
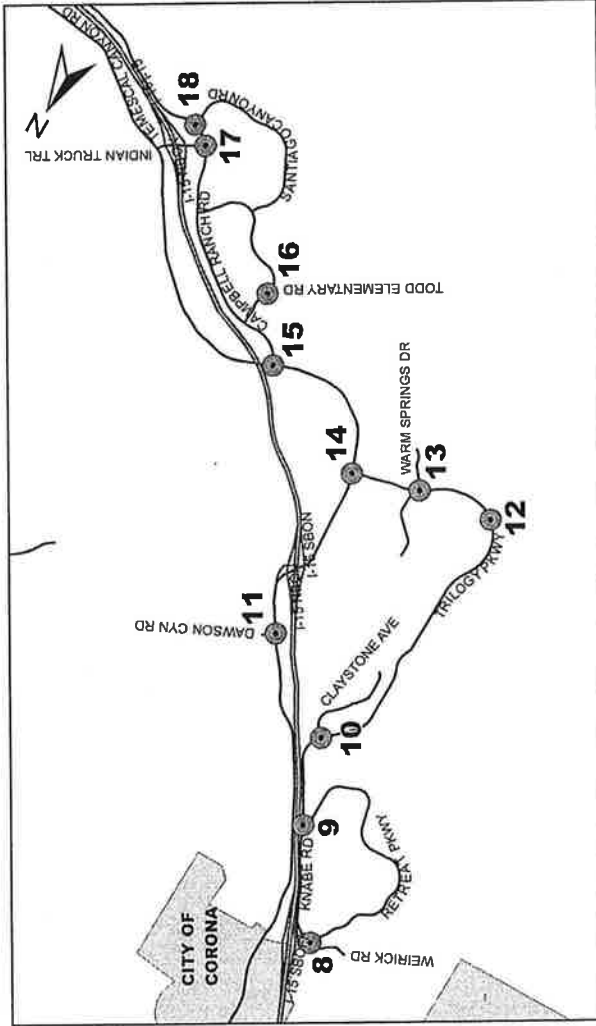
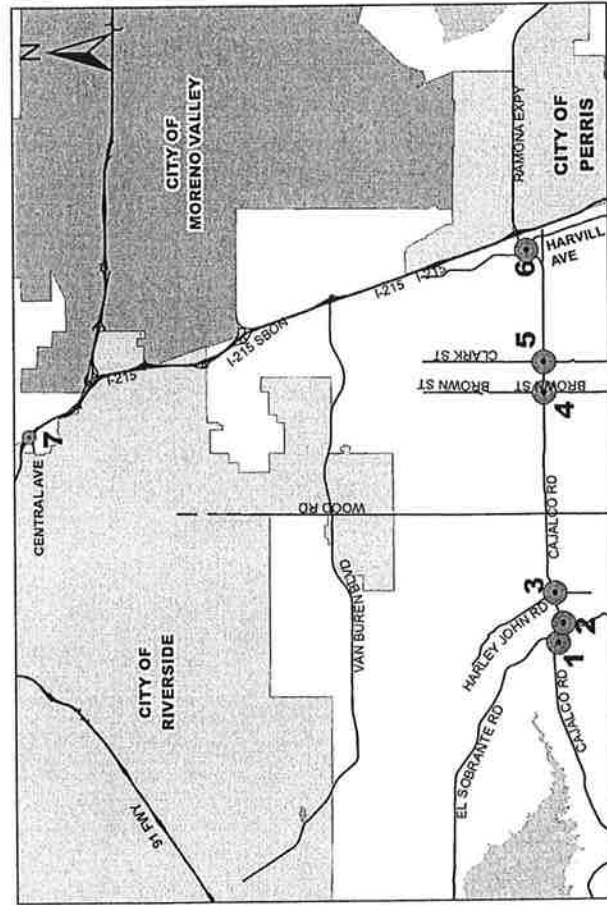
The contractor is qualified.

Project No. B9-0996

COUNTYWIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM AND LED MODULE IMPROVEMENT PROJECT AT VARIOUS LOCATIONS, PHASE 2

