COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

GAIL FARBER, Director

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

ADOPTED
BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

23 JULY 21, 2009

SACHI A. HAMAI
EXECUTIVE OFFICER

July 14, 2009

IN REPLY PLEASE REFER TO FILE: T-6

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

AGREEMENT BETWEEN THE CITY OF REDONDO BEACH AND THE COUNTY OF LOS ANGELES FOR THE PROCUREMENT OF A TRAFFIC SIGNAL CONTROL SYSTEM (SUPERVISORIAL DISTRICT 4) (4 VOTES)

SUBJECT

This action is to approve and authorize the Director of Public Works or her designee to execute an agreement between the City of Redondo Beach and the County of Los Angeles to provide up to $283,400 for the procurement of a traffic signal control system for the City of Redondo Beach financed with Los Angeles County Metropolitan Transportation Authority Grant Funds.

IT IS RECOMMENDED THAT YOUR BOARD:

1. Acting as a responsible agency, find that this project is exempt from the provisions of the California Environmental Quality Act.

2. Adopt the resolution to find that the project to procure the traffic signal control system in the City of Redondo Beach is of general County of Los Angeles interest and that the County of Los Angeles provide a financial contribution in the amount of $283,400 to the City of Redondo Beach for the County of Los Angeles' share of the project cost.

3. Approve and authorize the Director of Public Works or her designee to sign the agreement between the City of Redondo Beach and the County of Los Angeles for the City of Redondo Beach to administer the procurement and deployment of a traffic signal control system and for the County of Los Angeles to administer the design, procurement and installation of a communications network for the traffic signal control system; and for the County of Los Angeles to deposit with the City of Redondo Beach upon submittal of an invoice by the City of Redondo Beach, a not-to-exceed amount of $283,400, which represents County of Los Angeles' share of traffic signal control system cost of $387,570 minus the City of Redondo Beach's share of communications network cost of $104,170. This amount will be financed by Los Angeles County Metropolitan Transportation Authority's Grant Funds.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to execute an agreement with the City of Redondo Beach to provide funds for the procurement of a traffic signal control system and deployment of an associated communications network.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). The project will provide improved infrastructure and will enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund.

The total cost of the project is estimated to be $1,014,044 with County of Los Angeles' (County) share being $616,744 and City of Redondo Beach's (City) share being $397,300. The project consists of two primary components: a traffic signal control system and a communications network. Under the terms of the agreement, the City will be installing the traffic signal control system and the County will be installing the communications network. The traffic signal control system component of the project consists of 32 intersections, of which 18 require major traffic signal upgrades. The communications network component of the project is required at all 32 intersections. The County will be paying for the traffic signal upgrades and the installation of the communications network at 22 intersections. The City will be paying for traffic signal upgrades and the installation of the communications network for the

other 10 intersections. The cost of the traffic signal control system, including traffic signal upgrades, is estimated to be $680,700 with the County's share being $387,570 and the City's share being $293,130. The cost of the communications network is estimated to be $333,344 with the County's share being $229,174 and the City's share being $104,170. The installation of the communications network will occur under the County's Wireless Communication System contract, which was adopted by your Board on September 18, 2007. See the enclosed Exhibit A for a summary of this cost sharing arrangement.

The County will reimburse the City upon submittal of an invoice by the City, a not-to-exceed amount of $283,400 which represents the County's share of the traffic signal control system cost of $387,570 minus the City's share of the communications network cost of $104,170. The County's share of cost of the traffic signal control system is financed by the Metropolitan Transit Authority grant funds and is included in the Fiscal Year 2009-10 Proposition C Local Return Fund budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

The enclosed agreement, which has been approved by County Counsel, provides for the City to perform procurement services, installation, integration, contract administration, and all other work necessary to purchase a traffic signal control system within the City. The agreement establishes the County contribution to the City for actual expenditures not to exceed $283,400 toward the cost of the project by utilizing the Los Angeles County Metropolitan Transportation Authority Grant Funds. This agreement is authorized and provided for by the provisions of Sections 1680-1684 of the California Streets and Highways Code.

