

Robert E. Shannon
City Attorney of Long Beach
333 West Ocean Boulevard
Long Beach, California 90802-4664
Telephone (562) 570-2200

CONTRACT

29582

THIS CONTRACT is made and entered, in duplicate, as of November 7, 2005 for reference purposes only, pursuant to a minute order adopted by the City Council of the City of Long Beach at its meeting held on April 4, 2006, by and between Terno, INC., a California corporation, whose address is 15701 Heron Avenue, La Mirada, California 90638 ("Contractor"), and the CITY OF LONG BEACH, a municipal corporation ("City").

WHEREAS, pursuant to a "Notice Inviting Bids for the Long Beach Boulevard Traffic Signal Synchronization Project in the City of Long Beach, California," dated January 25, 2006, and published by the City, bids were received, publicly opened and declared on the date specified in said Notice; and

WHEREAS, the City Manager accepted the bid of the Contractor; and

WHEREAS, the City Council authorized the City Manager to enter a contract with Contractor for the work described in Plans & Specifications No. R-6677;

NOW, THEREFORE, in consideration of the mutual terms and conditions herein, the parties agree as follows:

1. SCOPE OF WORK. Contractor shall furnish all necessary labor, supervision, tools, materials, supplies, appliances, equipment, and transportation for the work described in "Plans & Specifications No. R-6677 for the Long Beach Boulevard Traffic Signal Synchronization Project in the City of Long Beach, California," said work to be performed according to the Contract Documents identified below. However, this Contract is intended to provide to the City complete and finished work and, to that end, Contractor shall do everything necessary to complete the work, whether or not specifically described in the Contract Documents.

2. PRICE AND PAYMENT. City shall pay to Contractor the amount(s) for materials and work identified in Contractor's "Bid for the Long Beach Boulevard Traffic Signal Synchronization Project in the City of Long Beach, California," attached hereto as Exhibit "A".

1 Exhibit "A".

2 Contractor shall submit requests for progress payments and City will make
3 payments in due course of payments in accordance with Section 9 of the Standard
4 Specifications for Public Works Construction (latest edition).

5 3. CONTRACT DOCUMENTS. The Contract Documents include: The
6 Notice Inviting Bids, Plans & Specifications No. R-6677 (which may include by reference
7 the Standard Specifications for Public Works Construction, latest edition, and any
8 supplements thereto, collectively the "Standard Specifications"); the City of Long Beach
9 Standard Plans; Plans and Drawings No. C-5641 for this work; the California Code of
10 Regulations; the various Uniform Codes applicable to trades; the prevailing wage rates;
11 Instructions to Bidders; the Bid; the bid security; the City of Long Beach Disadvantaged,
12 Minority and Women-owned Business Enterprise Program; this Contract and all documents
13 attached hereto or referenced herein including but not limited to insurance; Bond for
14 Faithful Performance; Payment Bond; Notice to Proceed; Notice of Completion; any
15 addenda or change orders issued in accordance with the Standard Specifications; any
16 permits required and issued for the work; approved final design drawings and documents;
17 and the Information Sheet. These Contract Documents are incorporated herein by the
18 above reference and form a part of this Contract.

19 Notwithstanding Section 2-5.2 of the Standard Specifications, if any conflict
20 or inconsistency exists or develops among or between Contract Documents, the following
21 priority shall govern: 1) Change Orders; 2) this Contract; 3) Permit(s) from other public
22 agencies; 4) Plans & Specifications No. R-6677; 5) Addenda; 6) Plans and Drawings No.
23 C-5641; 7) the City of Long Beach Standard Plans; 8) Standard Specifications; 9) other
24 reference specifications; 10) other reference plans; 11) the bid; and 12) the Notice Inviting
25 Bids.

26 4. TIME FOR CONTRACT. Contractor shall commence work on a date
27 to be specified in a written "Notice to Proceed" from the City and shall complete all work
28 within one hundred twenty (120) working days thereafter, subject to strikes, lockouts and

1 events beyond the control of Contractor. Time is of the essence hereunder. City will suffer
2 damage if the work is not completed within the time stated, but those damages would be
3 difficult or impractical to determine. So, Contractor shall pay to City, as liquidated
4 damages, the amount stated in the Contract Documents.

5 5. ACCEPTANCE OF WORK NOT TO CONSTITUTE A WAIVER. The
6 acceptance of any work or the payment of any money by the City shall not operate as a
7 waiver of any provision of any Contract Document, of any power reserved to the City, or
8 of any right to damages or indemnity hereunder. The waiver of any breach or any default
9 hereunder shall not be deemed a waiver of any other or subsequent breach or default.

10 6. WORKERS' COMPENSATION CERTIFICATION. Concurrently
11 herewith, Contractor shall submit certification of Workers' Compensation coverage in
12 accordance with California Labor Code Sections 1860 and 3700, a copy of which is
13 attached hereto as Exhibit "B".

14 7. CLAIMS FOR EXTRA WORK. No claim shall be made at any time
15 upon the City by Contractor for and on account of any extra or additional work performed
16 or materials furnished, unless such extra or additional work or materials shall have been
17 expressly required by the City Manager and the quantities and price thereof shall have
18 been first agreed upon, in writing, by the parties hereto.

19 8. CLAIMS. Contractor shall, upon completion of the work, deliver
20 possession thereof to the City ready for use and free and discharged from all claims for
21 labor and materials in doing the work and shall assume and be responsible for, and shall
22 protect, defend, indemnify and hold harmless the City from and against any and all claims,
23 demands, causes of action, liability, loss, costs or expenses for injuries to or death of
24 persons, or damages to property, including property of the City, which arises from or is
25 connected with the performance of the work.

26 9. INSURANCE. Prior to commencement of work, and as a condition
27 precedent to the effectiveness of this Contract, Contractor shall provide to the City
28 evidence of all insurance required in the Contract Documents.

1 In addition, Contractor shall complete and deliver to the City the form
2 ("Information Sheet") attached as Exhibit "C" and incorporated by reference, to comply with
3 Labor Code Section 2810.

4 10. WORK DAY. Contractor shall comply with Sections 1810
5 through 1815 of the California Labor Code regarding hours of work. Contractor shall
6 forfeit, as a penalty to the City, the sum of Twenty-five Dollars (\$25) for each worker
7 employed by Contractor or any subcontractor for each calendar day such worker is
8 required or permitted to work more than eight (8) hours unless that worker receives
9 compensation in accordance with Section 1815.

10 11. PREVAILING WAGE RATES. Contractor is directed to the prevailing
11 wage rates. Contractor shall forfeit, as a penalty to the City, Fifty Dollars (\$50) for each
12 laborer, worker or mechanic employed for each calendar day, or portion thereof, that such
13 laborer, worker or mechanic is paid less than the prevailing wage rates for any work done
14 by Contractor, or any subcontractor, under this Contract.

15 12. COORDINATION WITH GOVERNMENTAL REGULATIONS. If the
16 work is terminated pursuant to an order of any Federal or State authority, Contractor shall
17 accept as full and complete compensation under this Contract such amount of money as
18 will equal the product of multiplying the Contract price stated herein by the percentage of
19 work completed by Contractor as of the date of such termination, and for which Contractor
20 has not been paid. If the work is so terminated, the City Engineer, after consultation with
21 Contractor, shall determine the percentage of work completed and the determination of the
22 City Engineer shall be final.

23 If Contractor is prevented, in any manner, from strict compliance with the
24 Plans and Specifications due to any Federal or State law, rule, or regulation, in addition to
25 all other rights and remedies reserved to the parties City may by resolution of the City
26 Council suspend performance hereunder until the cause of disability is removed, extend
27 the time for performance, make changes in the character of the work or materials, or
28 terminate this Contract without liability to either party.

1 13. NOTICES. A. Any notice required hereunder shall be in writing and
2 personally delivered or deposited in the U.S. Postal Service, first class, postage prepaid,
3 to Contractor at the address first stated herein, and to the City at 333 West Ocean
4 Boulevard, Long Beach, California 90802, Attn: City Manager. Notice of change of address
5 shall be given in the same manner as stated herein for other notices. Notice shall be
6 deemed given on the date deposited in the mail or on the date personal delivery is made,
7 whichever first occurs.

8 B. Except for stop notices and claims made under the Labor Code, the City
9 will notify Contractor when the City receives any third party claims relating to this Contract
10 in accordance with Section 9201 of the Public Contract Code.

11 14. BONDS. Contractor shall, simultaneously with the execution of this
12 Contract, execute and deliver to the City a good and sufficient corporate surety bond, in
13 the form attached hereto and in the amount specified therein, conditioned upon the faithful
14 performance of this Contract by Contractor, and a good and sufficient corporate surety
15 bond, in the form attached hereto and in the amount specified therein, conditioned upon
16 the payment of all labor and material claims incurred in connection with this Contract.

17 15. COVENANT AGAINST ASSIGNMENT. Neither this Contract nor any
18 of the moneys that may become due Contractor hereunder may be assigned by Contractor
19 without the written consent of the City first had and obtained, nor will the City recognize any
20 subcontractor as such, and all persons engaged in the work of construction will be
21 considered as independent contractors or agents of the Contractor and will be held directly
22 responsible to Contractor.

23 16. CERTIFIED PAYROLL RECORDS. Contractor shall keep and cause
24 each subcontractor to keep an accurate payroll record in accordance with Division 2,
25 Part 7, Article 2 of the California Labor Code. Contractor's failure to furnish such record
26 to City in the manner provided herein for notices shall entitle City to withhold the penalty
27 prescribed by law from progress payments due to Contractor.

28 17. RESPONSIBILITY OF CONTRACTOR. Notwithstanding anything to

1 the contrary in the Standard Specifications, Contractor shall have the responsibility, care
2 and custody of the work. If any loss or damage occurs to the work that is not covered by
3 collectible commercial insurance, excluding loss or damage caused by the negligence or
4 willful misconduct of City, earthquake, or flood, then Contractor shall immediately make the
5 City whole for any such loss or pay for any damage. If Contractor fails or refuses to make
6 the City whole or pay, then City may do so and the cost and expense of doing so shall be
7 deducted from the amount due Contractor from City hereunder.

8 18. CONTINUATION. Termination or expiration of this Contract shall not
9 terminate the rights or liabilities of either party which rights or liabilities accrued or existed
10 prior to termination or expiration of this Contract.

11 19. TAXES AND TAX REPORTING. A. As required by federal and state
12 law, City is obligated to report the payment of compensation to Contractor on
13 Form 1099-Misc. and Contractor acknowledges that Contractor is not entitled to payment
14 under this Contract until it has provided its Employer's Identification Number to the City.
15 Contractor shall be solely responsible for payment of all federal and state taxes resulting
16 from payments under this Contract.

17 B. Contractor shall cooperate with the City in all matters relating to taxation
18 and the collection of taxes, particularly with respect to the self-accrual of use tax.
19 Contractor shall cooperate as follows: (i) for all leases and purchases of materials,
20 equipment, supplies, or other tangible personal property totaling over \$100,000 shipped
21 from outside California, a qualified Contractor shall complete and submit to the appropriate
22 governmental entity the form in Appendix "A" attached hereto; and (ii) for construction
23 contracts and subcontracts totaling \$5,000,000 or more, Contractor shall obtain a
24 sub-permit from the California Board of Equalization for the Work site. "Qualified" means
25 that the Contractor purchased at least \$500,000 in tangible personal property that was
26 subject to sales or use tax in the previous calendar year.

27 In completing the form and obtaining the permit(s), Contractor shall use the
28 address of the Work site as its business address and may use any address for its mailing

1 address. Copies of the form and permit(s) shall also be delivered to the City Engineer.
2 The form must be submitted and the permit(s) obtained as soon as Contractor receives a
3 Notice to Proceed. Contractor shall not order any materials or equipment over \$100,000
4 from vendors outside California until the form is submitted and the permit(s) obtained and,
5 if Contractor does so, it shall be a material breach of this Contract. In addition, Contractor
6 shall make all purchases from the Long Beach sales office of its vendors if those vendors
7 have a Long Beach office and all purchases made by Contractor under this Contract which
8 are subject to use tax of \$500,000 or more shall be allocated to the City of Long Beach.
9 Contractor shall require the same form and permit(s) from its subcontractors.

10 Contractor shall not be entitled to and by signing this Contract waives any
11 claim or damages for delay against City if Contractor does not timely submit these forms
12 to the appropriate governmental entity. Contractor may contact the City Controller
13 at (562) 570-6450 for assistance with the form.

14 20. ADVERTISING. Contractor shall not use the name of City, its officials,
15 or employees in any advertising or solicitation for business, nor as a reference, without the
16 prior approval of the City Manager, City Engineer, or designee.

17 21. AUDIT. If payment of any part of the consideration for this Contract
18 is made with federal, state, or county funds and a condition to the use of those funds by
19 City is a requirement that the City render an accounting or otherwise account for said
20 funds, then City shall have the right at all reasonable times to examine, audit, inspect,
21 review, extract information from, and copy all books, records, accounts, and other
22 information relating to this Contract.

23 22. NO PECULIAR RISK. Contractor acknowledges and agrees that the
24 work to be performed hereunder does not constitute a peculiar risk of bodily harm and that
25 no special precautions are required to perform said work.

26 23. THIRD PARTY BENEFICIARY. This Contract is intended by the
27 parties to benefit themselves only and is not in any way intended or designed to or entered
28 for the purpose of creating any benefit or right of any kind for any person or entity that is

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1 not a party to this Contract.

2 24. SUBCONTRACTORS. Contractor agrees to and shall bind every
3 subcontractor to the terms of this Contract provided, however, that nothing herein shall
4 create any obligation on the part of City to pay any subcontractor except in accordance
5 with a court order in an action to foreclose a stop notice. Failure of Contractor to comply
6 with this Section shall be deemed a material breach of this Contract. A list of
7 subcontractor(s) submitted by Contractor in compliance with Public Contract Code
8 Sections 4100 et seq. is attached hereto as Exhibit "D" and incorporated herein by this
9 reference.

10 25. NO DUTY TO INSPECT. No language in this Contract shall create
11 and City shall not have any duty to inspect, correct, warn of, or investigate any condition
12 arising from Contractor's work hereunder, or to insure compliance with laws, rules or
13 regulations relating to said work. If City does inspect or investigate, the results thereof
14 shall not be deemed compliance with or a waiver of any requirements of the Contract
15 Documents.

16 26. GOVERNING LAW. This Contract shall be governed by and
17 construed pursuant to the laws of the State of California (except those provisions of
18 California law pertaining to conflicts of laws).

19 27. INTEGRATION. This Contract, including the Contract Documents
20 identified in Section 3 hereof, constitutes the entire understanding between the parties and
21 supersedes all other agreements, oral or written, with respect to the subject matter herein.