No.	INTERSECTION	CABINET TYPE	REPLACE TRAFFIC SIGNAL BREAKER WITH NEW 30 AMP 1 POLE BREAKER	REPLACE CONDUCTORS SERVICE CABINET TO CONTROLLER CABINET WITH 3#10 AWG	CONCRETE PAD FOR BBS CABINET	BBS INSTALLED EXIST CONTROLLER CABINET	BBS INSTALLED TO EXIST CONTROLLER CABINET	12" RED ARW LED	12" GRN ARW LED	12" RED BALL LED	12" GRN BALL LED	PV RED LED	PV GRN LED
1	CAJALCO RD	332	1	105'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	2	5	8	6	-	-
2	CAJALCO RD	332	1	120'	3' X 5'	EXTERNAL MOUNT	EXTERNAL MOUNT	2	6	10	7	-	-
3	CAJALCO RD	332	1	90'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	14	14	-	-
4	CAJALCO RD	333JP	1	105'	-	-	INTERNAL MOUNT	4	4	10	10	-	-
5	CAJALCO RD	333JP	1	150'	-	-	INTERNAL MOUNT	2	2	10	10	2	2
6	CAJALCO EXY	332	1	120'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	8	12	13	13	-	-
7	CENTRAL AVE	332	1	90'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	8	8	13	13	-	-
8	KNABE RD	332	1	180'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	8	10	13	13	-	-
9	KNABE RD	332	1	90'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	2	3	10	9	-	-
10	KNABE RD	332	1	90'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	2	2	10	10	-	-
11	TEMESCAL CANYON RD	332	1	105'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	8	15	13	-	-
12	TRILEGY PKWY	332	1	135'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	-	-	-	-	-	-
13	TRILEGY PKWY	332	1	150'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	14	14	-	-
14	TRILEGY PKWY	332	1	150'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	3	4	9	9	-	-
15	TEMESCAL CANYON RD	332	1	105'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	3	4	8	8	-	-
16	MAYHEW CANYON RD	332	1	105'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	-	-	-	-	-	-
17	DE PALMA RD/CAMPBELL RANCH RD	333	1	120'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	6	10	12	12	-	-
18	DE PALMA RD	332	1	90'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	-	-	-	-	-	-
19	ACACIA AVE	333JP	1	180'	-	-	INTERNAL MOUNT	-	-	12	12	-	-
20	ACACIA AVE	333JP	1	120'	2' X 4'	-	INTERNAL MOUNT	-	4	12	10	-	-
21	ACACIA AVE	333JP	1	105'	2' X 4'	-	INTERNAL MOUNT	-	-	12	12	-	-
22	STETSON AVE	333JP	1	90'	2' X 4'	-	INTERNAL MOUNT	2	2	13	13	2	2
23	STETSON AVE	333JP	1	120'	-	-	INTERNAL MOUNT	2	2	11	11	2	2
24	STETSON AVE	90	1	120'	2' X 4'	EXTERNAL MOUNT	EXTERNAL MOUNT	2	2	11	11	2	2
25	STETSON AVE	90	1	150'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	11	11	-	-
26	STETSON AVE	333JP	1	105'	2' X 4'	-	INTERNAL MOUNT	8	8	10	10	-	-
27	JOHNSON LN	332	1	90'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	2	6	10	8	-	-
28	BROADWAY ST	332	1	105'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	13	13	-	-
29	DILLON RD	333JP	1	105'	2' X 4'	-	INTERNAL MOUNT	4	4	12	12	-	-
30	BOB HOPE DR	332	1	105'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	8	8	13	13	-	-
31	BOB HOPE DR	332	1	195'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	-	-	-	-	-	-
32	VARNER RD	332	1	90'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	8	8	4	4
33	VARNER RD	332	1	105'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	2	4	14	13	-	-
34	VARNER RD	332	1	90'	2' X 9'	EXTERNAL MOUNT	EXTERNAL MOUNT	2	4	11	10	-	-
35	WASHINGTON ST	332	1	90'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	13	13	-	-
36	VARNER RD	332	1	105'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	12	12	-	-
37	YUCCA LN	332	1	120'	-	EXTERNAL MOUNT	EXTERNAL MOUNT	4	4	12	12	-	-
	TOTAL		37	4275 L.F.	279 S.F.	28	9	180	174	402	387	12	12

COUNTY WIDE BATTERY BACKUP & LED RETROFIT PROJECT PHASE 2



Attachment "A"

Riverside County Transportation Department

Project: **Countywide Traffic Signal battery backup system and LED Module improvement project at various locations, Phase 2**

Project No.(s): **B9-0996**

Project Costs and Budget

Activity	Incurred Costs	Projected Costs	Total Costs	Existing Budget	Proposed Budget
Preliminary Survey					
Environmental	2,147	853	3,000	1,000	3,000
Design	60,370	1,630	62,000	37,000	62,000
Right-of-way					
Utilities					
Construction	149,367	353,237	502,604	400,000	553,000
Construction Contingency 10%		50,260	50,260		
Construction Engineering & Inspection 16.0%	76,596	43,813	120,409	100,000	120,000
Construction Survey					
Totals:	288,480	449,793	738,273	538,000	738,000