ENVIRONMENTAL DOCUMENTATION

This project is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15301(c) of the CEQA guidelines and Class 1(x), Subsections 4 and 5 of the Environmental Reporting Procedures and Guidelines adopted by your Board on November 17, 1987. These exemptions provide for installation and modification of traffic signal systems. The City of Redondo Beach is the lead agency for this project and will independently consider and reach its own conclusions regarding the environmental effects of the project.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

There will be no impact on current County services or projects during the performance of the recommended services, including implementation of the proposed traffic signal control system and communications network.

CONCLUSION

Please return one adopted copy of this letter and the signed resolution to the Department of Public Works, Traffic and Lighting Division.

Respectfully submitted,

for Patrick V. Alchilks
GAIL FARBER
Director of Public Works

GF:WJW:pc

Enclosures

c: Chief Executive Office (Lari Sheehan)
County Counsel
Executive Office

RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES TO EXTEND COUNTY AID TO THE CITY OF REDONDO BEACH FOR THE PURPOSE OF INSTALLING A TRAFFIC SIGNAL CONTROL SYSTEM

WHEREAS, CITY proposes to procure a Traffic Signal Control System software and hardware, which work is hereinafter referred to as SYSTEM; and

WHEREAS, use of SYSTEM requires that a communication link be established between a remote location and CITY traffic signals, hereinafter referred to as COMMUNICATIONS; and

WHEREAS, SYSTEM and COMMUNICATIONS are hereinafter collectively referred to as PROJECT; and

WHEREAS, the total cost of PROJECT is currently estimated to be One Million Fourteen Thousand Forty-Four and 00/100 Dollars ($1,014,044);

WHEREAS, COUNTY has agreed to provide COMMUNICATIONS at specified CITY traffic signals; and

WHEREAS, SYSTEM is consistent with the scope of work for traffic improvements within CITY pursuant to Memorandum of Understanding Number 494-246-4-115-95/P002356A between COUNTY and the Los Angeles County Metropolitan Transportation Authority (Metro); and

WHEREAS, SYSTEM is entirely within the jurisdictional limits of CITY; and

WHEREAS, SYSTEM will be installed along all, or portions of, the following arterials within CITY: 190th Street/Anita Street/Herondo Street, Aviation Boulevard, Catalina Avenue, Harbor Drive, Inglewood Avenue, Manhattan Beach Boulevard, Marine Avenue, and Torrance Boulevard; and

WHEREAS, SYSTEM is of general interest to CITY and COUNTY; and

WHEREAS, CITY is willing to perform the procurement administration for SYSTEM; and

WHEREAS, COUNTY will administer the design, procurement, and installation of COMMUNICATIONS for SYSTEM; and

WHEREAS, the COST OF SYSTEM includes the costs of the procurement administration and the Traffic Signal Control System software, hardware, and 4 years of vendor system maintenance and support for SYSTEM, as more fully set forth herein; and

WHEREAS, COUNTY has obtained Metro grant funds of Three Hundred Eighty-Seven Thousand Five Hundred Seventy and 00/100 Dollars ($387,570) for the cost of SYSTEM and Two Hundred Twenty-Nine Thousand One Hundred Seventy-Four and 00/100 Dollars ($229,174) for the COUNTY's share of the cost of COMMUNICATIONS; and

WHEREAS, CITY will fund the cost of SYSTEM at 10 intersections in the amount of Two Hundred Ninety-Three Thousand One Hundred Thirty and 00/100 Dollars ($293,130) and COMMUNICATIONS at 10 intersections in the amount of One Hundred Four Thousand One Hundred Seventy and 00/100 Dollars ($104,170); and

WHEREAS, COUNTY will provide COMMUNICATIONS at 22 intersections at no cost to CITY; and

WHEREAS, COUNTY is willing to provide up to Two Hundred Eighty-Three Thousand Four Hundred and 00/100 Dollars ($283,400) to CITY to finance the COUNTY'S share of COST OF SYSTEM minus the CITY'S share of COST OF COMMUNICATIONS; and

WHEREAS, such a proposal is authorized and provided for by provisions of Sections 1680-1684 of the California Streets and Highways Code.