22 28. COSTS. If there is any legal proceeding between the parties to
23 enforce or interpret this Contract or to protect or establish any rights or remedies
24 hereunder, the prevailing party shall be entitled to its costs and expenses, including
25 reasonable attorney's fees.

26 29. NONDISCRIMINATION. In connection with performance of this
27 Contract and subject to federal laws, rules and regulations, Contractor shall not
28 discriminate in employment or in the performance of this Contract on the basis of race,

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1 religion, national origin, color, age, sex, sexual orientation, AIDS, HIV status, handicap, or
2 disability. It is the policy of the City to encourage the participation of Disadvantaged,
3 Minority and Women-owned Business Enterprises and the City encourages Contractor to
4 use its best efforts to carry out this policy in the award of all subcontracts.

5 30. DEFAULT. Default shall include but not be limited to Contractor's
6 failure to perform in accordance with the Plans and Specifications, failure to comply with
7 any Contract Document, failure to pay any penalties, fines or charges assessed against
8 the Contractor by any public agency, failure to pay any charges or fees for services
9 performed by the City, and if Contractor has substituted any security in lieu of retention,
10 then default shall also include City's receipt of a stop notice. If default occurs and
11 Contractor has substituted any security in lieu of retention, then in addition to City's other
12 legal remedies, City shall have the right to draw on the security in accordance with Public
13 Contract Code Section 22300 and without further notice to Contractor. If default occurs
14 and Contractor has not substituted any security in lieu of retention, then City shall have all
15 legal remedies available to it.

16 IN WITNESS WHEREOF, the parties have caused this document to be duly

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executed with all formalities required by law as of the date first stated above.

TERNO, INC., a California corporation

3-15-, 2006

By [Signature]
President

TIMOTHY J. ERNO
(Type or Print Name)

3-15-, 2006

By [Signature]
Asst. Secretary

Paul C. Roberts
(Type or Print Name)

"Contractor"

CITY OF LONG BEACH, a municipal corporation

4.26, 2006

By [Signature]
City Manager

"City"

This Contract is approved as to form on 4/17, 2006.

ROBERT E. SHANNON, City Attorney

By [Signature]
Senior Deputy

Exhibit "A"

BIDDER'S NAME Terno, Inc

BID FOR

LONG BEACH BOULEVARD TRAFFIC SIGNAL SYNCHRONIZATION PROJECT
IN THE CITY OF LONG BEACH, CALIFORNIA

In accordance with the Notice Inviting Bids for the above titled work in the City of Long Beach, California, a copy of which is attached hereto and is made a part hereof, to be opened on January 25th, 2006 at 10:00 a.m., we offer to furnish all necessary labor, tools, materials, appliances and equipment for and perform all work mentioned in said Notice Inviting Bids, in full compliance with Plans & Specifications No. R-6677 at the following prices:

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
NEW TRAFFIC SIGNAL					
1.	Long Beach Blvd. at 51 st St.	1	LS	\$ <u> </u>	\$ <u>165,264.00</u>
TRAFFIC SIGNAL UPGRADE LONG BEACH BLVD. AT GREENLEAF BLVD.					
2.	Remove and salvage existing Large pole and foundation	3	EA	\$ <u>1,454.00</u>	\$ <u>4,362.00</u>
3.	Remove and salvage existing Small pole and foundation	2	EA	\$ <u>1,155.00</u>	\$ <u>2,310.00</u>
4.	Furnish and install type 1A standard and construct foundation	3	EA	\$ <u>1,520.00</u>	\$ <u>4,560.00</u>
5.	Furnish and install type 15 standard with mast arms and construct foundation	1	EA	\$ <u>3,617.00</u>	\$ <u>3,617.00</u>
6.	Furnish and install type 19 standard with mast arms and construct foundation	2	EA	\$ <u>7,941.00</u>	\$ <u>15,882.00</u>
7.	Furnish and install 3" conduit	290	LF	\$ <u>81.70</u>	\$ <u>23,693.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/GREENLEAF BLVD. (cont.)**

8.	Furnish and install 2" Conduit	500	LF	\$ <u>46.50</u>	\$ <u>23,250.00</u>
9.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.00</u>	\$ <u>1,798.00</u>
10.	Furnish and install no. 6 Pull box (24 inches deep)	6	EA	\$ <u>1,393.00</u>	\$ <u>8,358.00</u>
11.	Furnish and install 12" 3-section vehicle head (MAS)	2	EA	\$ <u>780.00</u>	\$ <u>1,560.00</u>
12.	Furnish and Install 12" 3-section vehicle head with framework	8	EA	\$ <u>889.00</u>	\$ <u>7,112.00</u>
13.	Furnish and Install pedestrian signal head	8	EA	\$ <u>603.00</u>	\$ <u>4,824.00</u>
14.	Furnish and Install luminaire	3	EA	\$ <u>377.00</u>	\$ <u>1,131.00</u>
15.	Furnish and Install pedestrian pushbuttons	4	EA	\$ <u>228.00</u>	\$ <u>912.00</u>
16.	Furnish and Install Type E loop detectors	8	EA	\$ <u>492.00</u>	\$ <u>3,936.00</u>
17.	Furnish and Install mast-arm street name sign	2	EA	\$ <u>1,070.00</u>	\$ <u>2,140.00</u>
18.	Remove and salvage existing vehicle head	2	EA	\$ <u>199.00</u>	\$ <u>398.00</u>
19.	Relocate traffic sign	2	EA	\$ <u>180.00</u>	\$ <u>360.00</u>
20.	Remove existing unused Utility pole and foundation	2	EA	\$ <u>1,412.00</u>	\$ <u>2,824.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/GREENLEAF BLVD. (cont.)**

21.	Furnish temporary traffic signal pole	2	EA	\$ <u>4,141.⁰⁰</u>	\$ <u>8,282.⁰⁰</u>
22.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ <u> </u>	\$ <u>10,338.⁰⁰</u>
23.	Remove and salvage existing microwave radio communication equipment	1	LS	\$ <u> </u>	\$ <u>380.⁰⁰</u>
24.	Furnish and Install Auxiliary controller Cabinet equipment	1	LS	\$ <u> </u>	\$ <u>1,774.⁰⁰</u>
25.	Furnish and install traffic Signal and lighting cables And conductors	2	EA	\$ <u>7,036.⁰⁰</u>	\$ <u>14,072.⁰⁰</u>
26.	Relocate photoelectric Control	1	LS	\$ <u> </u>	\$ <u>380.⁰⁰</u>
27.	Furnish and install sign	2	EA	\$ <u>246.⁰⁰</u>	\$ <u>492.⁰⁰</u>
28.	Install thermoplastic Pavement markings	150	SF	\$ <u>8.⁰⁰</u>	\$ <u>1,200.⁰⁰</u>
29.	Maintain existing traffic signal system	1	LS	\$ <u> </u>	\$ <u>1,522.⁰⁰</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/69th ST.**

30.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,969.⁰⁰</u>	\$ <u>13,969.⁰⁰</u>
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ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/69th ST. (cont.)**

31.	Construct foundation and Furnish and install type IIBF Electrical service Cabinet	1	EA	\$ <u>4018.⁰⁰</u>	\$ <u>4018.⁰⁰</u>
32.	Remove and salvage existing Large pole and foundation	3	EA	\$ <u>1,454.⁰⁰</u>	\$ <u>4362.⁰⁰</u>
33.	Remove and salvage existing small pole and foundation	2	EA	\$ <u>1,151.⁰⁰</u>	\$ <u>2,302.⁰⁰</u>
34.	Furnish and install type 1A standard and construct foundation	3	EA	\$ <u>1,520.⁰⁰</u>	\$ <u>4,560.⁰⁰</u>
35.	Furnish and install type 19 standard with mast arms and construct foundation	2	EA	\$ <u>7,941.⁰⁰</u>	\$ <u>15,882.⁰⁰</u>
36.	Furnish and install 3" Conduit	45	LF	\$ <u>125.⁰⁰</u>	\$ <u>5,625.⁰⁰</u>
37.	Furnish and install 2" Conduit	530	LF	\$ <u>48.80</u>	\$ <u>25,864.⁰⁰</u>
38.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.⁰⁰</u>	\$ <u>1,798.⁰⁰</u>
39.	Furnish and install no. 6 Pull box (24 inches deep)	5	EA	\$ <u>1,393.⁰⁰</u>	\$ <u>6,965.⁰⁰</u>
40.	Furnish and install 12" 3-section vehicle head (MAS)	2	EA	\$ <u>780.⁰⁰</u>	\$ <u>1,560.⁰⁰</u>
41.	Furnish and Install 12" 3-section vehicle head with framework	8	EA	\$ <u>889.⁰⁰</u>	\$ <u>7,112.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE LONG BEACH BOULEVARD/69th ST. (cont.)					
42.	Furnish and Install pedestrian signal head	6	EA	\$ <u>603.⁰⁰</u>	\$ <u>3,618.⁰⁰</u>
43.	Furnish and Install luminaire	4	EA	\$ <u>377.⁰⁰</u>	\$ <u>1,508.⁰⁰</u>
44.	Furnish and Install pedestrian pushbuttons	2	EA	\$ <u>227.⁰⁰</u>	\$ <u>454.⁰⁰</u>
45.	Furnish and Install Type E loop detectors	7	EA	\$ <u>492.⁰⁰</u>	\$ <u>3,444.⁰⁰</u>
46.	Furnish and Install mast-arm street name sign	2	EA	\$ <u>1,070.⁰⁰</u>	\$ <u>2,140.⁰⁰</u>
47.	Furnish and install traffic Signal and lighting cables And conductors	2	EA	\$ <u>7,036.⁰⁰</u>	\$ <u>14,072.⁰⁰</u>
48.	Relocate photoelectric Control unit	1	LS	\$ <u>380.⁰⁰</u>	\$ <u>380.⁰⁰</u>
49.	Relocate existing street Light pull box	1	EA	\$ <u>2,289.⁰⁰</u>	\$ <u>2,289.⁰⁰</u>
50.	Remove and salvage existing 332 cabinet and foundation	1	EA	\$ <u>888.⁰⁰</u>	\$ <u>888.⁰⁰</u>
51.	Remove and salvage existing service cabinet and foundation	1	EA	\$ <u>698.⁰⁰</u>	\$ <u>698.⁰⁰</u>
52.	Furnish temporary traffic Signal controller cabinet assembly	1	LS	\$ <u>10,388.⁰⁰</u>	\$ <u>10,388.⁰⁰</u>
53.	Relocate sign	2	EA	\$ <u>86.⁰⁰</u>	\$ <u>172.⁰⁰</u>
54.	Install thermoplastic Pavement markings	30	SF	\$ <u>24.⁰⁰</u>	\$ <u>740.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/69th ST. (cont.)**

55.	Remove and salvage Existing microwave radio Equipment Complete	1	LS	\$ <u>300.⁰⁰</u>	\$ <u>300.⁰⁰</u>
56.	Furnish and install sign	4	EA	\$ <u>306.⁰⁰</u>	\$ <u>1,224.⁰⁰</u>
57.	Maintain existing traffic signal system	1	LS	\$ <u>1,522.⁰⁰</u>	\$ <u>1,522.⁰⁰</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ARTESIA BLVD.**

58.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>14,250.⁰⁰</u>	\$ <u>14,250.⁰⁰</u>
59.	Remove and salvage existing large pole and foundation	2	EA	\$ <u>1,454.⁰⁰</u>	\$ <u>2,908.⁰⁰</u>
60.	Remove and salvage existing small pole and foundation	4	EA	\$ <u>1,155.⁰⁰</u>	\$ <u>4,620.⁰⁰</u>
61.	Furnish and install type 1A standard and construct foundation	2	EA	\$ <u>1,520.⁰⁰</u>	\$ <u>3,040.⁰⁰</u>
62.	Furnish and install type 15 standard with mast arms and construct foundation	2	EA	\$ <u>3,617.⁰⁰</u>	\$ <u>7,234.⁰⁰</u>
63.	Furnish and install type 26A standard with mast arms and construct foundation	2	EA	\$ <u>11,381.⁰⁰</u>	\$ <u>22,762.⁰⁰</u>
64.	Furnish and install 3" Conduit	230	LF	\$ <u>83.90</u>	\$ <u>19,297.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ARTESIA BLVD. (cont.)**

65.	Furnish and install 2" Conduit	780	LF	\$ <u>48.00</u>	\$ <u>37,440.00</u>
66.	Furnish and install no. 5 Pull box	3	EA	\$ <u>899.00</u>	\$ <u>2,697.00</u>
67.	Furnish and install no. 6 Pull box (24 inches deep)	6	EA	\$ <u>1,393.00</u>	\$ <u>8,358.00</u>
68.	Furnish and install 12" 3-section vehicle head (MAS)	2	EA	\$ <u>780.00</u>	\$ <u>1,560.00</u>
69.	Furnish and Install 12" 3-section vehicle head with framework	9	EA	\$ <u>889.00</u>	\$ <u>8,001.00</u>
70.	Furnish and Install 12" 5-section vehicle head with framework	2	EA	\$ <u>1,230.00</u>	\$ <u>2,460.00</u>
71.	Furnish and Install pedestrian signal head	6	EA	\$ <u>603.00</u>	\$ <u>3,618.00</u>
72.	Furnish and Install luminaire	2	EA	\$ <u>376.00</u>	\$ <u>752.00</u>
73.	Furnish and Install pedestrian pushbuttons	8	EA	\$ <u>227.00</u>	\$ <u>1,816.00</u>
74.	Furnish and Install Type E loop detectors	22	EA	\$ <u>492.00</u>	\$ <u>10,824.00</u>
75.	Furnish and Install mast-arm street name sign	4	EA	\$ <u>1,069.00</u>	\$ <u>4,276.00</u>
76.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ARTESIA BLVD. (cont.)**

77.	Relocate photoelectric Control unit	1	LS	\$ <u>380.00</u>	\$ <u>380.00</u>
78.	Remove and salvage existing 332 cabinet and foundation	1	EA	\$ <u>888.00</u>	\$ <u>888.00</u>
79.	Furnish and install Emergency Vehicle Pre-emption equipment complete	1	LS	\$ <u>13,914.00</u>	\$ <u>13,914.00</u>
80.	Furnish temporary traffic Signal controller cabinet assembly	1	LS	\$ <u>10,387.00</u>	\$ <u>10,387.00</u>
81.	Relocate sign	8	EA	\$ <u>180.00</u>	\$ <u>1,440.00</u>
82.	Install thermoplastic Pavement markings	65	SF	\$ <u>10.00</u>	\$ <u>650.00</u>
83.	Remove and salvage existing Microwave communication Equipment complete	1	LS	\$ <u>380.00</u>	\$ <u>380.00</u>
84.	Furnish and install sign	3	EA	\$ <u>180.00</u>	\$ <u>540.00</u>
85.	Furnish and install sign And post	3	EA	\$ <u>246.00</u>	\$ <u>738.00</u>
86.	Maintain existing traffic signal system	1	LS	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/91 FWY. WESTBOUND RAMPS**