Project Funding

Code	Name	Existing Budget	Proposed Budget
201	Proposition 111 (Gas Tax)	538,000	738,000
Totals		538,000	738,000

Comments

Proposed Budget Included in the following:

	Phase 1 (under construction)	Phase 2	Total
Enviromental	\$880.00	\$2,120.00	\$3,000.00
Design	\$43,265.00	\$18,735.00	\$62,000.00
Construction	\$278,000.00	\$275,000.00	\$553,000.00
Construction Eng & Inspection	\$80,000.00	\$40,000.00	\$120,000.00

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 2**

Advertised: March 20, 2012 (Agenda Item:3.21)

Addenda: 1-(4/2/12), 2-(4/5/12)

Bids Open: 2 pm Date: Wednesday, April 11, 2012

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	Republic ITS Anaheim, CA 92806
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	9,742.00	9,742.00	6,650.00	6,650.00	
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	50.00	6,500.00	51.00	6,630.00	
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	56.00	9,744.00	58.00	10,092.00	
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	50.00	20,100.00	52.00	20,904.00	
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	58.00	22,446.00	60.00	23,220.00	
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	97.00	1,164.00	67.00	804.00	
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	100.00	1,200.00	82.00	984.00	
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	15.00	4,500.00	20.00	6,000.00	
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	2.50	10,687.50	2.80	11,970.00	
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	4,075.00	114,100.00	4,500.00	126,000.00	
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	3,100.00	27,900.00	3,300.00	29,700.00	
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00	7,000.00	7,000.00	
TOTAL						235,083.50		249,954.00	
ITEMS 1-12						2		3	
					PTM General Engineering Service, Inc. Riverside, CA 92504			Dynalectric Los Alamitos, CA 90720	
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE	
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	5,000.00	5,000.00	2,749.00	2,749.00	
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	73.40	9,542.00	78.00	10,140.00	
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	74.90	13,032.60	79.00	13,746.00	
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	69.60	27,979.20	73.00	29,346.00	
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	71.30	27,593.10	76.00	29,412.00	
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	89.10	1,069.20	96.00	1,152.00	
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	108.10	1,297.20	115.00	1,380.00	
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	30.00	9,000.00	26.00	7,800.00	
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	3.75	16,031.25	2.86	12,226.50	
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	4,230.00	118,440.00	4,468.00	125,104.00	
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	4,200.00	37,800.00	3,951.00	35,649.00	
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00	7,000.00	7,000.00	
TOTAL						273,784.55		275,704.50	

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 2**

Advertised: March 20, 2012 (Agenda Item:3.21)

Addenda: 1-(4/2/12), 2-(4/5/12)

Bids Open: 2 pm Date: Wednesday, April 11, 2012

PROJECT NO. B9-0996

ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	4		5	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	10,001.50	10,001.50	2,435.00	2,435.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	51.00	6,630.00	60.00	7,800.00
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	53.00	9,222.00	61.50	10,701.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	48.00	19,296.00	53.50	21,507.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	52.00	20,124.00	56.00	22,446.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	148.00	1,776.00	176.00	2,112.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	166.00	1,992.00	195.00	2,340.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	19.00	5,700.00	11.35	3,405.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	6.50	27,787.50	3.60	15,390.00
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	5,025.00	140,700.00	5,622.00	157,416.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	4,501.00	40,509.00	4,581.00	41,229.00
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00	7,000.00	7,000.00
TOTAL						290,738.00		293,781.00
ITEMS 1-12						290,738.00		293,781.00
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	6		7	
					BID UNIT PRICE	BID ESTIMATE	BID UNIT PRICE	BID ESTIMATE
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	16,500.00	16,500.00	5,900.00	5,900.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	67.10	8,723.00	59.00	7,670.00
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	66.00	11,892.00	60.00	10,440.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	65.50	26,331.00	52.00	20,904.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	70.00	27,090.00	56.00	21,672.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	154.00	1,848.00	90.00	1,080.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	185.00	2,220.00	110.00	1,320.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	11.00	3,300.00	45.00	13,500.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	1.30	5,557.50	4.00	17,100.00
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	5,555.00	155,540.00	5,500.00	154,000.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	4,037.00	36,333.00	4,900.00	44,100.00
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00	7,000.00	7,000.00
TOTAL						302,274.50		304,686.00
ITEMS 1-12						302,274.50		304,686.00

**Riverside County Transportation Department
Summary of Bids**

**PROJECT: Countywide Traffic Signal Battery Backup System and LED Modules
Improvement Project at various locations, Phase 2**

Advertised: March 20, 2012 (Agenda Item:3.21)

Addenda: 1-(4/2/12), 2-(4/5/12)