NOW, THEREFORE, in consideration of the mutual benefits to be derived by CITY and COUNTY and of the promises herein contained, it is hereby agreed as follows:

1. The SYSTEM is of general County interest and County aid shall be extended therefor.

2. Subject to the terms and conditions set forth herein, the County of Los Angeles consents, pursuant to the provisions of Sections 1680-1684 of the California Streets and Highways Code, to extend County aid in the amount of $283,400 to the City of Redondo Beach for the installation of a traffic signal control system.

3. The financial obligations of the County of Los Angeles are expressly conditioned upon obtaining reimbursement from Metro pursuant to Memorandum of Understanding Number 494-246-4-115-95/P002356A between COUNTY and Metro.

4. If any provision of this resolution is held or declared to be invalid, the resolution shall be void and the consent granted hereunder shall lapse.

5. CITY shall use all aid which it receives in the activities described in this resolution and shall return to the County any portion of such aid which is not thus used.

The foregoing resolution was on the 21st day of July, 2009, adopted by the Board of Supervisors of the County of Los Angeles and ex officio the governing body of all other special assessment and taxing districts, agencies and authorities for which said Board so acts.

SACHI A. HAMAI
Executive Officer of the
Board of Supervisors of the
County of Los Angeles

By _____
Deputy

APPROVED AS TO FORM:

ROBERT E. KALUNIAN
Acting County Counsel

By _____
Deputy

AGREEMENT

THIS AGREEMENT is made and entered into by and between the CITY OF REDONDO BEACH, a chartered municipal corporation in the County of Los Angeles, hereinafter referred to as CITY, and the COUNTY OF LOS ANGELES, a political subdivision of the State of California, hereinafter referred to as COUNTY.

WITNESSETH

WHEREAS, CITY desires to procure Traffic Signal Control System software and hardware (hereinafter referred to as SYSTEM) according to the payment schedule as described in Attachment A of this AGREEMENT; and

WHEREAS, use of SYSTEM requires that a communication link be established between a remote location and the CITY'S traffic signals listed in Attachment B (hereinafter referred to as CITY TRAFFIC SIGNALS); and

WHEREAS, on September 18, 2007, COUNTY executed an amendment with Systems Analysis & Integration, Inc. for the expansion of a communication system (hereinafter referred to as COMMUNICATIONS); and

WHEREAS, COUNTY'S agreement for COMMUNICATIONS includes a provision for placement at specified CITY TRAFFIC SIGNALS as denoted in Attachment B; and

WHEREAS, COUNTY will provide COMMUNICATIONS at 22 intersections at no cost to CITY, which work is hereinafter referred to as COUNTY COMMUNICATIONS; and

WHEREAS, CITY desires to pay for the installation of COMMUNICATIONS at 10 intersections, which work is hereinafter referred to as CITY COMMUNICATIONS; and

WHEREAS, SYSTEM and COMMUNICATIONS (including COUNTY COMMUNICATIONS and CITY COMMUNICATIONS) are hereinafter collectively referred to as PROJECT; and

WHEREAS, the total cost of PROJECT is currently estimated to be One Million Fourteen Thousand Forty-Four and 00/100 Dollars ($1,014,044);

WHEREAS, the cost of PROJECT will be shared between CITY and COUNTY as shown in Attachments A and B.