87.	Furnish and install 2" Conduit	150	LF	\$ <u>67.80</u>	\$ <u>10,170.00</u>
88.	Furnish and install no. 5 Pull box	4	EA	\$ <u>899.00</u>	\$ <u>889.00</u>

5,596.00 *JK*

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/91 FWY. WESTBOUND RAMPS (cont.)**

89.	Furnish and Install 12" 3-section vehicle head with framework	1	EA	\$ <u>889.00</u>	\$ <u>889.00</u>
90.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
91.	Furnish and Install pedestrian pushbuttons	4	EA	\$ <u>227.00</u>	\$ <u>908.00</u>
92.	Furnish and Install Type E loop detectors	6	EA	\$ <u>492.00</u>	\$ <u>2,952.00</u>
93.	Furnish and Install Auxiliary controller Cabinet equipment	1	LS	\$ <u>1,027.00</u>	\$ <u>1,027.00</u>
94.	Maintain existing traffic signal system	1	LS	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/BORT STREET**

95.	Construct foundation for type 332 controller cabinet	1	EA	\$ <u>3,206.00</u>	\$ <u>3,206.00</u>
96.	Construct foundation and Furnish and install type IIIBF Electrical service Cabinet	1	EA	\$ <u>4,018.00</u>	\$ <u>4,018.00</u>
97.	Furnish and install 3" Conduit	190	LF	\$ <u>80.90</u>	\$ <u>15,371.00</u>
98.	Furnish and install 2" Conduit	450	LF	\$ <u>48.20</u>	\$ <u>21,690.00</u>
99.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.00</u>	\$ <u>1,798.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/BORT STREET (cont.)**

100.	Furnish and install no. 6 Pull box (24 inches deep)	4	EA	\$ 1,393. ⁰⁰	\$ 5,572. ⁰⁰
101.	Furnish and Install 12" 3-section vehicle head with framework	2	EA	\$ 889. ⁰⁰	\$ 1,778. ⁰⁰
102.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ /	\$ 7,036. ⁰⁰
103.	Furnish and Install mast-arm street name sign	2	EA	\$ 1,070. ⁰⁰	\$ 2,140. ⁰⁰
104.	Remove and salvage Existing vehicle head	2	EA	\$ 199. ⁰⁰	\$ 398. ⁰⁰
105.	Furnish and Install Auxiliary controller Cabinet equipment	1	LS	\$ /	\$ 1,617. ⁰⁰
106.	Remove existing 332 cabinet foundation	1	LS	\$ /	\$ 851. ⁰⁰
107.	Remove and reinstall 332 Controller cabinet assembly And auxiliary equipment	1	LS	\$ /	\$ 1,843. ⁰⁰
108.	Maintain existing traffic signal system	1	LS	\$ /	\$ 1,522. ⁰⁰

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/710 FREEWAY SOUTHBOUND RAMPS**

109.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ 11,984. ⁰⁰	\$ 11,984. ⁰⁰
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ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/710 FREEWAY SOUTHBOUND RAMPS (cont.)

110.	Furnish and install type 1A standard and construct foundation	1	EA	\$ <u>1,520.⁰⁰</u>	\$ <u>1,520.⁰⁰</u>
111.	Furnish and install 3" Conduit	30	LF	\$ <u>115.⁰⁰</u>	\$ <u>3,450.⁰⁰</u>
112.	Furnish and install 2" Conduit	250	LF	\$ <u>55.90</u>	\$ <u>13,975.⁰⁰</u>
113.	Remove and salvage existing small pole and foundation	1	EA	\$ <u>1,155.⁰⁰</u>	\$ <u>1,155.⁰⁰</u>
114.	Remove and salvage existing 332 cabinet and foundation	1	EA	\$ <u>888.⁰⁰</u>	\$ <u>888.⁰⁰</u>
115.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.⁰⁰</u>	\$ <u>1,798.⁰⁰</u>
116.	Furnish and Install 12" 3-section vehicle head with framework	1	EA	\$ <u>889.⁰⁰</u>	\$ <u>889.⁰⁰</u>
117.	Furnish and Install pedestrian signal head	1	EA	\$ <u>603.⁰⁰</u>	\$ <u>603.⁰⁰</u>
118.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>/</u>	\$ <u>7,036.⁰⁰</u>
119.	Furnish and Install pedestrian pushbuttons	4	EA	\$ <u>227.⁰⁰</u>	\$ <u>908.⁰⁰</u>
120.	Furnish and Install Type E loop detectors	2	EA	\$ <u>492.⁰⁰</u>	\$ <u>984.⁰⁰</u>
121.	Furnish temporary traffic Signal controller cabinet assembly	1	LS	\$ <u>/</u>	\$ <u>10,388.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/710 FREEWAY SOUTHBOUND RAMPS (cont.)

122.	Install thermoplastic Pavement markings	90	SF	\$ <u>8.00</u>	\$ <u>720.00</u>
123.	Furnish and install video Detection system complete	1	LS	\$ <u> </u>	\$ <u>8,266.00</u>
124.	Maintain existing traffic signal system	1	LS	\$ <u> </u>	\$ <u>1,522.00</u>

TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/710 FREEWAY NORTHBOUND RAMPS

125.	Furnish and install video Detection system complete	1	LS	\$ <u> </u>	\$ <u>8,266.00</u>
126.	Furnish and Install pedestrian pushbuttons	4	EA	\$ <u>227.00</u>	\$ <u>908.00</u>
127.	Maintain existing traffic signal system	1	LS	\$ <u> </u>	\$ <u>1,522.00</u>

TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/ELLIS STREET

128.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,688.00</u>	\$ <u>13,688.00</u>
129.	Construct foundation and Furnish and install type IIIBF Electrical service Cabinet	1	EA	\$ <u>4,018.00</u>	\$ <u>4,018.00</u>
130.	Remove and salvage existing large pole and foundation	1	EA	\$ <u>1,454.00</u>	\$ <u>1,454.00</u>
131.	Furnish and install type 1A standard and construct foundation	1	EA	\$ <u>1,520.00</u>	\$ <u>1,520.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ELLIS STREET (cont.)**

132.	Furnish and install type 19 standard with mast arms and construct foundation	1	EA	\$ <u>7,941.00</u>	\$ <u>7,941.00</u>
133.	Furnish and install 3" Conduit	220	LF	\$ <u>65.50</u>	\$ <u>14,410.00</u>
134.	Furnish and install 2" Conduit	430	LF	\$ <u>52.30</u>	\$ <u>22,489.00</u>
135.	Remove and salvage Existing vehicle head	3	EA	\$ <u>199.00</u>	\$ <u>597.00</u>
136.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.00</u>	\$ <u>1,798.00</u>
137.	Furnish and install no. 6 Pull box (24 inches deep)	7	EA	\$ <u>1,393.00</u>	\$ <u>9,751.00</u>
138.	Furnish and Install 12" 3-section vehicle head with framework	9	EA	\$ <u>889.00</u>	\$ <u>8,001.00</u>
139.	Furnish and Install pedestrian signal head	6	EA	\$ <u>603.00</u>	\$ <u>3,618.00</u>
140.	Furnish and Install luminaire	1	EA	\$ <u>376.00</u>	\$ <u>376.00</u>
141.	Furnish and Install pedestrian pushbuttons	6	EA	\$ <u>227.00</u>	\$ <u>1,362.00</u>
142.	Furnish and Install Type E loop detectors	4	EA	\$ <u>492.00</u>	\$ <u>1,968.00</u>
143.	Furnish and Install mast-arm street name sign	3	EA	\$ <u>1,069.00</u>	\$ <u>3,207.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ELLIS STREET (cont.)**

144.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
145.	Remove and salvage existing 332 cabinet and foundation	1	LS	\$ <u>888.00</u>	\$ <u>888.00</u>
146.	Furnish temporary traffic Signal controller cabinet assembly	1	LS	\$ <u>10,387.00</u>	\$ <u>10,387.00</u>
147.	Relocate sign	2	EA	\$ <u>180.00</u>	\$ <u>360.00</u>
148.	Install thermoplastic Pavement markings	50	SF	\$ <u>8.00</u>	\$ <u>400.00</u>
149.	Furnish and install sign	4	EA	\$ <u>180.00</u>	\$ <u>720.00</u>
150.	Maintain existing traffic Signal system	1	EA	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/MARKET STREET**

151.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,851.00</u>	\$ <u>13,851.00</u>
152.	Furnish and install type 1A standard and construct foundation	3	EA	\$ <u>1,520.00</u>	\$ <u>4,560.00</u>
153.	Furnish and install type 15 standard with mast arms and construct foundation	1	EA	\$ <u>3,617.00</u>	\$ <u>3,617.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/MARKET STREET (cont.)**

154.	Furnish and install type 19 standard with mast arms and construct foundation	3	EA	\$ <u>7,940.⁰⁰</u>	\$ <u>23,820.⁰⁰</u>
155.	Furnish and install 3" Conduit	360	LF	\$ <u>63.75</u>	\$ <u>23,022.⁰⁰</u>
156.	Furnish and install 2" Conduit	500	LF	\$ <u>56.20</u>	\$ <u>28,100.⁰⁰</u>
157.	Remove and salvage existing large pole and foundation	3	EA	\$ <u>1,454.⁰⁰</u>	\$ <u>4,362.⁰⁰</u>
158.	Remove and salvage existing small pole and foundation	4	EA	\$ <u>1,155.⁰⁰</u>	\$ <u>4,620.⁰⁰</u>
159.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.⁰⁰</u>	\$ <u>1,798.⁰⁰</u>
160.	Furnish and install no. 6 Pull box (24 inches deep)	5	EA	\$ <u>1,393.⁰⁰</u>	\$ <u>6,965.⁰⁰</u>
161.	Furnish and install 12" 3-section vehicle head (MAS)	3	EA	\$ <u>780.⁰⁰</u>	\$ <u>2,340.⁰⁰</u>
162.	Furnish and Install 12" 3-section vehicle head with framework	7	EA	\$ <u>889.⁰⁰</u>	\$ <u>6,223.⁰⁰</u>
163.	Furnish and Install 12" 5-section vehicle head with framework	1	EA	\$ <u>1,230.⁰⁰</u>	\$ <u>1,230.⁰⁰</u>
164.	Furnish and Install luminaire	4	EA	\$ <u>376.⁰⁰</u>	\$ <u>1,504.⁰⁰</u>
165.	Furnish and Install pedestrian signal head	7	EA	\$ <u>603.⁰⁰</u>	\$ <u>4,221.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE LONG BEACH BOULEVARD/MARKET STREET (cont.)					
166.	Furnish and Install pedestrian pushbuttons	8	EA	\$ <u>227.00</u>	\$ <u>1,816.00</u>
167.	Furnish and Install Type E loop detectors	12	EA	\$ <u>492.00</u>	\$ <u>5,904.00</u>
168.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
169.	Furnish and Install mast-arm street name sign	4	EA	\$ <u>1,069.00</u>	\$ <u>4,276.00</u>
170.	Remove and salvage existing 332 cabinet and foundation	1	LS	\$ <u>888.00</u>	\$ <u>888.00</u>
171.	Install thermoplastic Pavement markings	65	SF	\$ <u>11.00</u>	\$ <u>715.00</u>
172.	Not used.				
173.	Furnish and Install sign	7	EA	\$ <u>186.00</u>	\$ <u>1,302.00</u>
174.	Furnish and Install sign And post	1	EA	\$ <u>272.00</u>	\$ <u>272.00</u>
175.	Relocate sign	9	EA	\$ <u>180.00</u>	\$ <u>1,620.00</u>
176.	Remove existing curb ramp	1	EA	\$ <u>815.00</u>	\$ <u>815.00</u>
177.	Relocate photoelectric Control	1	LS	\$ <u>380.00</u>	\$ <u>380.00</u>
178.	Relocate emergency vehicle Pre-emption equipment	1	LS	\$ <u>2,348.00</u>	\$ <u>2,348.00</u>
179.	Maintain existing traffic Signal system	1	EA	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/MARKET STREET (cont.)**

180.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ <u>10,387.00</u>	\$ <u>10,387.00</u>
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/53RD STREET**

181.	Construct foundation for type 332 controller cabinet	1	EA	\$ <u>2,146.00</u>	\$ <u>2,146.00</u>
182.	Furnish and install type 1A standard and construct foundation	6	EA	\$ <u>1,520.00</u>	\$ <u>9,120.00</u>
183.	Furnish and install type 19 standard with mast arms and construct foundation	1	EA	\$ <u>7,941.00</u>	\$ <u>7,941.00</u>
184.	Furnish and install 3" Conduit	320	LF	\$ <u>70.00</u>	\$ <u>22,400.00</u>
185.	Furnish and install 2" Conduit	500	LF	\$ <u>53.80</u>	\$ <u>26,900.00</u>
186.	Remove and salvage existing large pole and foundation	2	EA	\$ <u>1,457.00</u>	\$ <u>2,908.00</u>
187.	Remove and salvage existing small pole and foundation	2	EA	\$ <u>1,155.00</u>	\$ <u>2,310.00</u>
188.	Remove existing 332 Cabinet foundation	1	LS	\$ <u>851.00</u>	\$ <u>851.00</u>
189.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.00</u>	\$ <u>1,798.00</u>
190.	Furnish and install no. 6 Pull box (24 inches deep)	5	EA	\$ <u>1,393.00</u>	\$ <u>6,965.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/53RD STREET (cont.)**

191.	Furnish and install 12" 3-section vehicle head (MAS)	2	EA	\$ <u>780.00</u>	\$ <u>1,560.00</u>
192.	Furnish and Install 12" 3-section vehicle head with framework	8	EA	\$ <u>889.00</u>	\$ <u>7,112.00</u>
193.	Furnish and Install luminaire	2	EA	\$ <u>376.00</u>	\$ <u>752.00</u>
194.	Furnish and Install pedestrian signal head	8	EA	\$ <u>603.00</u>	\$ <u>4,824.00</u>
195.	Furnish and Install pedestrian pushbuttons	4	EA	\$ <u>227.00</u>	\$ <u>908.00</u>
196.	Furnish and Install Type E loop detectors	8	EA	\$ <u>492.00</u>	\$ <u>3,936.00</u>
197.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
198.	Furnish and Install mast-arm street name sign	2	EA	\$ <u>1,069.00</u>	\$ <u>2,138.00</u>
199.	Remove and salvage Existing vehicle head	1	EA	\$ <u>199.00</u>	\$ <u>199.00</u>
200.	Relocate photoelectric Control	1	LS	\$ <u>380.00</u>	\$ <u>380.00</u>
201.	Relocate existing street Light pull box	1	EA	\$ <u>2,289.00</u>	\$ <u>2,289.00</u>
202.	Furnish and Install Auxiliary controller Cabinet equipment	1	LS	\$ <u>1,800.00</u>	\$ <u>1,800.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/53RD STREET (cont.)**

203.	Remove and reinstall 332 Controller cabinet assembly And auxiliary equipment	1	LS	\$ _____	\$ <u>1,843.⁰⁰</u>
204.	Install thermoplastic Pavement markings	100	SF	\$ <u>8.⁰⁰</u>	\$ <u>800.⁰⁰</u>
205.	Relocate sign	3	EA	\$ <u>86.⁰⁰</u>	\$ <u>258.⁰⁰</u>
206.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ _____	\$ <u>10,387.⁰⁰</u>
207.	Maintain existing traffic Signal system	1	EA	\$ <u>1,522.⁰⁰</u>	\$ <u>1,522.⁰⁰</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ARBOR STREET - 47TH STREET**

208.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,952.⁰⁰</u>	\$ <u>13,952.⁰⁰</u>
209.	Construct foundation and Furnish and install type IIIBF Electrical service Cabinet	1	EA	\$ <u>4,018.⁰⁰</u>	\$ <u>4,018.⁰⁰</u>
210.	Remove and salvage existing 6 large pole, bumper poles and foundation complete	6	EA	\$ <u>1,454.⁰⁰</u>	\$ <u>8,724.⁰⁰</u>
211.	Remove and salvage existing 7 small pole, bumper poles and foundation complete	7	EA	\$ <u>1,155.⁰⁰</u>	\$ <u>8,085.⁰⁰</u>
212.	Furnish and install type 1A standard and construct foundation	5	EA	\$ <u>1,520.⁰⁰</u>	\$ <u>7,600.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/ARBOR STREET - 47TH STREET (cont.)