Bids Open: 2 pm Date: Wednesday, April 11, 2012

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	4,365.00	4,365.00	18,900.00	18,900.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	100.00	13,000.00	59.00	7,670.00
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	107.00	18,618.00	59.00	10,266.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	102.00	41,004.00	58.00	23,316.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	111.00	42,957.00	63.00	24,381.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	150.00	1,800.00	113.00	1,356.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	215.00	2,580.00	113.00	1,356.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	10.00	3,000.00	76.00	22,800.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	1.60	6,840.00	2.37	10,131.75
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	4,900.00	137,200.00	5,409.00	151,452.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	4,365.00	39,285.00	4,931.00	44,379.00
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00	7,000.00	7,000.00
TOTAL						317,649.00		323,007.75
ITEMS 1-12								
					10			
					AEGIS ITS, Inc. Anaheim, CA 92806			
ITEM NO.	ITEM CODE	CONTRACT ITEM	UNITS	QUANTITY	BID UNIT PRICE	BID ESTIMATE		
1	120100	TRAFFIC CONTROL SYSTEM	LS	1	10,908.00	10,908.00		
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	87.05	11,316.50		
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	92.17	16,037.58		
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	88.50	35,577.00		
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	92.69	35,871.03		
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	100.55	1,206.60		
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	129.89	1,558.68		
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	61.49	18,447.00		
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	3.96	16,929.00		
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	5,053.32	141,492.96		
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	4,652.59	41,873.31		
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00		
TOTAL						338,217.66		
ITEMS 1-12								



COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.
Director of Transportation

Transportation Department

ADDENDUM NUMBER 1

Dated April 2, 2012

to the
Specifications and Contract Documents
for the construction of

Countywide Traffic Signal
Battery Backup System and
LED Modules Improvement Project
At Various Locations
Phase 2

Project No. B9-0996

Bids Due: Wednesday, April 11, 2012; 2:00 PM
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

www.tlma.co.riverside.ca.us/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Revised Proposal. Refer to "Proposal" page B3. Proposal (page B3) is deleted and replaced with revised "Proposal" attached herewith as **Attachment "A"**. The following additional changes have been made to the Proposal Schedules:

a. The following bid items have been added:

- Item 12, "De-mobilization"

See Attachment "A"

Item 2: Graffiti Removal and Cleaning.

The following Special Provisions are added and made part hereof:

GRAFFITI REMOVAL AND CLEANING:

The Contractor shall remove existing graffiti within the project limits and any new graffiti produced during the construction period of the project.

Contractor shall submit a method of graffiti removal plan to the Engineer for approval. Sand blasting will not be allowed. Methods may include but not limited to power washing, solvent washing, and painting over graffiti, as appropriate for the surface to be cleaned.

All graffiti shall be completely removed or obliterated and the area feathered out to hide any imperfections.

Graffiti shall be removed from, but not limited to, the surfaces listed as follows: bricks, cinder blocks, concrete sidewalks, pavement, bridge under passes, overhead structures, drainage channels, roadside signs, temporary construction signs, barricades, k-railing, traffic control devices, all types of poles, and other objects within the project limits as directed by the Engineer. Painting of k-railing for the purposes of graffiti removal shall not be considered as repainting as outlined in paragraph one of Section 12-3.08 and shall not be paid for as extra work.

Graffiti to be removed may include, but shall not be limited to: paint, signs, wood, metal, plastic, decals, gum, markers, crayons, ropes, chains, strings, wires, and tapes of any kind on an as needed basis.

All painting over graffiti must be done with exact color matches, so as not to show any blocking or shadowing of colors. Painting over graffiti is the preferred option on previously painted surfaces, and where solvents are unsuccessful at removing graffiti. Painting services shall be done on an as needed basis on the following types of surfaces, but not limited to: walls, hardscapes, poles, fences, bollards, railings, and buildings.

Paint shall be exact color match. Paint types may include oil base, water base and enamels as approved by the Engineer. Graffiti cover-up by paint will be allowed with appropriate type of paint at locations where graffiti cannot be removed only upon direction by the Engineer. All paint applications shall adhere to the manufacturer's recommendations. All material and solutions shall be safe and biodegradable and approved by the Engineer.

Regional Water Quality Control Board (RWQCB) and Air Quality Management District (AQMD) regulations, as well as all NPDES required best management practices shall be complied with and followed.

The Contractor shall so conduct his operation as to cause the least possible obstruction and inconvenience to public traffic. The Contractor shall provide, erect and maintain barricades, lights, danger signals, and warning signs as deemed appropriate by the Engineer.