WHEREAS, COUNTY has obtained Los Angeles County Metropolitan Transportation Authority (Metro) grant funds of Three Hundred Eighty-Seven Thousand Five Hundred Seventy and 00/100 Dollars ($387,570) for the cost of SYSTEM and

Two Hundred Twenty-Nine Thousand One Hundred Seventy-Four and 00/100 Dollars ($229,174) for the cost of COUNTY COMMUNICATIONS; and

WHEREAS, CITY will fund the cost of SYSTEM at 10 intersections in the amount of Two Hundred Ninety-Three Thousand One Hundred Thirty and 00/100 Dollars ($293,130) and CITY COMMUNICATIONS at 10 intersections in the amount of One Hundred -our Thousand One Hundred Seventy and 00/100 Dollars ($104,170); and

WHEREAS, PROJECT is consistent with the scope of work for traffic improvements within CITY pursuant to Memorandum of Understanding Number 494-246-4-115-95/P002356A between COUNTY and Metro; and

WHEREAS, PROJECT is located and will be utilized entirely within the jurisdictional limits of CITY; and

WHEREAS, PROJECT is of general interest to CITY and COUNTY; and

WHEREAS, CITY will administer the procurement of the SYSTEM; and

WHEREAS, COUNTY will administer the design, procurement, and installation of COMMUNICATIONS for SYSTEM; and

WHEREAS, the cost of SYSTEM includes the costs of traffic signal controller upgrades, procurement administration of the Traffic Signal Control System Software and Hardware, and system installation, integration and acceptance testing, and all other work and materials necessary to complete SYSTEM in accordance with the approved conceptual plan, as more fully set forth herein; and

WHEREAS, the cost of COMMUNICATIONS includes the unit cost for the design, procurement and installation of equipment as determined by the County's executed agreement, with Systems Analysis & Integration, Inc. for COMMUNICATIONS; and

WHEREAS, the term JURISDICTION, as referred to in this AGREEMENT, shall be defined as the area within the jurisdictional boundary of each governmental entity which is a party to this AGREEMENT; and

WHEREAS, such a proposal is authorized and provided for by the provisions of Section 1680-1684 of the California Streets and Highways Code.

NOW, THEREFORE, in consideration of the mutual benefits to be derived by CITY and COUNTY and of the promises herein contained, it is hereby agreed as follows:

(1) CITY AGREES:

a. To finance CITY'S share of the cost of PROJECT, estimated to be Three Hundred Ninety-Seven Thousand Three Hundred and 00/100 Dollars ($397,300) as specified in Attachments A and B.

b. If needed, to advertise SYSTEM for bids, to inform COUNTY of the content of the bids received, to award the contract after approval by COUNTY, and to administer the procurement contract.

c. To administer the procurement and deployment of SYSTEM in accordance with all regulations and requirements of Metro relating to the expenditure of Proposition C Local Return funds and Proposition C twenty-five percent (25%) Discretionary funds. CITY'S records for SYSTEM shall be open to inspection and subject to audit and reproduction by the COUNTY and Metro, or any of their duly representatives. CITY financial records shall be retained for a period of not less than five (5) years after final payment to contractor(s) for SYSTEM. CITY shall maintain all other records pursuant to this agreement permanently. Said records shall include, but not be limited to, engineering plans, as-built drawings, contractor agreements, and insurance records, in accordance with paragraph (1) e., below.

d. To furnish COUNTY with information on all contract change orders for SYSTEM and obtain COUNTY'S prior approval of all such contract change orders, subject to paragraph (2) c., below.

e. To ensure that COUNTY and all officers and employees of COUNTY are named as additional insured parties under Contractor's General Liability and automobile insurance policies for any vendor(s) utilized by CITY for procurement of SYSTEM.

f. To furnish COUNTY, within one hundred twenty (120) calendar days after final acceptance of SYSTEM and not later than sixty (60) calendar days prior to the funding lapsing date of the Metro grant funds, a final accounting of the actual total SYSTEM costs, including an itemization of actual unit costs and actual contract quantities; and all labor, equipment, material, consultant services, indirect, and miscellaneous costs; and other administrative and overhead costs required for CITY'S performance as specified in paragraph (1) c., above.

g. To submit an invoice to COUNTY in a not-to-exceed amount of Two Hundred Eighty-Three Thousand Four Hundred and 00/100 Dollars ($283,400) which includes COUNTY'S share of SYSTEM minus CITY'S share of COMMUNICATIONS within 30 days of the adoption of this AGREEMENT by COUNTY, subject to paragraph (3) h., below.