213.	Furnish and install type 15 standard with mast arms and construct foundation	3	EA	\$ <u>3,617.⁰⁰</u>	\$ <u>10,851.⁰⁰</u>
214.	Furnish and install type 18 standard with mast arms and construct foundation	1	EA	\$ <u>7,279.⁰⁰</u>	\$ <u>7,279.⁰⁰</u>
215.	Furnish and install type 19 standard with mast arms and construct foundation	2	EA	\$ <u>7,940.⁰⁰</u>	\$ <u>15,880.⁰⁰</u>
216.	Furnish and install 3" Conduit	610	LF	\$ <u>60.⁸⁰</u>	\$ <u>37,088.⁰⁰</u>
217.	Furnish and install 2" Conduit	545	LF	\$ <u>52.⁸⁰</u>	\$ <u>28,776.⁰⁰</u>
218.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.⁰⁰</u>	\$ <u>1,798.⁰⁰</u>
219.	Furnish and install no. 6 Pull box (24 inches deep)	11	EA	\$ <u>1,393.⁰⁰</u>	\$ <u>15,323.⁰⁰</u>
220.	Furnish and Install 12" 3-section vehicle head with framework	7	EA	\$ <u>889.⁰⁰</u>	\$ <u>6,223.⁰⁰</u>
221.	Furnish and Install 12" Programmed visibility 3-section vehicle head	5	EA	\$ <u>2,524.⁰⁰</u>	\$ <u>12,620.⁰⁰</u>
222.	Furnish and Install 12" Programmed visibility 4-section vehicle head	1	EA	\$ <u>3,244.⁰⁰</u>	\$ <u>3,244.⁰⁰</u>
223.	Furnish and Install 12" 4-section vehicle head	5	EA	\$ <u>1,082.⁰⁰</u>	\$ <u>5,410.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE					
LONG BEACH BOULEVARD/ARBOR STREET - 47TH STREET (cont.)					
224.	Furnish and Install luminaire	6	EA	\$ <u>376.00</u>	\$ <u>2,256.00</u>
225.	Furnish and Install pedestrian signal head	8	EA	\$ <u>603.00</u>	\$ <u>4,824.00</u>
226.	Furnish and Install pedestrian pushbuttons	4	EA	\$ <u>227.00</u>	\$ <u>908.00</u>
227.	Furnish and Install Type E loop detectors	12	EA	\$ <u>492.00</u>	\$ <u>5,904.00</u>
228.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>/</u>	\$ <u>7,036.00</u>
229.	Furnish and Install mast-arm street name sign	4	EA	\$ <u>1,069.00</u>	\$ <u>4,276.00</u>
230.	Remove and salvage existing 332 cabinet and foundation	1	LS	\$ <u>/</u>	\$ <u>888.00</u>
231.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ <u>/</u>	\$ <u>10,387.00</u>
232.	Remove and salvage Existing vehicle head	1	EA	\$ <u>199.00</u>	\$ <u>199.00</u>
233.	Install thermoplastic Pavement markings	100	SF	\$ <u>8.00</u>	\$ <u>800.00</u>
234.	Relocate sign	16	EA	\$ <u>86.00</u>	\$ <u>1,376.00</u>
235.	Furnish and install sign	6	EA	\$ <u>180.00</u>	\$ <u>1080.00</u>
236.	Maintain existing traffic Signal system	1	EA	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/SAN ANTONIO DRIVE - CARSON STREET**

237.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,952.00</u>	\$ <u>13,952.00</u>
238.	Construct foundation and Furnish and install type III BF Electrical service Cabinet	1	EA	\$ <u>4,018.00</u>	\$ <u>4,018.00</u>
239.	Remove and salvage existing large pole and foundation	3	EA	\$ <u>1,454.00</u>	\$ <u>4,362.00</u>
240.	Remove and salvage existing small pole and foundation	2	EA	\$ <u>1,155.00</u>	\$ <u>2,310.00</u>
241.	Furnish and install Pedestrian pushbutton post and construct foundation	1	EA	\$ <u>1,230.00</u>	\$ <u>1,230.00</u>
242.	Furnish and install type 1A standard and construct foundation	3	EA	\$ <u>1,520.00</u>	\$ <u>4,560.00</u>
243.	Furnish and install type 15 standard with mast arms and construct foundation	2	EA	\$ <u>3,617.00</u>	\$ <u>7,234.00</u>
244.	Furnish and install type 19 standard with mast arms and construct foundation	1	EA	\$ <u>7,801.00</u>	\$ <u>7,801.00</u>
245.	Furnish and install 3" Conduit	400	LF	\$ <u>67.00</u>	\$ <u>26,800.00</u>
246.	Furnish and install 2" Conduit	700	LF	\$ <u>53.90</u>	\$ <u>37,730.00</u>
247.	Remove and salvage Existing pedestrian head	2	EA	\$ <u>196.00</u>	\$ <u>392.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE					
LONG BEACH BOULEVARD/SAN ANTONIO DRIVE - CARSON STREET (cont.)					
248.	Furnish and install no. 5 Pull box	3	EA	\$ <u>899.00</u>	\$ <u>2,697.00</u>
249.	Furnish and install no. 6 Pull box (24 inches deep)	11	EA	\$ <u>1,393.00</u>	\$ <u>15,323.00</u>
250.	Furnish and Install 12" 3-section vehicle head with framework	9	EA	\$ <u>889.00</u>	\$ <u>8,001.00</u>
251.	Furnish and Install 12" 5-section stacked vehicle head	2	EA	\$ <u>1,230.00</u>	\$ <u>2,460.00</u>
252.	Furnish and Install luminaire	3	EA	\$ <u>376.00</u>	\$ <u>1,128.00</u>
253.	Furnish and Install pedestrian signal head	5	EA	\$ <u>603.00</u>	\$ <u>3,015.00</u>
254.	Furnish and Install pedestrian pushbuttons	5	EA	\$ <u>227.00</u>	\$ <u>1,135.00</u>
255.	Furnish and Install Type E loop detectors	24	EA	\$ <u>497.00</u>	\$ <u>11,908.00</u>
256.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
257.	Furnish and Install mast-arm street name sign	6	EA	\$ <u>1,069.00</u>	\$ <u>6,414.00</u>
258.	Remove and salvage existing 332 cabinet and foundation	2	EA	\$ <u>888.00</u>	\$ <u>1,776.00</u>
259.	Remove and salvage existing service cabinet and foundation	2	EA	\$ <u>698.00</u>	\$ <u>1,396.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/SAN ANTONIO DRIVE - CARSON STREET (cont.)

260.	Relocate existing controller Cabinet equipment	1	LS	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>
261.	Furnish and install spread Spectrum radio equipment complete	1	LS	\$ <u>5,403.00</u>	\$ <u>5,403.00</u>
262.	Install thermoplastic Pavement markings	130	SF	\$ <u>11.00</u>	\$ <u>1,430.00</u>
263.	Furnish and install sign(s) And post	1	EA	\$ <u>306.00</u>	\$ <u>306.00</u>
264.	Furnish and install sign	4	EA	\$ <u>180.00</u>	\$ <u>720.00</u>
265.	Relocate sign	8	EA	\$ <u>86.00</u>	\$ <u>688.00</u>
266.	Maintain existing traffic Signal system	1	EA	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

TRAFFIC SIGNAL UPGRADE

LONG BEACH BOULEVARD/ROOSEVELT ROAD

267.	Construct foundation for type 332 controller cabinet	1	EA	\$ <u>2,146.00</u>	\$ <u>2,146.00</u>
268.	Construct foundation and Furnish and install type IIIBF Electrical service Cabinet	1	EA	\$ <u>4,018.00</u>	\$ <u>4,018.00</u>
269.	Furnish and install type 1A standard and construct foundation	3	EA	\$ <u>1,520.00</u>	\$ <u>4,560.00</u>
270.	Furnish and install type 19 standard with mast arms and construct foundation	3	EA	\$ <u>7,940.00</u>	\$ <u>23,820.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE					
LONG BEACH BOULEVARD/ROOSEVELT ROAD (cont.)					
271.	Furnish and install 3" Conduit	400	LF	\$ <u>65.30</u>	\$ <u>26,120.00</u>
272.	Furnish and install 2" Conduit	500	LF	\$ <u>53.70</u>	\$ <u>26,850.00</u>
273.	Remove and reinstall 332 controller cabinet assembly and auxiliary equipment	1	LS	\$ <u>4,066.00</u>	\$ <u>4,066.00</u>
274.	Furnish and Install Auxiliary controller Cabinet equipment	1	LS	\$ <u>2,101.00</u>	\$ <u>2,101.00</u>
275.	Remove and salvage existing large pole and foundation	2	EA	\$ <u>1,459.00</u>	\$ <u>2,908.00</u>
276.	Remove and salvage existing small pole and foundation	2	EA	\$ <u>1,155.00</u>	\$ <u>2,310.00</u>
277.	Remove existing 332 cabinet foundation	1	LS	\$ <u>851.00</u>	\$ <u>851.00</u>
278.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.00</u>	\$ <u>1,798.00</u>
279.	Furnish and install no. 6 Pull box (24 inches deep)	4	EA	\$ <u>1,393.00</u>	\$ <u>5,572.00</u>
280.	Furnish and Install 12" 3-section vehicle head with framework	8	EA	\$ <u>889.00</u>	\$ <u>7,112.00</u>
281.	Furnish and Install 12" 3-section vehicle head (MAS)	3	EA	\$ <u>780.00</u>	\$ <u>2,340.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ROOSEVELT ROAD (cont.)**

282.	Furnish and Install pedestrian signal head	8	EA	\$ <u>603.00</u>	\$ <u>4,824.00</u>
283.	Furnish and Install pedestrian pushbuttons	8	EA	\$ <u>227.00</u>	\$ <u>1,816.00</u>
284.	Furnish and Install Type E loop detectors	12	EA	\$ <u>492.00</u>	\$ <u>5,904.00</u>
285.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
286.	Furnish and Install mast-arm street name sign	2	EA	\$ <u>1,069.00</u>	\$ <u>2,138.00</u>
287.	Furnish and Install luminaire	3	EA	\$ <u>376.00</u>	\$ <u>1,128.00</u>
288.	Relocate photoelectric Control	1	LS	\$ <u>380.00</u>	\$ <u>380.00</u>
289.	Relocate emergency vehicle Pre-emption equipment	1	LS	\$ <u>4,934.00</u>	\$ <u>4,934.00</u>
290.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ <u>10,387.00</u>	\$ <u>10,387.00</u>
291.	Furnish and install EVPE Equipment complete	1	LS	\$ <u>14,316.00</u>	\$ <u>14,316.00</u>
292.	Relocate existing street Light pull box	1	EA	\$ <u>2,290.00</u>	\$ <u>2,290.00</u>
293.	Furnish and install spread Spectrum radio equipment Complete	1	LS	\$ <u>5,403.00</u>	\$ <u>5,403.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/ROOSEVELT ROAD (cont.)**

294.	Install thermoplastic Pavement markings	175	SF	\$ <u>10.00</u>	\$ <u>1,750.00</u>
295.	Remove existing Pavement markings	50	SF	\$ <u>15.00</u>	\$ <u>750.00</u>
296.	Relocate sign	4	EA	\$ <u>86.00</u>	\$ <u>344.00</u>
297.	Maintain existing traffic Signal system	1	EA	\$ <u>1,522.00</u>	\$ <u>1,522.00</u>