When necessary, the Contractor shall provide and erect safe and adequate scaffolding and equipment, barriers, and masking, required for the proper execution of the work. All scaffolding shall be properly braced and erected to insure the safety of the workmen and meet all appropriate OSHA regulations.

The Contractor shall respond and provide manpower for any urgent graffiti removal and cleaning notifications within two (2) working days.

Method of Payment:

Full compensation for conformance with these Graffiti Removal and Cleaning requirements, including labor, equipment, materials, necessary traffic control, and incidentals, shall be considered as included in the lump sum price paid for Traffic Control System, and no additional compensation will be allowed therefor.

Item 3: De-Mobilization.

The following Special Provisions are added and made part hereof:

DE-MOBILIZATION:

De-mobilization shall consist of the completion of all final construction, cleanup work, incidentals to the project site(s), and administrative work required to secure the project for termination and acceptance by the Engineer, including, but not limited to the following:

1. Removal of all temporary facilities, temporary utilities, equipment, surplus material, construction debris and similar objects from project limits and adjacent property, as required and as directed by the Engineer.
2. Submission of final certified payroll documents to the Engineer.
3. Satisfactory completion of punch list items, all construction items, and administrative items of work.


De-Mobilization shall include the satisfactory completion of all items of work, but shall not be construed as being a separate payment for work that is paid under separate contract items. The contract item for De-Mobilization is intended for project close-out activities.

Method of Payment

Payment for De-Mobilization will be made on a lump-sum basis in the amount of the fixed bid price after satisfactory completion of the above listed items. Payment for De-Mobilization will be included in the final pay estimate and payment. No partial payments will be made for De-Mobilization


This addendum has been prepared under the direction of the following registered Civil Engineer:

Recommended by:



Dowling Tsai, PE
County Project Manager

Concurrence:



Khalid Nasim, PE
Engineering Division Manager

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jrj:sb

**COUNTY WIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
AND LED MODULE IMPROVEMENT PROJECT
AT VARIOUS LOCATIONS, PHASE 2**

PROJECT NO. B9-0996

Attachment "A" to addendum 1
Date: April 2, 2012

PROPOSAL (REVISED)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE (IN FIGURES)	TOTAL (IN FIGURES)
1	120100	TRAFFIC CONTROL SYSTEM	LS	1		
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130		
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174		
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402		
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387		
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12		
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12		
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300		
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275		
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLER CABINET)	EA	28		
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9		
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00

PROJECT TOTAL: _____ \$ _____
ITEMS 1-12 "WORDS"



COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



Juan C. Perez, P.E., T.E.
Director of Transportation

Transportation Department

ADDENDUM NUMBER 2

Dated April 5, 2012

to the
Specifications and Contract Documents
for the construction of

Countywide Traffic Signal
Battery Backup System and
LED Modules Improvement Project
At Various Locations
Phase 2

Project No. B9-0996

Bids Due: **Wednesday, April 11, 2012; 2:00 PM**
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to the Instructions to Bidders, Item No. 8, of the Contract Documents for the reference project. This Addendum is issued as a supplement to the specification and special provisions for the referenced project. The revisions to the specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

www.tlma.co.riverside.ca.us/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS:

Item 1: Graffiti Removal and Cleaning revision.

Refer to Addendum 1, item 2, entitled "Graffiti Removal and Cleaning". The fourth, fifth and sixth paragraphs are deleted and replaced with the following:

"Graffiti shall be removed from battery backup system covers and directly connected components.

Graffiti to be removed may include, but shall not be limited to: electrical components, covers, signs, wood, metal, plastic, decals, gum, markers, crayons, strings, wires, and tapes of any kind on an as needed basis.

All painting over graffiti must be done with exact color matches, so as not to show any blocking or shadowing of colors. Painting over graffiti is the preferred option on previously painted surfaces, and where solvents are unsuccessful at removing graffiti."

Additionally, the tenth paragraph, starting with the words "When necessary..." is deleted.

This addendum has been prepared under the direction of the following registered Civil Engineer:

Recommended by:



Dowling Tsai, PE
County Project Manager

Concurrence:



Khalid Nasim, PE
Engineering Division Manager

Acknowledged: _____ **Date:** _____
(Contractor)

JRJ:jrj:sb

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 **Republic Intelligent Transportation Services, 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-2, 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 **(two)**. (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.