h. To obtain and grant to COUNTY any necessary temporary right of way within CITY for installation of COMMUNICATIONS at no cost to COUNTY.

i. To issue COUNTY a no-fee permit (s) authorizing COUNTY to install COMMUNICATIONS within CITY highway right of way.

j. Upon completion of PROJECT: 1) to accept full, complete, and sole ownership of, and responsibility for, operations and maintenance of, the PROJECT; and 2) to be solely responsible to maintain in good condition and at CITY expense all improvements constructed as part of PROJECT.

k. To act as Lead Agency, prepare the necessary environmental documents, and make the required environmental findings for SYSTEM pursuant to the California Environmental Quality Act.

l. To return to COUNTY and portion of such aid which is not thus used pursuant to California Streets and Highways Code Section 1684 and paragraph 3 (c)., hereinbelow.

(2) COUNTY AGREES:

a. To secure and obtain Metro grant funds to be used to finance the cost of SYSTEM and COUNTY COMMUNICATIONS.

b. To deposit with CITY, following execution of this AGREEMENT and upon submittal of an invoice by CITY pursuant to paragraph (1) g. above, Two Hundred Eighty Three Thousand Four Hundred and 00/100 Dollars ($283,400), which represents COUNTY'S share of SYSTEM minus CITY'S share of COMMUNICATIONS, by utilizing Metro grant funds and COUNTY matching funds subject to paragraph (3) h., below. The actual cost of PROJECT is to be determined by a final accounting of PROJECT cost.

c. To review bids, the proposed award amount for PROJECT, and any change orders for PROJECT and provide written approval, or other response, within twenty (20) calendar days of presentation by CITY. COUNTY'S approval may not be withheld unreasonably. If COUNTY'S response is not received within said twenty (20) calendar days, CITY may proceed with PROJECT or change orders.

d. To authorize CITY to represent COUNTY in all negotiations pertaining to the advertisement of SYSTEM for bids, award, and administration of the contract, and in all things necessary and proper to complete SYSTEM.

e. To administer the installation of COMMUNICATIONS in accordance with all regulations and requirements of Metro relating to the expenditure of Proposition C Local Return funds and Proposition C Twenty-five Percent (25%) Discretionary funds and Memorandum of Understanding Number 494-246-4-115-95/P002356A between COUNTY and Metro.

f. To ensure that CITY and all officers and employees of CITY are named as additional insured parties under the construction Contractor's General Liability and automobile insurance policies for any vendor(s) utilized by County and City in connection with PROJECT.

(3) IT IS MUTUALLY UNDERSTOOD AND AGREED AS FOLLOWS:

a. COUNTY'S contribution shall only pay for those eligible items of work included in the Metro's Bus Speed Improvements Program guidelines.

b. The cost of SYSTEM, as referred to in this AGREEMENT, shall consist of the costs of procurement, and the Traffic Signal Control System software and hardware and system installation, integration and acceptance testing, and all other work and materials necessary to complete SYSTEM in accordance with the approved conceptual plan and shall include currently effective percentages added to total salaries, wages, and equipment costs to cover overhead, administration, and depreciation in connection with any or all of the aforementioned items.

c. The cost of PROCUREMENT, as referred to in this AGREEMENT, shall consist of all necessary work prior to advertising of SYSTEM for bids and shall include currently effective percentages added to total salaries, wages, and equipment costs to cover overhead, administration, and depreciation in connection with any and all of the aforementioned items.

d. Within 60 days of completion of SYSTEM, CITY shall transmit a final accounting to COUNTY. If net cost of SYSTEM, based upon the final accounting of said items, is less than COUNTY'S payments, as set forth in paragraph (2) b., above, CITY shall refund the difference to COUNTY within 90 calendar days of CITY'S transmittal of final accounting to COUNTY.