**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/BIXBY ROAD**

298.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,851.00</u>	\$ <u>13,851.00</u>
299.	Construct foundation and Furnish and install type IIIBF Electrical service Cabinet	1	EA	\$ <u>4,018.00</u>	\$ <u>4,018.00</u>
300.	Remove and salvage existing large pole and foundation	6	EA	\$ <u>1,454.00</u>	\$ <u>8,724.00</u>
301.	Remove and salvage existing small pole and foundation	2	EA	\$ <u>1,155.00</u>	\$ <u>2,310.00</u>
302.	Furnish and install type 1A standard and construct foundation	2	EA	\$ <u>1,520.00</u>	\$ <u>3,040.00</u>
303.	Furnish and install type 15 standard with mast arms and construct foundation	2	EA	\$ <u>3,617.00</u>	\$ <u>7,234.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE LONG BEACH BOULEVARD/BIXBY ROAD (cont.)					
304.	Furnish and install type 17 standard with mast arms and construct foundation	2	EA	\$ <u>7,086.⁰⁰</u>	\$ <u>14,172.⁰⁰</u>
305.	Furnish and install type 19 standard with mast arms and construct foundation	3	EA	\$ <u>7,940.⁰⁰</u>	\$ <u>23,820.⁰⁰</u>
306.	Furnish and install 3" Conduit	450	LF	\$ <u>66.⁸⁰</u>	\$ <u>30,060.⁰⁰</u>
307.	Furnish and install 2" Conduit	500	LF	\$ <u>52.⁹⁰</u>	\$ <u>26,450.⁰⁰</u>
308.	Furnish and install no. 5 Pull box	2	EA	\$ <u>899.⁰⁰</u>	\$ <u>1,798.⁰⁰</u>
309.	Furnish and install no. 6 Pull box (24 inches deep)	6	EA	\$ <u>1,393.⁰⁰</u>	\$ <u>8,358.⁰⁰</u>
310.	Furnish and Install 12" 3-section vehicle head with framework	8	EA	\$ <u>889.⁰⁰</u>	\$ <u>7,112.⁰⁰</u>
311.	Furnish and Install 12" 3-section vehicle head (MAS)	4	EA	\$ <u>780.⁰⁰</u>	\$ <u>3,120.⁰⁰</u>
312.	Furnish and Install pedestrian signal head	8	EA	\$ <u>603.⁰⁰</u>	\$ <u>4,824.⁰⁰</u>
313.	Furnish and Install pedestrian pushbuttons	8	EA	\$ <u>227.⁰⁰</u>	\$ <u>1,816.⁰⁰</u>
314.	Furnish and Install Type E loop detectors	12	EA	\$ <u>492.⁰⁰</u>	\$ <u>5,904.⁰⁰</u>
315.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u> </u>	\$ <u>7,036.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/BIXBY ROAD (cont.)**

316.	Furnish and Install mast-arm street name sign	4	EA	\$ <u>1,069.⁰⁰</u>	\$ <u>4,276.⁰⁰</u>
317.	Furnish and Install luminaire	6	EA	\$ <u>376.⁰⁰</u>	\$ <u>2,256.⁰⁰</u>
318.	Relocate photoelectric Control	1	LS	\$ <u>/</u>	\$ <u>380.⁰⁰</u>
319.	Furnish and install EVPE Equipment complete	1	LS	\$ <u>/</u>	\$ <u>12,715.⁰⁰</u>
320.	Furnish and Install Auxiliary controller Cabinet equipment	1	LS	\$ <u>/</u>	\$ <u>2,056.⁰⁰</u>
321.	Remove and salvage existing 332 cabinet and foundation	1	EA	\$ <u>888.⁰⁰</u>	\$ <u>888.⁰⁰</u>
322.	Maintain existing traffic signal system	5	EA	\$ <u>1,522.⁰⁰</u>	\$ <u>7,610.⁰⁰</u>
323.	Furnish and install spread Spectrum radio equipment Complete	1	LS	\$ <u>/</u>	\$ <u>6,164.⁰⁰</u>
324.	Install thermoplastic Pavement markings	410	SF	\$ <u>8.⁰⁰</u>	\$ <u>3,280.⁰⁰</u>
325.	Remove existing Pavement markings	100	SF	\$ <u>15.⁰⁰</u>	\$ <u>1,500.⁰⁰</u>
326.	Relocate sign	6	EA	\$ <u>86.⁰⁰</u>	\$ <u>516.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE LONG BEACH BOULEVARD/36th STREET					
327.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,851.⁰⁰</u>	\$ <u>13,851.⁰⁰</u>
328.	Construct foundation and Furnish and install type III BF Electrical service Cabinet	1	EA	\$ <u>4,018.⁰⁰</u>	\$ <u>4,018.⁰⁰</u>
329.	Remove and salvage existing large pole and foundation	6	EA	\$ <u>1,454.⁰⁰</u>	\$ <u>8,724.⁰⁰</u>
330.	Remove and salvage existing small pole and foundation	3	EA	\$ <u>1,155.⁰⁰</u>	\$ <u>3,465.⁰⁰</u>
331.	Furnish and install type 1A standard and construct foundation	3	EA	\$ <u>1,520.⁰⁰</u>	\$ <u>4,560.⁰⁰</u>
332.	Furnish and install type 15 standard with mast arms and construct foundation	2	EA	\$ <u>3,617.⁰⁰</u>	\$ <u>7,234.⁰⁰</u>
333.	Furnish and install type 17 standard with mast arms and construct foundation	1	EA	\$ <u>11,602.⁰⁰</u>	\$ <u>11,602.⁰⁰</u>
334.	Furnish and install type 19 standard with mast arms and construct foundation	3	EA	\$ <u>7,940.⁰⁰</u>	\$ <u>23,820.⁰⁰</u>
335.	Furnish and install 3" Conduit	550	LF	\$ <u>61.⁷⁰</u>	\$ <u>33,935.⁰⁰</u>
336.	Furnish and install 2" Conduit	600	LF	\$ <u>52.⁰⁰</u>	\$ <u>31,200.⁰⁰</u>
337.	Furnish and install no. 5 Pull box	3	EA	\$ <u>899.⁰⁰</u>	\$ <u>2,697.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE					
LONG BEACH BOULEVARD/36th STREET (cont.)					
338.	Furnish and install no. 6 Pull box (24 inches deep)	7	EA	\$ <u>373.00</u>	\$ <u>2,611.00</u>
339.	Furnish and Install 12" 3-section vehicle head with framework	9	EA	\$ <u>899.00</u>	\$ <u>8,091.00</u>
340.	Furnish and Install 12" 3-section vehicle head (MAS)	4	EA	\$ <u>780.00</u>	\$ <u>3,120.00</u>
341.	Furnish and Install pedestrian signal head	8	EA	\$ <u>603.00</u>	\$ <u>4,824.00</u>
342.	Furnish and Install pedestrian pushbuttons	8	EA	\$ <u>227.00</u>	\$ <u>1,816.00</u>
343.	Furnish and Install Type E loop detectors	12	EA	\$ <u>492.00</u>	\$ <u>5,904.00</u>
344.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.00</u>	\$ <u>7,036.00</u>
345.	Furnish and Install mast-arm street name sign	4	EA	\$ <u>1,064.00</u>	\$ <u>4,276.00</u>
346.	Furnish and Install luminaire	6	EA	\$ <u>376.00</u>	\$ <u>2,256.00</u>
347.	Relocate photoelectric Control	1	LS	\$ <u>380.00</u>	\$ <u>380.00</u>
348.	Furnish and install EVPE Equipment complete	1	LS	\$ <u>11,838.00</u>	\$ <u>11,838.00</u>
349.	Remove existing street Light pole and foundation Complete	1	EA	\$ <u>1,454.00</u>	\$ <u>1,454.00</u>
350.	Relocate street light pull box	1	EA	\$ <u>2,289.00</u>	\$ <u>2,289.00</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
TRAFFIC SIGNAL UPGRADE LONG BEACH BOULEVARD/36th STREET (cont.)					
351.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ <u>10,307.⁰⁰</u>	\$ <u>10,307.⁰⁰</u>
352.	Remove and salvage existing 332 cabinet and foundation	1	LS	\$ <u>888.⁰⁰</u>	\$ <u>888.⁰⁰</u>
353.	Furnish and install spread Spectrum radio equipment Complete	1	LS	\$ <u>6,164.⁰⁰</u>	\$ <u>6,164.⁰⁰</u>
354.	Install thermoplastic Pavement markings	260	SF	\$ <u>8.⁰⁰</u>	\$ <u>2,080.⁰⁰</u>
355.	Relocate sign	6	EA	\$ <u>96.⁰⁰</u>	\$ <u>576.⁰⁰</u>
356.	Maintain existing traffic signal system	5	EA	\$ <u>1,522.⁰⁰</u>	\$ <u>7,610.⁰⁰</u>
TRAFFIC SIGNAL UPGRADE LONG BEACH BOULEVARD/COLUMBIA STREET					
357.	Construct foundation and Furnish and install type 332 Cabinet assembly with Auxiliary equipment	1	EA	\$ <u>13,670.⁰⁰</u>	\$ <u>13,670.⁰⁰</u>
358.	Furnish and install 2" Conduit	120	LF	\$ <u>74.⁰⁰</u>	\$ <u>8,880.⁰⁰</u>
359.	Furnish and install no. 5 Pull box	4	EA	\$ <u>899.⁰⁰</u>	\$ <u>3,596.⁰⁰</u>
360.	Furnish and install traffic Signal and lighting cables And conductors	1	LS	\$ <u>7,036.⁰⁰</u>	\$ <u>7,036.⁰⁰</u>
361.	Furnish and Install Type E loop detectors	7	EA	\$ <u>492.⁰⁰</u>	\$ <u>3,444.⁰⁰</u>

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE (IN FIGURES)	ITEM TOTAL (IN FIGURES)
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**TRAFFIC SIGNAL UPGRADE
LONG BEACH BOULEVARD/COLUMBIA STREET (cont.)**

362.	Remove and salvage existing 332 cabinet and foundation	1	LS	\$ <u>888.00</u>	\$ <u>888.00</u>
363.	Furnish temporary traffic signal controller cabinet assembly	1	LS	\$ <u>10,387.00</u>	\$ <u>10,387.00</u>
364.	Furnish and Install mast-arm street name sign	2	EA	\$ <u>677.00</u>	\$ <u>1,354.00</u>
365.	Maintain existing traffic signal system	5	EA	\$ <u>1,522.00</u>	\$ <u>7,610.00</u>

TRAFFIC SIGNAL INTERCONNECT SYSTEM

366.	Furnish and install 3" Conduit	5,830	LF	\$ <u>66.00</u>	\$ <u>384,780.00</u>
367.	Furnish and install no. 6 Pull box (24 inches deep)	19	EA	\$ <u>1,804.00</u>	\$ <u>34,276.00</u>
368.	Furnish and install 12-pr. No. 19 interconnect cable	8,780	LF	\$ <u>2.25</u>	\$ <u>19,755.00</u>

CONCRETE REMOVAL AND REPLACEMENT

369.	PCC Removal	2,118	SF	\$ <u>3.50</u>	\$ <u>7,413.00</u>
370.	PCC Replacement	2,118	SF	\$ <u>13.00</u>	\$ <u>27,534.00</u>

2,815,496.00

TOTAL AMOUNT BID (IN FIGURES) \$ ~~2,815,496~~ 74

TOTAL AMOUNT BID (IN WORDS) Two Million Eight Hundred
Eighteen Thousand Four Hundred ^{Forty} Six Dollars

Where did your company first hear about this City of Long Beach Public Works' project?
Greensheet

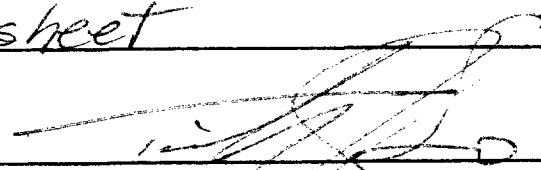
BIDDER'S SIGNATURE: 
Timothy J. Erno, President

Exhibit "B"

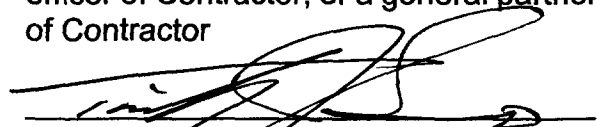
WORKERS' COMPENSATION CERTIFICATION

In accordance with California Labor Code Sections 1860 and 3700, I certify that I am aware of the provisions of Section 3700 which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with said provisions before commencing the performance of the Work of this contract.

Contractor's Name:

Terno, Inc

Signature of Contractor, or a corporate officer of Contractor, or a general partner of Contractor



Title: **Timothy J. Erno, President**

Date: 3-9-06

Exhibit "C"

INFORMATION TO COMPLY WITH LABOR CODE SEC. 2810

To comply with Labor Code Sec. 2810, Contractor shall complete and submit this Information Sheet which shall be incorporated into and be a part of the Contract:

1) Workers' Compensation Insurance:

- A. Policy Number: WC 298849305
B. Name of Insurer (NOT Broker): ZURICH - AMERICAN INS. CO.
C. Address of Insurer: 5445 DTC Parkway Suite 1200
D. Telephone Number of Insurer: Greenwood Village CO 80111
(303) 224-4076

2) For vehicles owned by Contractor and used in performing work under this Contract:

- A. VIN (Vehicle Identification Number): /
B. Automobile Liability Insurance Policy Number: BAP29884905
C. Name of Insurer (NOT Broker): ZURICH - AMERICAN INS. CO.
D. Address of Insurer: Same as above
E. Telephone Number of Insurer: same as above

3) Address of property used to house workers on this Contract, if any:

N/A

4) Estimated total number of workers to be employed on this Contract: 10

5) Estimated total wages to be paid those workers: \$500,000.00

6) Dates (or schedule) when those wages will be paid: 05-01-06 / WEEKLY

(Describe schedule: For example, weekly or every other week or monthly)

7) Estimated total number of independent contractors to be used on this Contract: 3
(Attach a list of contractor's license numbers with the names, if known)

8) Taxpayer's Identification Number: [REDACTED]

Exhibit "D"

LIST OF SUBCONTRACTORS

The Bidder shall set forth hereon, the name, location of the place of business, and telephone number of each subcontractor, including minority subcontractors, who will perform work or labor or render service to the Prime Contractor in or about the construction of the Work or improvement, or a subcontractor licensed by the State of California who, under subcontract to the Prime Contractor, specially fabricates and installs a portion of the Work or improvement according to detailed drawings contained in the Plans and Specifications, in an amount in excess of 1/2 of 1 percent of the Prime Contractor's total bid or \$10,000 (whichever is greater).

<u>Name and Address of Subcontractor</u>	<u>Classification or Type of Work</u>
Name <u>Orange County Striping Service</u> Address <u>10310 Pixley St</u> City <u>Orange, CA 92668</u> Phone No. <u>714 639 4550</u>	<u>Striping & Signage</u> Dollar Amount of Contract \$ <u>23,345</u> DBE / MBE / WBE / Racial Origin _____ (circle one) License No. <u>346095</u>
Name <u>California Boxing</u> Address <u>770 N. Gukhoss St</u> City <u>Orange, CA 92668</u> Phone No. <u>714 456 9650</u>	<u>Directional Boxing</u> Dollar Amount of Contract \$ <u>122,380</u> DBE / MBE / WBE / Racial Origin _____ (circle one) License No. <u>689600</u>
Name <u>Loop Master Inc</u> Address <u>4740 E Bayview St</u> City <u>Anaheim, CA 92801</u> Phone No. <u>714 630 8894</u>	Dollar Amount of Contract \$ <u>61,420</u> <u>DBE / MBE / WBE / Racial Origin</u> _____ (circle one) License No. <u>755319</u>
Name _____ Address _____ City _____ Phone No. _____	Dollar Amount of Contract \$ _____ DBE / MBE / WBE / Racial Origin _____ (circle one) License No. _____
Name _____ Address _____ City _____ Phone No. _____	Dollar Amount of Contract \$ _____ DBE / MBE / WBE / Racial Origin _____ (circle one) License No. _____
Name _____ Address _____ City _____ Phone No. _____	Dollar Amount of Contract \$ _____ DBE / MBE / WBE / Racial Origin _____ (circle one) License No. _____

APPENDIX "A"

Please Type or Print Clearly. Read instructions on reverse before completing this form.