**COUNTYWIDE TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
AND LED MODULE IMPROVEMENT PROJECT
AT VARIOUS LOCATIONS, PHASE-2
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	6,650.00	6,650.00
2	000003	12" RED ARROW LED TRAFFIC SIGNAL MODULE	EA	130	51.00	6,630.00
3	000003	12" GREEN ARROW LED TRAFFIC SIGNAL MODULE	EA	174	58.00	10,092.00
4	000003	12" RED BALL LED TRAFFIC SIGNAL MODULE	EA	402	52.00	20,904.00
5	000003	12" GREEN BALL LED TRAFFIC SIGNAL MODULE	EA	387	60.00	23,220.00
6	000003	PV RED LED TRAFFIC SIGNAL MODULE	EA	12	67.00	804.00
7	000003	PV GREEN LED TRAFFIC SIGNAL MODULE	EA	12	82.00	984.00
8	731521	MINOR CONCRETE (SIDEWALK) [MAINTENANCE PAD]	SQFT	300	20.00	6,000.00
9	000003	CONDUCTOR REPLACEMENT (SERVICE CABINET TO CONTROLLER CABINET)	LF	4,275	2.80	11,970.00
10	000003	BATTERY BACK-UP SYSTEM (MOUNT EXTERNALLY TO CONTROLLER CABINET)	EA	28	4,500.00	126,000.00
11	000003	BATTERY BACK-UP SYSTEM (MOUNT INTERNALLY TO CONTROLLER CABINET)	EA	9	3,300.00	29,700.00
12	019901	DE-MOBILIZATION	LS	1	7,000.00	7,000.00

PROJECT TOTAL

ITEMS 1-12: Two hundred forty nine thousand, nine hundred fifty four dollars and zero cents. \$ 249,954.00

Words

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

COUNTY OF RIVERSIDE

REPUBLIC ITS, INC.

BY _____
Chairman, Board of Supervisors

BY James A. Wagner
James A. Wagner
TITLE: President
(If Corporation, Affix Seal)

Dated _____

ATTEST:

Kecia Harper-Ihem, Clerk of the Board

ATTEST: _____
Dirk Glaser
TITLE: Asst. Secretary

BY _____
Deputy

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

License No. 647154

Federal Employer Identification Number:

68-0276727

BY _____
"County"
(Seal)

"Corporation"
(Seal)

FORM APPROVED COUNTY COUNSEL
BY: Marsha L. Victor 5/23/12
MARSHA L. VICTOR DATE

Republic Intelligent Transportation Services, Inc.
UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS
OF REPUBLIC INTELLIGENT TRANSPORTATION SERVICES INC.

The undersigned, constituting the entire Board of Directors of **Republic Intelligent Transportation Services, Inc.**, a corporation organized and existing under the laws of the State of California (the "Corporation"), acting in lieu of a meeting, **HEREBY APPROVE AND CONSENT** to the adoption of the following resolutions:

WHEREAS, it is the intention of the Board of Directors to appoint and maintain officers of the Corporation to manage the daily operations of the Corporation; and

WHEREAS, it is the intention of the Board of Directors to authorize the officers of the Corporation to execute bonds, contracts, bids, legal, and other documents as may become necessary for the Corporation to transact its business.

NOW, THEREFORE, BE IT RESOLVED that it is

RESOLVED, that effective as of December 1st, 2011, the officers of the Corporation are as follows:

Terry Heath	Chairman
James Wagner	President and CEO
Mario Mattern	Vice President, CFO and Assistant Secretary
Dennis Walther	Vice President
Dirk Glaser	Vice President and Assistant Secretary
Daniel Hislip	Secretary
Phillis Ing	Assistant Secretary
Beverly Pacansky	Assistant Secretary
Lonnie Ellis	Assistant Secretary

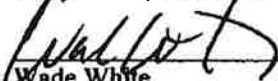
RESOLVED, that the officers of the Corporation be duly authorized to legally bind the Corporation through the execution of bonds, contracts, bids, legal, and other documents as may become necessary from time to time in order for the Corporation to transact its business.

RESOLVED, that any actions taken by the officers of the Corporation prior to date of the foregoing resolutions that are within the authority conferred thereby are hereby ratified, confirmed and approved as the acts and deeds of this Corporation.

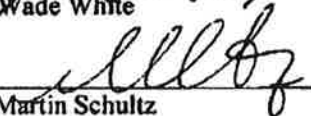
SIGNED, this November 08, 2011, by the Board of Directors, in its entirety, as follows:



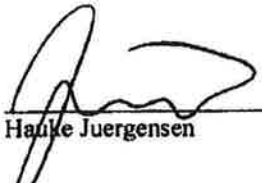
Terry Heath, Chairman



Wade White



Martin Schultz



Hauke Juergensen



Mario Mattern

PERFORMANCE BOND

Recitals:

1. **Republic Intelligent Transportation Services, 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-2, 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 \$ **249,954.00 (Two hundred forty nine thousand, nine hundred fifty four dollars and zero 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 the 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 3247 et seq.)

