

Non Lobbying Certification For Federal Aid Contracts

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$10,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

<p>1. Type of Federal Action:</p> <p><input type="checkbox"/> a. contract</p> <p><input type="checkbox"/> b. grant</p> <p><input type="checkbox"/> c. cooperative agreement</p> <p><input type="checkbox"/> d. loan</p> <p><input type="checkbox"/> e. loan guarantee</p> <p><input type="checkbox"/> f. loan insurance</p>	<p>2. Status of Federal Action:</p> <p><input type="checkbox"/> a.</p> <p><input type="checkbox"/> b. initial award</p> <p><input type="checkbox"/> c. post-award</p>	<p>3. Report Type:</p> <p><input type="checkbox"/> a. initial</p> <p><input type="checkbox"/> b. material change</p> <p>For Material Change Only:</p> <p>year _____ quarter _____</p> <p>date of last report _____</p>
<p>4. Name and Address of Reporting Entity</p> <p><input type="checkbox"/> Prime <input type="checkbox"/> Subawardee</p> <p style="padding-left: 40px;">Tier, if known</p> <p>Congressional District, if known _____</p>	<p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</p> <p>Congressional District, if known _____</p>	
<p>6. Federal Department/Agency:</p>	<p>7. Federal Program Name/Description:</p> <p>CFDA Number, if applicable _____</p>	
<p>8. Federal Action Number, if known:</p>	<p>9. Award Amount, if known:</p>	
<p>10. a. Name and Address of Lobby Entity (If individual, last name, first name, MI)</p>	<p>b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI)</p>	
<p>(attach Continuation Sheet(s) if necessary)</p>		
<p>11. Amount of Payment (check all that apply)</p> <p>\$ _____ <input type="checkbox"/> actual <input type="checkbox"/> planned</p>	<p>13. Type of Payment (check all that apply)</p> <p><input type="checkbox"/> a. retainer</p> <p><input type="checkbox"/> b. one-time fee</p> <p><input type="checkbox"/> c. commission</p> <p><input type="checkbox"/> d. contingent fee</p> <p><input type="checkbox"/> e. deferred</p> <p><input type="checkbox"/> f. other, specify _____</p>	
<p>12. Form of Payment (check all that apply):</p> <p><input type="checkbox"/> a. cash</p> <p><input type="checkbox"/> b. in-kind; specify: nature value _____</p>		
<p>14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11:</p> <p style="text-align: center;">(attach Continuation Sheet(s) if necessary)</p>		
<p>15. Continuation Sheet(s) attached: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>		
<p>16. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature: _____ - N/A -</p> <p>Print Name: _____ - N/A -</p> <p>Title: _____ - N/A -</p> <p>Telephone No.: _____ Date: _____</p>	

Federal Use Only:

Authorized for Local Reproduction
Standard Form - LLL

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of covered Federal action or a material change to previous filing pursuant to title 31 U.S.C. section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered Federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Subawardee" then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description of the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant or loan award number, the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state, and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced the covered Federal action.
(b) Enter the full names of the individual(s) performing services and include full address if different from 10(a). Enter Last Name, First Name and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with Federal officials. Identify the Federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public Reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

BID BOND

Recitals:

1. GRANITE CONSTRUCTION COMPANY "Contractor", has submitted his Contractor's Proposal to County of Riverside, "County", for the construction of public work for INDIAN CANYON DRIVE & I-10 INTERCHANGE RECONSTRUCTION in accordance with a Notice Inviting Bids of County dated 3/16/10.
2. FEDERAL INSURANCE COMPANY an INDIANA corporation, hereafter called "Surety", is the surety of this Bond.

Agreement:

We, Contractor as principal and Surety as surety, jointly and severally agree and state as follows:

1. The amount of the obligation of this bond is 10% of the amount of the Contractor's Proposal, including bid alternates, and inures to the benefit of County.
2. This Bond is exonerated by (1) County rejecting said Proposal or, in the alternate, (2) if said Proposal is accepted, Contractor executes the Agreement and furnishes the Bonds as agreed to in its Proposal, otherwise it remains in full force and effect for the recovery of loss, damage and expense of County resulting from failure of Contractor to act as agreed to in its Proposal. Some types of possible loss, damage and expense are specified in the Contractor's Proposal.
3. Surety, for value received, stipulates and agrees that its obligations hereunder shall in no way be impaired or affected by any extension of time within which County may accept the Proposal and waives notice of any such extension.
4. This Bond is binding on our heirs, executors, administrators, successors and assigns.