SECTION I - BUSINESS INFORMATION

NAME OF BUSINESS OR GOVERNMENTAL ENTITY	SALES/USE TAX PERMIT NUMBER
BUSINESS ADDRESS (street)	CONSUMER USE TAX ACCOUNT NUMBER
CITY, STATE, & ZIP CODE	If applicant is applying for either a sales/use tax permit or a consumer use tax account in addition to a use tax direct payment permit check here <input type="checkbox"/>
MAILING ADDRESS (street address or po box if different from business address)	
CITY, STATE, & ZIP CODE	NAME UNDER WHICH BUSINESS IS TO BE TRANSACTED IF DIFFERENT THAN ABOVE

SECTION II - MULTIPLE BUSINESS LOCATIONS

LIST BELOW THE BUSINESS AND MAILING ADDRESSES OF ALL LOCATIONS WHERE PROPERTY PURCHASED UNDER A USE TAX DIRECT PAYMENT CERTIFICATE WILL BE USED. IF ADDITIONAL SPACE IS NEEDED, ATTACH A SEPARATE SHEET

1. BUSINESS ADDRESS	4. BUSINESS ADDRESS
MAILING ADDRESS	MAILING ADDRESS
2. BUSINESS ADDRESS	5. BUSINESS ADDRESS
MAILING ADDRESS	MAILING ADDRESS
3. BUSINESS ADDRESS	6. BUSINESS ADDRESS
MAILING ADDRESS	MAILING ADDRESS

SECTION III - CERTIFICATION STATEMENT

I hereby certify that I qualify for a Use Tax Direct Payment Permit for the following reason: (Please check one of the following)

- I have purchased or leased for my own use tangible personal property subject to use tax at a cost of five hundred thousand dollars (\$500,000) or more in the aggregate, during the calendar year immediately preceding this application for the permit. I have attached a "Statement of Cash Flows" or other comparable financial statements acceptable to the Board for the calendar year immediately preceding the date of application and a separate statement attesting that the qualifying purchases were purchases that were subject to use tax.
- I am a county, city, city and county, or redevelopment agency.

I also agree to self-assess and pay directly to the Board of Equalization any use tax liability incurred pursuant to my use of a Use Tax Direct Payment Permit.

The above statements are hereby certified to be correct to the knowledge and belief of the undersigned, who is duly authorized to sign this application.

SIGNATURE	TITLE
NAME (typed or printed)	DATE

**USE TAX DIRECT PAYMENT PERMIT
(General Information and Filing Instructions)**

Revenue and Taxation Code Section 7051.3 authorizes the State Board of Equalization to issue a "Use Tax Direct Payment Permit" to qualified applicants. This permit allows purchasers and lessors of tangible personal property (other than lessees of motor vehicles the lease of which is subject to the terms of Section 7205.1 of the Sales and Use Tax Law) to self-assess and pay use taxes directly to the Board instead of to the vendor or lessor from whom the property is purchased or leased.

Permit holders will be provided with a use tax direct payment exemption certificate which they can issue to retailers and lessors when they purchase tangible personal property subject to use tax or make qualified leases of tangible personal property. Vendors who timely take the certificate in good faith from a permit holder are relieved of the duty to collect use taxes on the sales for which the certificate was issued. Permit holders who acquire property under a certificate must self-assess and report the use taxes directly to the Board on their tax returns, and allocate the local taxes to the county, city, city and county, or redevelopment agency in which the property is first used. Permit holders who fail to properly pay any use taxes that are due on property for which a certificate was given are subject to interest and penalties assessments in addition to their tax liability.

To qualify for a use tax direct payment permit, an applicant must meet the following conditions:

- (1) The applicant must agree to self-assess and pay directly to the Board any use tax which is due on property for which a use tax direct payment exemption certificate was given; and
- (2) The applicant must certify to the Board either of the following:
 - (A) The applicant has purchased or leased for its own use tangible personal property subject to use tax which cost five hundred thousand dollars (\$500,000) or more in the aggregate, during the calendar year immediately preceding the application for the permit; or
 - (B) The applicant is a county, city, city and county, or redevelopment agency.

Persons wishing to obtain a use tax direct payment permit must be pre-qualified and either hold a California seller's permit or a consumer use tax account.

Persons other than governmental entities who currently hold either a California seller's permit or a consumer use tax account must complete the application for a use tax direct payment permit, sign the certification statement attesting that they qualify for a permit under conditions of Part (2)(A) above, and submit a "Statement of Cash Flows" or other comparable financial statements acceptable to the board for the calendar year immediately preceding the date of application which discloses total purchases of property and equipment for own use and a separate statement under company letterhead certifying that five hundred thousand dollars (\$500,000) or more of such purchases were subject to use tax.

Persons other than governmental entities who are not required to hold a seller's permit and who do not currently hold a consumer use tax account must obtain a consumer use tax account and then complete the application for a use tax direct payment permit, sign the certification statement attesting that they qualify for a permit under the conditions of Part (2)(A) above and submit a "Statement of Cash Flows" or other comparable financial statements acceptable to the board for the calendar year immediately preceding the date of application which discloses total purchases of property and equipment for own use and a separate statement under company letterhead certifying that five hundred thousand dollars (\$500,000) or more of such purchases were subject to use tax.

Governmental entities who currently hold either a California seller's permit or a consumer use tax account must complete the application for a use tax direct payment permit, sign the certification statement attesting that they qualify for a permit under the conditions of Part (2)(B) above, and submit an additional statement to that effect under official letterhead and signed by an authorized governmental representative.

Governmental entities who do not hold a California seller's permit or a consumer use tax account must obtain a consumer use tax account and then complete the application for a use tax direct payment permit, sign the certification statement attesting that they qualify for a permit under the conditions of Part (2)(B) above, and submit an additional statement to that effect under official letterhead and signed by an authorized governmental representative.

The completed use tax direct payment application, certification statement, and qualifying documentation should be returned to the address shown below. Upon determination that the applicant qualifies, a use tax direct payment permit and exemption certificate will be mailed to the applicant.

If you would like additional information regarding the use tax direct payment permit or need assistance in completing this application, you can call (916) 324-2883, or write to the Board of Equalization, Public Information and Administration Section, MIC-44, PO Box 842879, Sacramento, CA 94279-0044.

Use Tax Direct Payment Exemption Certificate

I hereby certify that I hold use tax direct payment permit No. _____
issued pursuant to California Sales and Use Tax Law Section 7051.3 and that I am authorized to
report and pay directly to the State the applicable use tax with respect to the property described
herein which I shall purchase from:

(Name of Vendor)

(Address of Vendor)

In the event that I fail to timely report and pay the applicable tax to the State, I understand and agree
that in addition to the tax liability, I will be liable for applicable interest and the amount due may be
subject to penalties.

Description of property to be purchased:

Purchaser: _____ Date certificate given: _____

Signature and Title of Purchaser or Authorized Agent: _____

IMPORTANT NOTICE TO VENDORS

This exemption certificate when timely taken in good faith from a person who holds a use tax direct
payment permit relieves a vendor from the requirement to collect and remit USE TAX on sales or leases
of tangible personal property (other than leases of motor vehicles subject to the terms of Section 7205.1 of
the Sales and Use Tax Law) to the person who issued the certificate. It does NOT relieve a vendor of any
SALES TAX obligations. Generally, this certificate should be accepted only by out-of-state vendors or by
lessors of tangible personal property other than motor vehicle lessors. Sellers can claim a deduction on
their sales and use tax returns for any sales made under this certificate.

Vendors must retain a completed copy of this certificate in their files for a period of not less than four
years to substantiate the exempt status of sales made under its authority.

This Exemption Certificate has been approved by the California State Board of Equalization.

Approved By: _____
(Deputy Director, Sales and Use Tax Department)

Date: _____

Questions regarding this form should be directed to 800 400-7115, or write to the Board of Equalization, Audit
Evaluation and Planning Section, MIC 40, P.O. Box 942879, Sacramento, Ca 94279-0040.

THIS FORM MAY BE REPRODUCED

BOND FOR FAITHFUL PERFORMANCE

Premium: \$25,106.00

KNOW ALL MEN BY THESE PRESENTS: That we, TERNO, INC. as PRINCIPAL, and Fidelity and Deposit Company of* located at 801 North Brand Blvd., Penthouse Suite, Glendale, CA 91203; 505 South Main Street, Suite** a corporation, incorporated under the laws of the State of Maryland:***, admitted as a surety in the State of California and authorized to transact business in the State of California, as SURETY, are held and firmly bound unto the CITY OF LONG BEACH, CALIFORNIA, a municipal corporation, in the sum of TWO MILLION, EIGHT HUNDRED FIFTEEN THOUSAND FOUR HUNDRED FORTY SIX DOLLARS (\$2,815,446.00), lawful money of the United States of America, for the payment of which sum, well and truly to be made, we bind ourselves, our respective heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT:


WHEREAS, said Principal has been awarded and is about to enter the annexed contract (incorporated herein by this reference) with said City of Long Beach for the Long Beach Boulevard Traffic Signal Synchronization Project and is required by said City to give this bond in connection with the execution of said contract;

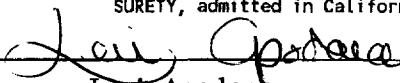
NOW, THEREFORE, if said Principal shall well and truly keep and faithfully perform all of the covenants, conditions, agreements and obligations of said contract on said Principal's part to be kept, done and performed, at the times and in the manner specified therein, then this obligation shall be null and void, otherwise it shall be and remain in full force and effect;

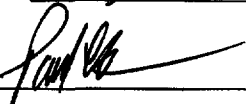
PROVIDED, that any modifications, alterations, or changes which may be made in said contract, or in the work to be done, or in the services to be rendered, or in any materials or articles to be furnished pursuant to said contract, or the giving by the City of any extension of time for the performance of said contract, or the giving of any other forbearance upon the part of either the City of the Principal to the other, shall not in any way release the Principal or the Surety, or either of them, or their respective heirs, administrators, executors, successors or assigns, from any liability arising hereunder, and notice to the Surety of any such modifications, alterations, changes, extensions or forbearances is hereby waived. No premature payment by said City to said Principal shall release or exonerate the Surety, unless the officer of said City ordering the payment shall have actual notice at the time the order is made that such payment is in fact premature, and then only to the extent that such payment shall result in actual loss to the Surety, but in no event in an amount more than the amount of such premature payment.

IN WITNESS WHEREOF, the above-named Principal and Surety have executed, or caused to be executed, this instrument with all of the formalities required by law on this 9th day of March, 2006.

Fidelity and Deposit Company of Maryland,
Liberty Mutual Insurance Company and The
Insurance Company of the State of Pennsylvania
SURETY, admitted in California

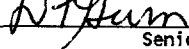
By: 
Name: _____
Title: Timothy J. Erno, President

By: 
Name: Jeri Apodaca
Title: Attorney-in-Fact
Telephone: (949) 608-6300

By: 
Name: Paul C. Roberts
Title: Chief Financial Office & Asst. Secretary

Approved as to form this 17th day of April, 2006.

ROBERT E. SHANNON City Attorney

By: 
Senior Deputy

Approved as to sufficiency this 25 day of April, 2006.

By: 
City Manager/Chief Engineer

- NOTE: 1. Execution of this bond must be acknowledged by both PRINCIPAL and SURETY before a Notary Public and a Notary's certificate of acknowledgment must be attached.
- 2. A corporation must execute the bond by 2 authorized officers and, if executed by a person not listed in Sec. 313, Calif. Corp. Code, then a certified copy of a resolution of its Board of Directors authorizing execution must be attached.

*Maryland, Liberty Mutual Insurance Company and
The Insurance Company of the State of Pennsylvania

**830, Orange, CA 92868; 175 Water Street, New
York, NY 10038

***Massachusetts; New York

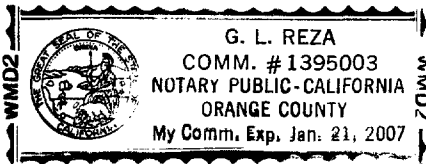
State of California

County of Orange

On March 9, 2006 before me, G.L. Reza, Notary Public,
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Jeri Apodaca,
NAME(S) OF SIGNER(S)

personally known to me - OR - 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.



WITNESS my hand and official seal.

G.L. Reza
SIGNATURE OF NOTARY
G.L. Reza

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

DESCRIPTION OF ATTACHED DOCUMENT

- INDIVIDUAL
- CORPORATE OFFICER

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

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

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

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

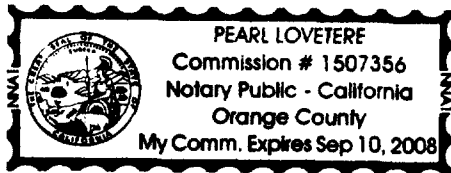
County of Los Angeles

On March 10, 2006 before me, Pearl Lovetere, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy J. Erno,
Name(s) of Signer(s)

personally known to me – OR –

provided 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.



WITNESS my hand and official seal.

Pearl Lovetere

Signature of Notary Public

OPTIONAL

Though the information 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: Faithful Performance Bond

Document Date: 3-9-06 Number of Pages: _____

Signer(s) Other Than Named Above: Paul C. Roberts & Jeri Apodaca

Capacity(ies) Claimed by Signer

Signer's Name: Timothy J. Erno

- Individual
- Corporate Officer – Title(s): President
- Partner – Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer is Representing: Terno, Inc.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

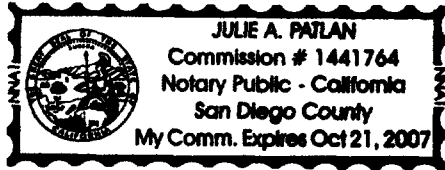
State of California

County of San Diego

On March 14, 2006 before me, Julie A. Patlan, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared Paul C. Roberts,
Name(s) of Signer(s)

personally known to me – OR –

provided 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.



WITNESS my hand and official seal.

Julie A. Patlan

Signature of Notary Public

OPTIONAL

Though the information 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: Bond for Faithful Performance

Document Date: March 9, 2006 Number of Pages: _____

Signer(s) Other Than Named Above: Timothy J. Erno & Jeri Apodaca

Capacity(ies) Claimed by Signer

Signer's Name: Paul C. Roberts

- Individual
- Corporate Officer – Title(s): Chief Financial Officer & Assistant Secretary
- Partner – Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer is Representing: Terno, Inc.