The makers of this Bond are **Republic Intelligent Transportation Services, 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 **\$ 249,954.00 (Two hundred forty nine thousand, nine hundred fifty four dollars and zero cents)**, the total amount payable. THE AMOUNT OF THIS BOND IS ONE HUNDRED PERCENT 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-2, Project No. B9-0996.**

The beneficiaries of this Bond are as is stated in 3248 of the Civil Code and requirements and conditions of this Bond are as is set forth in 3248, 3249, 3250 and 3252 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 _____
Its Attorney In Fact

Title _____

(Corporate Seal)

(If corporation, affix seal)

(Corporate Seal)

STATE OF CALIFORNIA
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/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 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

BOND NO. 82297557

Recitals:

1. Republic Intelligent Transportation Services, 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-2, Project No. B9-0996.
2. Federal Insurance Company, a Indiana 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 \$ 249,954.00 (Two hundred forty nine thousand, nine hundred fifty four dollars and zero 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 the 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 April 25, 2012

Republic Intelligent Transportation
By Services, Inc.

By James A. Wagner
James A. Wagner
Title President
"Contractor"

By Federal Insurance Company

Type Name Stacy Rivera,
Stacy Rivera, Its Attorney in Fact
"Surety"

(Corporate Seal)

(Corporate Seal)

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

ACKNOWLEDGEMENT OF SURETY

STATE OF CT
COUNTY OF Hartford

On this 25th of April 2012, before me personally came **Stacy Rivera**, to me known, who, by me duly sworn, did depose and say that she is the attorney-in-fact of the **Federal Insurance Company**, that she knows the seal of the corporation; that the seal affixed to the said instrument is such company seal; that it was so affixed by order of the Board of Directors of said company and that she signed her name thereto by like order.



Notary Public, Julie Perry

My Commission Expires: July 31, 2015

PAYMENT BOND

(Public Work - Civil Code 3247 et seq.)

The makers of this Bond are Republic Intelligent Transportation Services, Inc., as Principal and Original Contractor and Federal Insurance 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 \$ 249,954.00 (Two hundred forty nine thousand, nine hundred fifty four dollars and zero cents), the total amount payable. THE AMOUNT OF THIS BOND IS ONE HUNDRED PERCENT 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-2, Project No. B9-0996.

The beneficiaries of this Bond are as is stated in 3248 of the Civil Code and requirements and conditions of this Bond are as is set forth in 3248, 3249, 3250 and 3252 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: April 25, 2012.

Republic Intelligent Transportation Services, Inc.
Original Contractor - Principal

Federal Insurance Company
Surety
By [Signature]
Stacy Rivera, Its Attorney In Fact

By [Signature]
James A. Wagner
President

(If corporation, affix seal)

(Corporate Seal)

(Corporate Seal)

STATE OF ~~CALIFORNIA~~ Connecticut } ss. SURETY'S ACKNOWLEDGEMENT
COUNTY OF Hartford

On 4/25/12 before me, Julie Perry personally appeared, Stacy Rivera, 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/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

Notary Public (Seal)

My Commission Expires: 7/31/2015

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

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

State of California

County of Marin

On 4/27/12 before me, Brooke Sachs, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared James A. Wagner, President
Name(s) of Signer(s)

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: Brooke Sachs
Signature of Notary Public



Place Notary Seal Above

OPTIONAL

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

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____ Signer's Name: _____

Corporate Officer — Title(s): _____ Corporate Officer — Title(s): _____

Individual Individual

Partner — Limited General Partner — Limited General

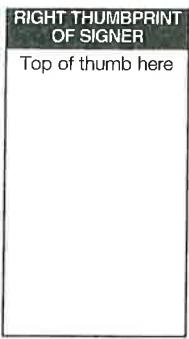
Attorney in Fact Attorney in Fact

Trustee Trustee

Guardian or Conservator Guardian or Conservator

Other: _____ Other: _____

Signer Is Representing: _____ Signer Is Representing: _____





**Chubb
Surety**

**POWER
OF
ATTORNEY**

**Federal Insurance Company
Vigilant Insurance Company
Pacific Indemnity Company**

**Attn: Surety Department
15 Mountain View Road
Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint Aiza Lopez, Jeannette Porrini and Stacy Rivera of Hartford, Connecticut -----

each as their true and lawful Attorney- in- Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 5th day of October, 2011.

Kenneth C. Wendel, Assistant Secretary

David B. Norris, Jr., Vice President

STATE OF NEW JERSEY
County of Somerset

ss.

On this **5th** day of **October, 2011** before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel, being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By- Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By- Laws and in deponent's presence.