e. During implementation of SYSTEM, CITY shall furnish an inspector or other representative to perform the functions of an inspector. COUNTY may also furnish, at no cost to CITY, a Consultant or other representative to assist in the integration of SYSTEM. COUNTY shall have no obligation to inspect SYSTEM and no liability shall be attributable to the COUNTY as a result of COUNTY'S inspection or failure to inspect. Said consultant(s) and inspectors shall cooperate and consult with each other, but the orders of CITY inspector to the contractor or any other person in charge of construction shall prevail

and be final, and the CITY inspector shall be responsible for the proper inspection of SYSTEM as needed.

f. During installation of COMMUNICATIONS, COUNTY shall furnish an inspector or other representative to perform the functions of an inspector. CITY may also furnish, at no cost to COUNTY, an inspector or other representative to inspect installation of COMMUNICATIONS. CITY shall have no obligation to inspect the COMMUNICATIONS during installation of COMMUNICATIONS and no liability shall be attributable as a result of CITY'S inspection or failure to inspect during installation of COMMUNICATIONS. Said consultant(s) and inspectors shall cooperate and consult with each other, but the orders of COUNTY inspector to the contractor or any other person in charge of construction shall prevail and be final, and COUNTY inspector shall be responsible for the proper inspection of COMMUNICATIONS as needed.

g. COUNTY shall not be liable for any costs for SYSTEM that does not conform to the regulations and requirements of Metro, as referred to in paragraph (1) c., above.

h. The financial obligations of COUNTY pursuant to this AGREEMENT are expressly conditioned upon COUNTY obtaining reimbursement from the Metro pursuant to Memorandum of Understanding Number 494-246-4-115-95/P002356A between COUNTY and Metro.

i. This AGREEMENT may be amended or modified only by mutual written consent of COUNTY and CITY. Amendments and modifications of a non-material nature may be made by the mutual written consent of the parties.

j. Any correspondence, communication, or contact concerning this AGREEMENT shall be directed to the following:

CITY : City Engineer
City Of Redondo Beach
415 Diamond Street
Redondo Beach, CA 90277-0270
Fax (310) 374-4828

COUNTY: Ms. Gail Farber
Director of Public Works
County of Los Angeles
Department of Public Works
P.O. Box 1460
Alhambra, CA 91802-1460

k. Neither COUNTY nor any officer or employee of COUNTY shall be responsible for any damage or liability occurring by reason of any act or omission on the part of CITY under or in connection with any work, authority, or jurisdiction delegated to, assumed by, or determined to be the responsibility of CITY under this AGREEMENT. It is also understood and agreed that, pursuant to Government Code, Section 895.4, CITY shall fully indemnify, defend, and hold COUNTY harmless from any liability imposed for injury (as defined by Government Code, Section 810.8) occurring by reason of any act or omission on the part of CITY under or in connection with any work, authority, or jurisdiction delegated to or determined to be the responsibility of CITY under this AGREEMENT.

l. Neither CITY nor any officer or employee of CITY shall be responsible for any damage or liability occurring by reason of any act or omission on the part of COUNTY under or in connection with any work, authority, or jurisdiction delegated to or determined to be the responsibility of COUNTY under this AGREEMENT. It is also understood and agreed that, pursuant to Government Code Section 895.4, COUNTY shall fully indemnify, defend, and hold CITY harmless from any liability imposed for injury (as defined by Government Code, Section 810.8) occurring by reason of any act or omission on the part of COUNTY under or in connection with any work, authority, or jurisdiction delegated to or determined to be the responsibility of COUNTY under this AGREEMENT.

m. It is understood and agreed that the provisions of Assumption of Liability Agreement No. 34563 between CITY and COUNTY, adopted by the Board of Supervisors on April 24, 1979, and currently in effect, are inapplicable to this AGREEMENT.

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IN WITNESS WHEREOF, the parties hereto have caused this AGREEMENT to be executed by their respective officers, duly authorized, by the CITY OF REDONDO BEACH on _____, 2009, and by the COUNTY OF LOS ANGELES on _____, 2009.