Premium included in charge for
Performance bond

LABOR AND MATERIAL BOND

KNOW ALL MEN BY THESE PRESENTS: That we, TERNO, INC., as PRINCIPAL, and Fidelity and Deposit Company of Maryland, Suite, Glendale, CA 91203; 505 South Main Street,** located at 801 North Brand Blvd., Penthouse Suite, Glendale, CA 91203; 505 South Main Street,** a corporation, incorporated under the laws of the State of Maryland; Massachusetts***, admitted as a surety in the State of California, and authorized to transact business in the State of California, as SURETY, are held and firmly bound unto the CITY OF LONG BEACH, a municipal corporation, in the sum of TWO MILLION, EIGHT HUNDRED FIFTEEN THOUSAND FOUR HUNDRED FORTY SIX DOLLARS (\$ 2,815,446.00), lawful money of the United States of America, for the payment of which sum, well and truly be made, we bind ourselves, our respective heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT:


WHEREAS, said Principal has been awarded and is about to enter the annexed contract (incorporated herein by this reference) with said City of Long Beach for the Long Beach Boulevard Traffic Signal Synchronization Project and is required by law and by said City to give this bond in connection with the execution of said contract;

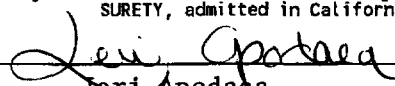
NOW, THEREFORE, if said Principal, as Contractor of said contract, or any subcontractor of said Principal, fails to pay for any materials, provisions, equipment, or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor done thereon, of any kind, or for amounts due under the Unemployment Insurance Act, during the original term of said contract and any extensions thereof, and during the life of any guaranty required under the contract, or shall fail to pay for any materials, provisions, equipment, or other supplies, used in, upon, for or about the performance of the work to be done under any authorized modifications of said contract that may hereafter be made, or for any work or labor done of any kind, or for amounts due under the Unemployment Insurance Act, under said modification, said Surety will pay the same in an amount not exceeding the sum of money hereinabove specified and, in case suit is brought upon this bond, a reasonable attorney's fee, to be fixed by the court; otherwise this obligation shall be void;


PROVIDED, that any modifications, alterations, or changes which may be made in said contract, or in any of the work or labor required to be done thereunder, or in any of the materials, provisions, equipment, or other supplies required to be furnished pursuant to said contract, or the giving by the City of any extension of time for the performance of said contract, or the giving of any other forbearance upon the part of either the City or the Principal to the other, shall not in any way release the Principal or Surety, or either of them, or their respective heirs, administrators, executors, successors or assigns, from any liability arising hereunder, and notice to the Surety of any such modifications, alterations, changes, extensions or forbearances is hereby waived. No premature payment by said City to said Principal shall release or exonerate the Surety, unless the officer of the City ordering the payment shall have actual notice at the time the order is made that the payment is in fact premature, and then only to the extent that such payment shall result in actual loss to the Surety, but in no event in an amount more than the amount of such premature payment.

This bond shall inure to the benefit of any and all persons, companies and corporations entitled by law to file claims so as to give a right of action to them or their assigns in any suit brought upon this bond.

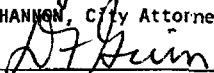
IN WITNESS WHEREOF, the above-named Principal and Surety have executed, or caused to be executed, this instrument with all of the formalities required by law on this 9th day of March, 2006.

By: 
Name: _____
Title: Timothy J. Erno, President


Fidelity and Deposit Company of Maryland, Liberty Mutual Insurance Company and The****
SURETY, admitted in California
By: 
Name: Jeri Apodaca
Title: Attorney-in-Fact
Telephone: (949) 608-6300

By: 
Name: Paul C. Roberts
Title: Chief Financial Office & Asst. Secretary

Approved as to form this 17th day of April, 2006.

ROBERT E. SHANNON, City Attorney
By: 
Senior Deputy

Approved as to sufficiency this 25 day of April, 2006.

By: 
City Manager/City Engineer

- NOTE: 1. Execution of the bond must be acknowledged by both PRINCIPAL and SURETY before a Notary Public and a Notary's certificate of acknowledgment must be attached.
- 2. A corporation must execute the bond by 2 authorized officers and, if executed by a person not listed in Sec. 313, Calif. Corp. Code, then a certified copy of a resolution of its Board of Directors authorizing execution must be attached.

*Maryland, Liberty Mutual Insurance Company and
The Insurance Company of the State of Pennsylvania
**Suite 830, Orange, CA 92868; 175 Water Street,
New York, NY 10038
***New York
****Insurance Company of the State of Pennsylvania

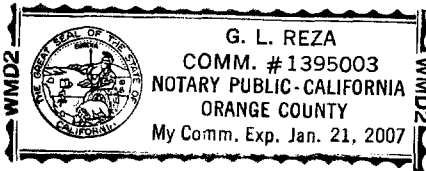
State of California

County of Orange

On March 9, 2006 before me, G.L. Reza, Notary Public,
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Jeri Apodaca,
NAME(S) OF SIGNER(S)

personally known to me - OR - 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.



WITNESS my hand and official seal.

G.L. Reza
SIGNATURE OF NOTARY
G.L. Reza

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

DESCRIPTION OF ATTACHED DOCUMENT

- INDIVIDUAL
- CORPORATE OFFICER

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

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

SIGNER IS REPRESENTING:

NAME OF PERSON(S) OR ENTITY(IES)

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

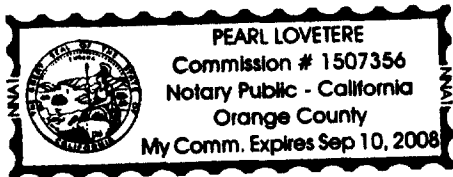
County of Los Angeles

On March 10, 2006 before me, Pearl Lovetere, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy J. Erno,
Name(s) of Signer(s)

personally known to me – OR –

provided 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.



WITNESS my hand and official seal.

Pearl Lovetere

Signature of Notary Public

OPTIONAL

Though the information 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: Labor & Material Bond

Document Date: 3-9-06 Number of Pages: _____

Signer(s) Other Than Named Above: Paul C. Roberts & Jeri Apodaca

Capacity(ies) Claimed by Signer

Signer's Name: Timothy J. Erno

- Individual
- Corporate Officer – Title(s): President
- Partner – Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer is Representing: Terno, Inc.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

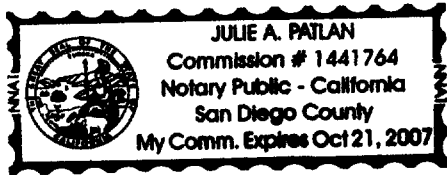
County of San Diego

On March 14, 2006 before me, Julie A. Patlan, Notary Public,
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Paul C. Roberts,
Name(s) of Signer(s)

personally known to me – OR –

provided 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.



WITNESS my hand and official seal.

Julie A. Patlan

Signature of Notary Public

OPTIONAL

Though the information 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: Labor and Material Bond

Document Date: March 9, 2006 Number of Pages: _____

Signer(s) Other Than Named Above: Timothy J. Erno & Jeri Apodaca

Capacity(ies) Claimed by Signer

Signer's Name: Paul C. Roberts

- Individual
- Corporate Officer – Title(s): Chief Financial Officer & Assistant Secretary
- Partner – Limited General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: _____

Signer is Representing: Terno, Inc.

Power of Attorney
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

KNOW ALL MEN BY THESE PRESENTS: That the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, a corporation of the State of Maryland, by PAUL C. ROGERS, Vice President, and T. E. SMITH, Assistant Secretary, in pursuance of authority granted by Article VI, Section 2, of the By-Laws of said Company, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, does hereby nominate, constitute and appoint **Jeri APODACA, of Irvine, California**, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: ~~any and all bonds and undertakings~~, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Company, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Company at its office in Baltimore, Md., in their own proper persons. This power of attorney revokes that issued on behalf of Jeri APODACA, dated September 27, 2001.

The said Assistant Secretary does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article VI, Section 2, of the By-Laws of said Company, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 14th day of April, A.D. 2003.

ATTEST:

FIDELITY AND DEPOSIT COMPANY OF MARYLAND



T. E. Smith

T. E. Smith

Assistant Secretary

By: *Paul C. Rogers*

Paul C. Rogers

Vice President

State of Maryland }
City of Baltimore } ss:

On this 14th day of April, A.D. 2003, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, came PAUL C. ROGERS, Vice President, and T. E. SMITH, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself deposed and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Sandra Lynn Mooney

Sandra Lynn Mooney

Notary Public

My Commission Expires: January 1, 2004

EXTRACT FROM BY-LAWS OF FIDELITY AND DEPOSIT COMPANY OF MARYLAND

“Article VI, Section 2. The Chairman of the Board, or the President, or any Executive Vice-President, or any of the Senior Vice-Presidents or Vice-Presidents specially authorized so to do by the Board of Directors or by the Executive Committee, shall have power, by and with the concurrence of the Secretary or any one of the Assistant Secretaries, to appoint Resident Vice-Presidents, Assistant Vice-Presidents and Attorneys-in-Fact as the business of the Company may require, or to authorize any person or persons to execute on behalf of the Company any bonds, undertakings, recognizances, stipulations, policies, contracts, agreements, deeds, and releases and assignments of judgements, decrees, mortgages and instruments in the nature of mortgages,....and to affix the seal of the Company thereto.”

CERTIFICATE

I, the undersigned, Assistant Secretary of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that the Vice-President who executed the said Power of Attorney was one of the additional Vice-Presidents specially authorized by the Board of Directors to appoint any Attorney-in-Fact as provided in Article VI, Section 2, of the By-Laws of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed."

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company,

this 9th day of March, 2006.


Assistant Secretary

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON RED BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

LIBERTY MUTUAL INSURANCE COMPANY
BOSTON, MASSACHUSETTS
POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS: That Liberty Mutual Insurance Company (the "Company"), a Massachusetts stock insurance company, pursuant to and by authority of the By-law and Authorization hereinafter set forth, does hereby name, constitute and appoint RHONDA C. ABEL, NANETTE MARIELLA-MYERS, JAMES A. SCHALLER, JANE KEPNER, MICHAEL D. PARIZINO, JERI APODACA, RACHELLE RHEAULT, ROSA E. RIVAS, GRACE REZA, ALL OF THE CITY OF IRVINE, STATE OF CALIFORNIA

each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations in the penal sum not exceeding ONE HUNDRED SEVENTY FIVE MILLION AND 00/100 DOLLARS (\$ 175,000,000.00) each, and the execution of such undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents, shall be as binding upon the Company as if they had been duly signed by the president and attested by the secretary of the Company in their own proper persons.

That this power is made and executed pursuant to and by authority of the following By-law and Authorization:

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

By the following instrument the chairman or the president has authorized the officer or other official named therein to appoint attorneys-in-fact:

Pursuant to Article XIII, Section 5 of the By-Laws, Garnet W. Elliott, Assistant Secretary of Liberty Mutual Insurance Company, is hereby authorized to appoint such attorneys-in-fact as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

That the By-law and the Authorization set forth above are true copies thereof and are now in full force and effect.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Company and the corporate seal of Liberty Mutual Insurance Company has been affixed thereto in Plymouth Meeting, Pennsylvania this 12th day of January, 2006.

LIBERTY MUTUAL INSURANCE COMPANY

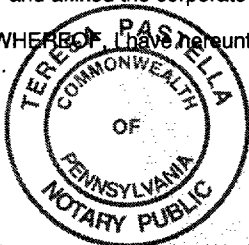


By Garnet W. Elliott, Assistant Secretary

COMMONWEALTH OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 12th day of January, 2006, before me, a Notary Public, personally came Garnet W. Elliott, to me known, and acknowledged that he is an Assistant Secretary of Liberty Mutual Insurance Company; that he knows the seal of said corporation; and that he executed the above Power of Attorney and affixed the corporate seal of Liberty Mutual Insurance Company thereto with the authority and at the direction of said corporation.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Plymouth Twp., Montgomery County
My Commission Expires Mar. 28, 2009
Member, Pennsylvania Association of Notaries

By Teresa Pastella, Notary Public

CERTIFICATE

I, the undersigned, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy, is in full force and effect on the date of this certificate; and I do further certify that the officer or official who executed the said power of attorney is an Assistant Secretary specially authorized by the chairman or the president to appoint attorneys-in-fact as provided in Article XIII, Section 5 of the By-laws of Liberty Mutual Insurance Company.

This certificate and the above power of attorney may be signed by facsimile or mechanically reproduced signatures under and by authority of the following vote of the board of directors of Liberty Mutual Insurance Company at a meeting duly called and held on the 12th day of March, 1980.

VOTED that the facsimile or mechanically reproduced signature of any assistant secretary of the company, wherever appearing upon a certified copy of any power of attorney issued by the company in connection with surety bonds, shall be valid and binding upon the company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said company, this 9th day of March, 2006.



By David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

KNOW ALL MEN BY THESE PRESENTS:

That The Insurance Company of the State of Pennsylvania, a Pennsylvania corporation, does hereby appoint

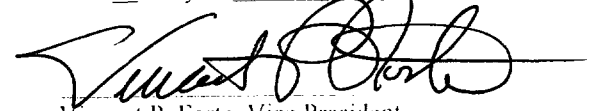
---James A. Schaller, Jane Kepner, Nanette Mariella-Myers, Rhonda C. Abel, Mike Parizino,
Jeri Apodaca, Rachelle Rheault, Rosa E. Rivas, Grace Reza: of Irvine, California---

its true and lawful Attorney(s)-in-Fact, with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business, and to bind the company thereby.

IN WITNESS WHEREOF, The Insurance Company of the State of Pennsylvania has executed these presents

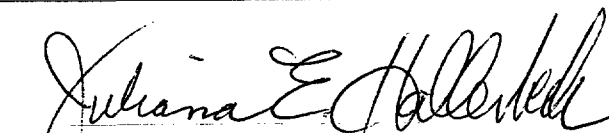


This 12th day of December, 2005


Vincent P. Forte, Vice President

STATE OF NEW YORK }
COUNTY OF NEW YORK}ss.

On this 12th day of December, 2005 before me came the above named officer of The Insurance Company of the State of Pennsylvania, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of said corporation thereto by authority of his office.