Notarial Seal



**KATHERINE J. ADELAAR
NOTARY PUBLIC OF NEW JERSEY
No. 2316685
Commission Expires July 14, 2014**

Notary Public

CERTIFICATION

Extract from the By- Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys- in- Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

- (i) the foregoing extract of the By- Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U.S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this **25th** day of **April, 2012.**



Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903- 3493 Fax (908) 903- 3656 e-mail: surety@chubb.com

FEDERAL INSURANCE COMPANY

STATEMENT OF ASSETS, LIABILITIES AND SURPLUS TO POLICYHOLDERS

Statutory Basis

DECEMBER 31, 2011

(in thousands of dollars)

ASSETS	LIABILITIES AND SURPLUS TO POLICYHOLDERS
Cash and Short Term Investments..... \$ 151,942	Outstanding Losses and Loss Expenses \$ 12,300,432
United States Government, State and Municipal Bonds 10,312,572	Unearned Premiums..... 3,395,082
Other Bonds..... 4,146,378	Ceded Reinsurance Premiums Payable..... 320,332
Stocks 779,367	Provision for Reinsurance 80,930
Other Invested Assets..... 1,924,895	Other Liabilities..... 922,290
TOTAL INVESTMENTS 17,315,154	TOTAL LIABILITIES 17,019,066
Investments in Affiliates:	Special Surplus Funds 222,832
Chubb Investment Holdings, Inc. 3,212,072	Capital Stock 20,980
Pacific Indemnity Company..... 2,440,763	Paid-In Surplus..... 3,106,808
Chubb Insurance Investment Holdings Ltd.... 1,237,556	Unassigned Funds 10,356,926
Executive Risk Indemnity Inc..... 1,076,901	
CC Canada Holdings Ltd..... 747,660	
Great Northern Insurance Company 436,665	SURPLUS TO POLICYHOLDERS..... 13,707,546
Chubb Insurance Company of Australia Limited 404,315	
Chubb European Investment Holdings SLP .. 251,756	
Vigilant Insurance Company 233,604	
Other Affiliates 409,535	
Premiums Receivable 1,470,010	
Other Assets 1,490,621	
TOTAL ADMITTED ASSETS \$ 30,726,612	TOTAL LIABILITIES AND SURPLUS TO POLICYHOLDERS..... \$ 30,726,612

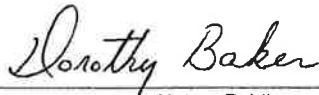
Investments are valued in accordance with requirements of the National Association of Insurance Commissioners.
Investments with a carrying value of \$431,309,571 are deposited with government authorities as required by law.

State, County & City of New York, -- ss:

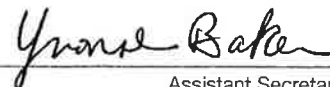
Yvonne Baker, Assistant Secretary

_____ of the Federal Insurance Company
being duly sworn, deposes and says that the foregoing Statement of Assets, Liabilities and Surplus to Policyholders of said Federal Insurance Company on December 31, 2011 is true and correct and is a true abstract of the Annual Statement of said Company as filed with the Secretary of the Treasury of the United States for the 12 months ending December 31, 2011.

Subscribed and sworn to before me
this March 31, 2012



Notary Public



Assistant Secretary

DOROTHY M. BAKER
Notary Public, State of New York
No. 31-4904994
Qualified in New York County
Commission Expires Sept. 14, 2013

Company Profile

FEDERAL INSURANCE COMPANY
15 MOUNTAIN VIEW ROAD
WARREN, NJ 07061-1615
800-252-4670

Agent for Service of Process

JERE KEPRIOS, C/O CT CORPORATION SYSTEM 818 WEST SEVENTH STREET, 2ND FLOOR LOS ANGELES, CA 90017
 JERE KEPRIOS, C/O CT CORPORATION SYSTEM 818 WEST SEVENTH ST LOS ANGELES, CA 90017

Unable to Locate the Agent for Service of Process?

Reference Information

NAIC #:	20281
NAIC Group #:	<u>0038</u>
California Company ID #:	0059-6
Date authorized in California:	December 18, 1902
License Status:	UNLIMITED-NORMAL
Company Type:	Property & Casualty
State of Domicile:	INDIANA

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](#).

AIRCRAFT
 AUTOMOBILE
 BOILER AND MACHINERY
 BURGLARY
 COMMON CARRIER LIABILITY
 CREDIT
 DISABILITY
 FIRE
 LIABILITY
 MARINE
 MISCELLANEOUS
 PLATE GLASS
 SPRINKLER
 ✓ SURETY
 TEAM AND VEHICLE
 WORKERS' COMPENSATION