ATTEST:

SACHI A. HAMAI
Executive Officer of the
Board of Supervisors of
the County of Los Angeles

COUNTY OF LOS ANGELES

By_____
Director of Public Works

APPROVED AS TO FORM:

ROBERT E. KALUNIAN
Acting County Counsel

By_____
Deputy

CITY OF REDONDO BEACH
A Municipal Corporation

By_____
Mike Gin, Mayor

ATTEST:

By_____
Eleanor Manzano, City Clerk

APPROVED AS TO FORM:

By_____
Michael W. Webb, City Attorney

Attachments: A – System Deliverables and Payments
B – Communications

Attachment A

City of Redondo Beach SYSTEM DELIVERABLES AND PAYMENTS

Project Costs per Task/Deliverable

Task/Deliverable	City Cost	County Cost	Total Cost
1. System Installation, Integration, Training		$148,200	$148,200
2. Field Modifications and Hardware & Installation (Controller Upgrades)	$259,259	$91,777	$351,036
3. Central Hardware (Servers & Workstations)		$45,400	$45,400
SUBTOTAL	$259,259	$285,377	$544,636
Four Year Software Maintenance Agreement		$60,800	$60,800
TOTAL COST	$259,259	$346,177	$605,436
CONTINGENCIES	$13,007	$17,271	$30,278
SALES TAX (9.25%)	$20,864	$24,122	$44,986
GRAND TOTAL	**$293,130**	**$387,570**	**$680,700**

Attachment B

CITY OF REDONDO BEACH COMMUNICATIONS

SIGNAL ID	MAIN STREET	CROSS STREET 1	CROSS STREET 2	City Funded	City Funded (Cost)	County Funded	County Funded (Cost)
6	ANZA AVE	LILIENTHAL LN	190TH ST			X	$ 10,417
7	INGLEWOOD AVE	190TH ST				X	$ 10,417
8	ANITA ST	HARKNESS LN				X	$ 10,417
9	190TH ST	RINDGE LN				X	$ 10,417
10	190TH ST	MEYER LN	ENTRADERO AVE			X	$ 10,417
11	190TH ST	MARY ANN DR				X	$ 10,417
12	AVIATION BLVD	SPACE PARK DR				X	$ 10,417
13	AVIATION BLVD	FORD AVE				X	$ 10,417
14	AVIATION BLVD	GRANT AVE	ORMOND LN			X	$ 10,417
26	MARINE AVE	HINDRY AVE	TOMBOY'S			X	$ 10,417
31	INGLEWOOD AVE	GRANT AVE				X	$ 10,417
40	INGLEWOOD AVE	182ND ST				X	$ 10,417
41	INGLEWOOD AVE	RALSTON LN				X	$ 10,417
42	MANHATTAN BEACH BLVD	DOOLITTLE DR				X	$ 10,417
43	MANHATTAN BEACH BLVD	VAIL AVE	REDONDO BEACH AVE			X	$ 10,417
44	MANHATTAN BEACH BLVD	DOW AVE				X	$ 10,417
45	MANHATTAN BEACH BLVD	RINDGE LN				X	$ 10,417
47	ANITA ST	PROSPECT AVE N				X	$ 10,417
53	PROSPECT AVE S	TORRANCE BLVD				X	$ 10,417
58	CAMINO REAL	HELBERTA AVE S	TORRANCE BLVD			X	$ 10,417
59	TORRANCE BLVD	FRANCISCA AVE S				X	$ 10,417
18	CATALINA AVE N	BERYL ST		X	$ 10,417		
19	CATALINA AVE N	CARNELIAN ST		X	$ 10,417		
20	CATALINA AVE N	DIAMOND ST		X	$ 10,417		
21	CATALINA AVE N	EMERALD ST		X	$ 10,417		
22	CATALINA AVE S	GARNET ST		X	$ 10,417		
23	CATALINA AVE S	TORRANCE BLVD				X	$ 10,417
24	CATALINA AVE S	ESPLANADE	PEARL ST	X	$ 10,417		
25	CATALINA AVE N	GERTRUDA AVE N		X	$ 10,417		
36	HARBOR DR N	BERYL ST	PORTOFINO WAY	X	$ 10,417		
37	HARBOR DR N	MARINA WAY		X	$ 10,417		
~~38~~	~~HARBOR DR N~~	~~YACHT CLUB WAY~~					
39	HARBOR DR N	HERONDO ST	HERMOSA AVE	X	$ 10,417		
			Total Cost	**10**	**$104,170**	**22**	**$229,174**