JULIANA E. HALLENBECK
NOTARY PUBLIC, STATE OF NEW YORK
No. 01HA6125671
QUALIFIED IN BRONX COUNTY
MY COMMISSION EXPIRES APRIL 18, 2009

CERTIFICATE

Excerpts of Resolution adopted by the Board of Directors of The Insurance Company of the State of Pennsylvania, on May 18, 1976:

"RESOLVED, that the Chairman of the Board, the President, or any Vice President be, and hereby is, authorized to appoint Attorneys-in-Fact to represent and act for and on behalf of the Company to execute bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, and to attach thereto the corporate seal of the Company, in the transaction of its surety business;

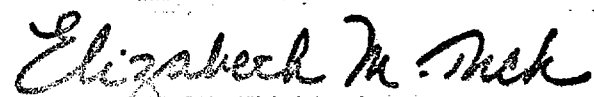
"RESOLVED, that the signatures and attestations of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company when so affixed with respect to any bond, undertaking, recognizance or other contract of indemnity or writing obligatory in the nature thereof;

"RESOLVED, that any such Attorney-in-Fact delivering a secretarial certification that the foregoing resolutions still be in effect may insert in such certification the date thereof, said date to be not later than the date of delivery thereof by such Attorney-in-Fact."

I, Elizabeth M. Tuck, Secretary of The Insurance Company of the State of Pennsylvania, do hereby certify that the foregoing excerpts of Resolution adopted by the Board of Directors of this corporation, and the Power of Attorney issued pursuant thereto, are true and correct, and that both the Resolution and the Power of Attorney are in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of the corporation

this 9th day of March, 2006


Elizabeth M. Tuck, Secretary



**City of Long Beach Minority and Women Owned Business Enterprise
(MBE/WBE) Program**

A. **If the Bidder is a MBE or WBE**, the following work will be performed on this project by the Bidder's work force which has a dollar value of . . . \$ _____

MBE WBE Circle Appropriate Designation Racial Origin:

Certified by _____ * Valid thru _____

B. **** The following MBEs/WBEs are proposed subcontractors on this project:**

1. Company Name: LOOP MASTERS, INC.
Type of Work to be Performed: INSTALL TRAFFIC SENSOR LOOPS
MBE WBE Circle Appropriate Designation Racial Origin:
Certified by CALTRANS * Valid thru:
Dollar Value of Participation \$ 61,420.00

2. Company Name:
Type of Work to be Performed:
MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Participation \$ _____

3. Company Name:
Type of Work to be Performed:
MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Participation \$ _____

4. Company Name:
Type of Work to be Performed:
MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Participation \$ _____

5. Company Name:
Type of materials or supplies to be purchased:

MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Material or Supplies to be Purchased
\$ _____

BIDDER'S PRELIMINARY REPORT (cont'd)

TOTAL DOLLAR VALUE OF MBE SUBCONTRACTS ... \$ 0

TOTAL DOLLAR VALUE OF WBE SUBCONTRACTS ... \$ 61,420.00

* If not formally certified, write in "NA."

** Reproduce and attach additional sheets as needed.

C. **Materials and supplies** required for this project are proposed to be purchased from the following MBEs or WBEs:

1. Company Name:
Type of materials or supplies to be purchased:

MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Material or Supplies to be Purchased \$ _____

2. Company Name:
Type of materials or supplies to be purchased:

MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Material or Supplies to be Purchased \$ _____

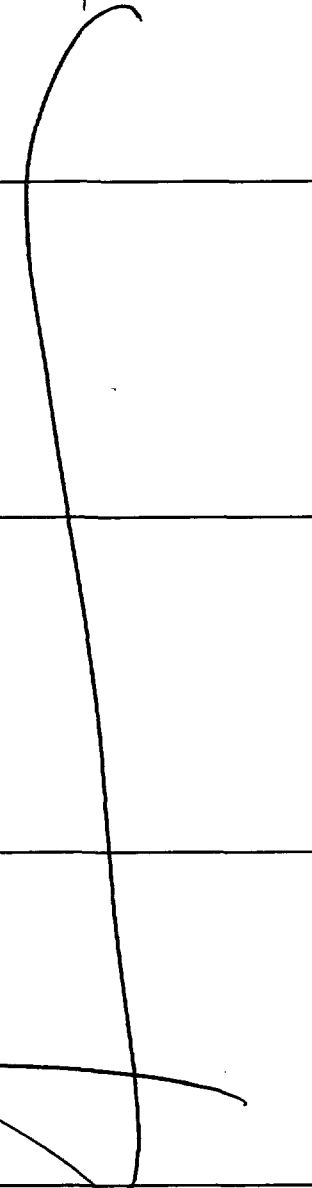
3. Company Name:
Type of materials or supplies to be purchased:

MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Material or Supplies to be Purchased \$ _____

4. Company Name:
Type of materials or supplies to be purchased:

MBE WBE Circle Appropriate Designation Racial Origin:
Certified by _____ * Valid thru:
Dollar Value of Material or Supplies to be Purchased \$ _____

N/A



CALIFORNIA STATE BOARD OF EQUALIZATION
USE TAX DIRECT PAYMENT PERMIT



ACCOUNT NUMBER

DRAFT

THIS PERMIT DOES NOT AUTHORIZE THE HOLDER TO ENGAGE IN ANY BUSINESS CONTRARY TO LAWS REGULATING THAT BUSINESS OR TO POSSESS OR OPERATE ANY ILLEGAL DEVICE.

IS HEREBY AUTHORIZED PURSUANT TO SALES AND USE TAX LAW SECTION 7051.3 TO SELF-ASSESS AND PAY USE TAX DIRECTLY TO THE STATE OF CALIFORNIA

THIS PERMIT IS NOT A SELLER'S PERMIT TO ENGAGE IN SALES OF TANGIBLE PERSONAL PROPERTY

THIS PERMIT IS VALID UNTIL REVOKED OR CANCELED BUT IS NOT TRANSFERABLE. IF YOU SELL YOUR BUSINESS, OR DROP OUT OF A PARTNERSHIP, NOTIFY US OR YOU COULD BE RESPONSIBLE FOR SALES AND USE TAXES OWED BY THE NEW OPERATOR OF THE BUSINESS.

BOE-442-DPLZ (1-98)

**NOTICE TO INDIVIDUALS REGARDING
INFORMATION FURNISHED TO THE BOARD OF EQUALIZATION**

The Information Practices Act of 1977 and the Federal Privacy Act requires this agency to provide the following notice to individuals who are asked by the State Board of Equalization (Board) to supply information, including the disclosure of the individual's social security account number.

Individuals applying for permits, certificates, or licenses, or filing tax returns, statements, or other forms prescribed by this agency, are required to include their social security numbers for proper identification. [See Title 42 United States Code Section 405(c)(2)(C)(i)]. It is mandatory to furnish all the appropriate information requested by applications for registration, applications for permits or licenses, tax returns and other related data. Failure to provide all of the required information requested by an application for a permit or license could result in your not being issued a permit or license. In addition, the law provides penalties for failure to file a return, failure to furnish specific information required, failure to supply information required by law or regulations, or for furnishing fraudulent information.

Provisions contained in the following laws require persons meeting certain requirements to file applications for registration, applications for permits or licenses, and tax returns or reports in such form as prescribed by the State Board of Equalization: Alcoholic Beverage Tax, Sections 32001-32556; Childhood Lead Poisoning Prevention Fee, Sections 43001-43651, Health & Safety Code, Sections 105275-105310; Cigarette and Tobacco Products Tax, Sections 30001-30481; Diesel Fuel Tax, Sections 60001-60709; Emergency Telephone Users Surcharge, Sections 41001-41176; Energy Resources Surcharge, Sections 40001-40216; Hazardous Substances Tax, Sections 43001-43651; Integrated Waste Management Fee, Sections 45001-45981; International Fuel Tax Agreement, Sections 9401-9433; Motor Vehicle Fuel License Tax, Sections 7301-8405; Occupational Lead Poisoning Prevention Fee, Sections 43001-43651, Health & Safety Code, Sections 105175-105197; Oil Spill Response, Prevention, and Administration Fees, Sections 46001-46751, Government Code, Sections 8670.1-8670.53; Publicly Owned Property, Sections 1840-1841; Sales and Use Tax, Sections 6001-7279.6; State Assessed Property, Sections 721-868, 4876-4880, 5011-5014; Tax on Insurers, Sections 12001-13170; Timber Yield Tax, Sections 38701-38908; Tire Recycling Fee, Sections 55001-55381; Public Resources Code, Sections 42860-42895; Underground Storage Tank Maintenance Fee, Sections 50101-50161, Health & Safety Code, Sections 25280-25299.96; Use Fuel Tax, Sections 8601-9355.

The principal purpose for which the requested information will be used is to administer the laws identified in the preceding paragraph. This information is also used for the determination and collection of the correct amount of tax. Information you furnish to the Board may be used for the purpose of collecting tax liability.

As authorized by law, information requested by an application for a permit or license could be disclosed to other agencies, including, but not limited to, the proper officials of the following: 1) United States governmental agencies: U.S. Attorney's Office; Bureau of Alcohol, Tobacco and Firearms; Depts. of Agriculture, Defense, Justice; Federal Bureau of Investigation; General Accounting Office; Internal Revenue Service; the Interstate Commerce Commission; 2) State of California governmental agencies and officials: Air Resources Board; Dept. of Alcoholic Beverage Control; Auctioneer Commission; Employment Development Department; Energy Commission; Exposition and Fairs; Food & Agriculture; Board of Forestry; Forest Products Commission; Franchise Tax Board; Dept. of Health Services; Highway Patrol; Dept. of Housing & Community Development; California Parent Locator Service; 3) State agencies outside of California for tax enforcement purposes; and 4) city attorneys and city prosecutors; county district attorneys, sheriff departments.

As an individual, you have the right to access personal information about you in records maintained by the State Board of Equalization. Please contact your local Board office listed in the white pages of your telephone directory for assistance. If the local Board office is unable to provide the information sought, you may also contact the Disclosure Office in Sacramento by telephone at (916) 445-2918. The Board officials responsible for maintaining this information, who can be contacted by telephone at (916) 445-6484, are: Sales and Use Tax, Deputy Director, Sales and Use Tax Department, 450 N Street, M/C 43, Sacramento, CA 95814; Excise Taxes, Fuel Taxes and Environmental Fees, Deputy Director, Special Taxes Department, 450 N Street, M/C 31, Sacramento, CA 95814.

*All references are to the California Revenue and Taxation Code, unless otherwise indicated.

NOTICE TO INDIVIDUALS REGARDING INFORMATION FURNISHED TO THE BOARD OF EQUALIZATION

The Information Practices Act of 1977 and the Federal Privacy Act requires this agency to provide the following notice to individuals who are asked by the State Board of Equalization (Board) to supply information, including the disclosure of the individual's social security account number.

Individuals applying for permits, certificates, or licenses, or filing tax returns, statements, or other forms prescribed by this agency, are required to include their social security numbers for proper identification. [See Title 42 United States Code §405(c)(2)(C)(i)]. It is mandatory to furnish all the appropriate information requested by applications for registration, applications for permits or licenses, tax returns and other related data. Failure to provide all of the required information requested by an application for a permit or license could result in your not being issued a permit or license. In addition, the law provides penalties for failure to file a return, failure to furnish specific information required, failure to supply information required by law or regulations, or for furnishing fraudulent information.

Provisions contained in the following laws require persons meeting certain requirements to file applications for registration, applications for permits or licenses, and tax returns or reports in such form as prescribed by the State Board of Equalization: Alcoholic Beverage Tax, Sections¹ 32001-32556; Childhood Lead Poisoning Prevention Fee, Sections 43001-43651, Health & Safety Code, Sections 105275-105310; Cigarette and Tobacco Products Tax, Sections 30001-30481; Diesel Fuel Tax, Sections 60001-60709; Emergency Telephone Users Surcharge, Sections 41001-41176; Energy Resources Surcharge, Sections 40001-40216; Hazardous Substances Tax, Sections 43001-43651; Integrated Waste Management Fee, Sections 45001-45984; International Fuel Tax Agreement, Sections 9401-9433; Motor Vehicle Fuel License Tax, Sections 7301-8405; Occupational Lead Poisoning Prevention Fee, Sections 43001-43651, Health & Safety Code, Sections 105175-105197; Oil Spill Response, Prevention, and Administration Fees, Sections 46001-46751, Government Code, Sections 8670.1-8670.53; Publicly Owned Property, Sections 1840-1841; Sales and Use Tax, Sections 6001-7279.6; State Assessed Property, Sections 721-868, 4876-4880, 5011-5014; Tax on Insurers, Sections 12001-13170; Timber Yield Tax, Sections 38101-38908; Tire Recycling Fee, Sections 55001-55381, Public Resources Code, Sections 42860-42895; Underground Storage Tank Maintenance Fee, Sections 50101-50161, Health & Safety Code, Sections 25280-25299.96; Use Fuel Tax, Sections 8601-9355.

The principal purpose for which the requested information will be used is to administer the laws identified in the preceding paragraph. This includes the determination and collection of the correct amount of tax. Information you furnish to the Board may be used for the purpose of collecting any outstanding tax liability.

As authorized by law, information requested by an application for a permit or license could be disclosed to other agencies, including, but not limited to, the proper officials of the following: 1) United States governmental agencies: U.S. Attorney's Office; Bureau of Alcohol, Tobacco and Firearms; Depts. of Agriculture, Defense, Justice; Federal Bureau of Investigation; General Accounting Office; Internal Revenue Service; the Interstate Commerce Commission; 2) State of California governmental agencies and officials: Air Resources Board; Dept. of Alcoholic Beverage Control; Auctioneer Commission; Employment Development Department; Energy Commission; Exposition and Fairs; Food & Agriculture; Board of Forestry; Forest Products Commission; Franchise Tax Board; Dept. of Health Services; Highway Patrol; Dept. of Housing & Community Development; California Parent Locator Service; 3) State agencies outside of California for tax enforcement purposes; and 4) city attorneys and city prosecutors; county district attorneys, sheriff departments.

As an individual, you have the right to access personal information about you in records maintained by the State Board of Equalization. Please contact your local Board office listed in the white pages of your telephone directory for assistance. If the local Board office is unable to provide the information sought, you may also contact the Disclosure Office in Sacramento by telephone at (916) 445-2918. The Board officials responsible for maintaining this information, who can be contacted by telephone at (916) 445-6464, are: Sales and Use Tax, Deputy Director, Sales and Use Tax Department, 450 N Street, MIC:43, Sacramento, CA 95814; Excise Taxes, Fuel Taxes and Environmental Fees, Deputy Director, Special Taxes Department, 450 N Street, MIC:31, Sacramento, CA 95814; Property Taxes, Deputy Director, Property Taxes Department, 450 N Street, MIC:63, Sacramento, CA 95814.

¹All references are to the California Revenue and Taxation Code unless otherwise indicated.