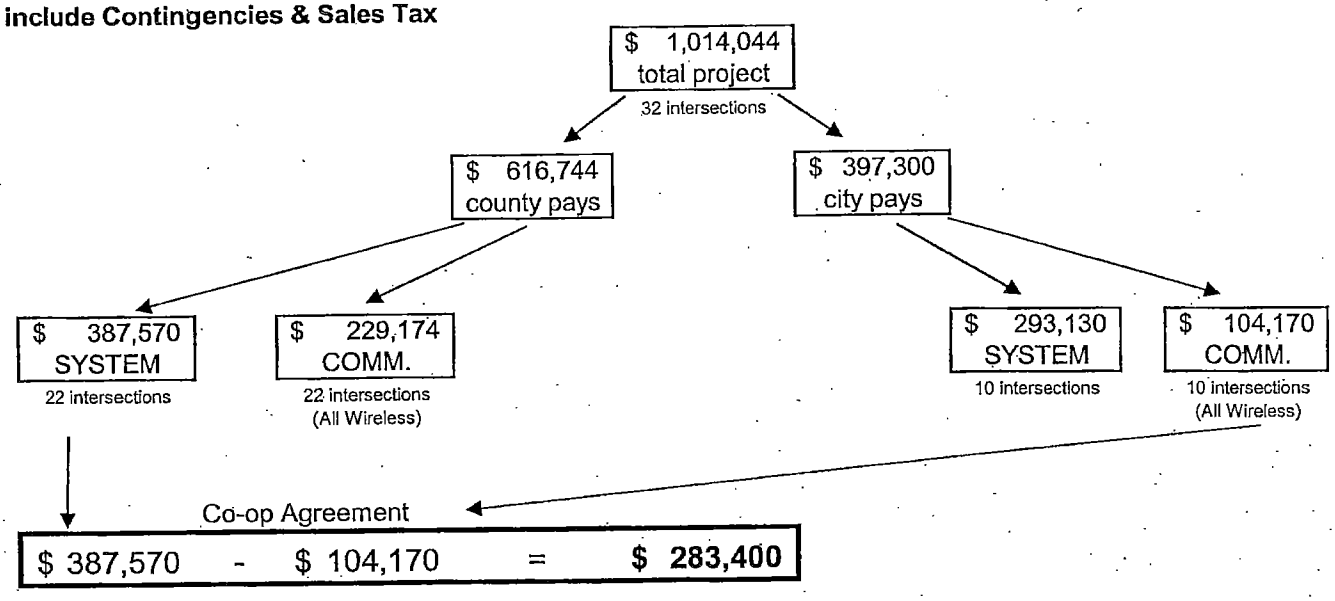
GRAND TOTAL **$333,344**

EXHIBIT A

Summary of Cost for City of Redondo Beach TCS & Communications

	SYSTEM* (from Econolite)	COMMUNICATIONS (from Systems Integrated)	
COUNTY Includes Central System Hardware, Servers & Workstations ($45,400)	$ 387,570	$ 229,174	$ 616,744
REDONDO BEACH Includes Synchro Module ($11,000) and StrongPoint Components ($84,864)	$ 293,130	$ 104,170	$ 397,300
TOTAL	$ 680,700	$ 333,344	$ 1,014,044

*** Prices include Contingencies & Sales Tax**



<u>System</u> Cost cover 32 intersection UPGRADES
<u>Communications</u> Cost cover 32 intersections