Dated: April 22, 2010

FEDERAL INSURANCE COMPANY
 By CJ
Cynthia P. Johnson
 Title: Attorney in Fact
 "Surety"

GRANITE CONSTRUCTION COMPANY
 By Jigisha Desai
Jigisha Desai
 Title: Vice President
 "Contractor"

STATE OF CALIFORNIA }
 COUNTY OF SANTA CRUZ } ss. SURETY'S ACKNOWLEDGEMENT

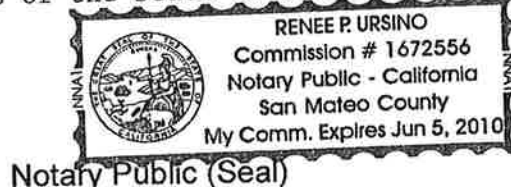
On April 22, 2010 before me, Renee P. Ursino, Notary Public personally appeared, Cynthia P. Johnson, Attorney-in-Fact known to me, or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacities, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
 WITNESS my hand and official seal.

Renee P. Ursino # 4408
 Signature of Notary Public

Renee P. Ursino

Note: All signatures must be notarized



*PLEASE SEE ATTACHED POWER-OF-ATTORNEY FOR SURETY, and CALIFORNIA NOTARIAL ACKNOWLEDGEMENT #4410 FOR PRINCIPAL... B27

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Cruz

On 04/22/2010
Date

before me,

Renee P. Ursino, Notary Public

Here Insert Name and Title of the Officer

personally appeared

Jigisha Desai, Vice President

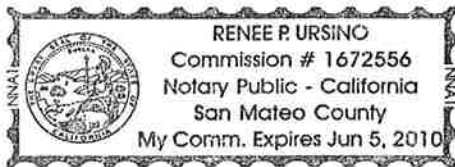
Name(s) of Signer(s)

Granite Construction Company

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

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

WITNESS my hand and official seal.



Place Notary Seal Above

Signature Renee P. Ursino # 4410

Signature of Notary Public

Renee P. Ursino, Notary Public

OPTIONAL

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

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

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

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing: _____

Signer's Name: _____

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

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer Is Representing: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
 County of Santa Cruz

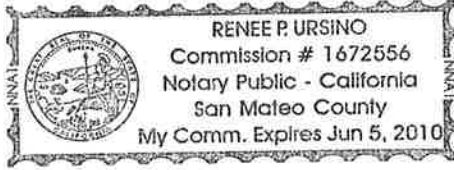
On 04/22/2010 before me, Renee P. Ursino, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Cynthia P. Johnson
Name(s) of Signer(s)
Attorney-in-Fact

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

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

WITNESS my hand and official seal.



Signature Renee Ursino #4408
Signature of Notary Public Renee P. Ursino, Notary Public

Place Notary Seal Above

OPTIONAL

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

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Capacity(ies) Claimed by Signer(s)

- Signer's Name: _____
- Individual
 - Corporate Officer — Title(s): _____
 - Partner — Limited General
 - Attorney in Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____



Signer Is Representing: _____

- Signer's Name: _____
- Individual
 - Corporate Officer — Title(s): _____
 - Partner — Limited General
 - Attorney in Fact
 - Trustee
 - Guardian or Conservator
 - Other: _____



Signer Is Representing: _____



**Chubb
Surety**

**POWER
OF
ATTORNEY**

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

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

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint **Jigisha Desai, John Gilliland, Cynthia P. Johnson, Kathleen Schreckengost, Ananya Mukherjee and Eve Perez of Watsonville, California**

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business on behalf

in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation. And the execution of such bond or obligation by such Attorney-in-Fact in the Company's name and on its behalf as surety thereon or otherwise, under its corporate seal, in pursuance of the authority hereby conferred shall, upon delivery thereof, be valid and binding upon the Company.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this **17th day of December, 2009**


Kenneth C. Wendel, Assistant Secretary


David B. Norris, Jr., Vice President

STATE OF NEW JERSEY

ss.

County of Somerset

On this, **17th** day of **December, 2009** before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel, being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with David B. Norris, Jr., and knows him to be Vice President of said Companies; and that the signature of David B. Norris, Jr., subscribed to said Power of Attorney is in the genuine handwriting of David B. Norris, Jr., and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Notarial Seal



STEPHEN B. BRADT
Notary Public, State of New Jersey
No. 2321097
Commission Expires Oct. 25, 2014


Notary Public

CERTIFICATION

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

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

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

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

Given under my hand and seals of said Companies at Warren, NJ this

04/22/2010




Kenneth C. Wendel, Assistant Secretary

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

GRANITE CONSTRUCTION COMPANY

CERTIFICATE OF SECRETARY

RESOLVED, that, effective January 1, 2010 through December 31, 2010, the individuals named on the attached Exhibit 1 are authorized to negotiate, execute and attest electronic and paper documents necessary for the conduct of the Company's affairs with respect to the submission and execution of construction project bids, bid proposals, bid addenda and all other bid-related documents prepared and submitted on behalf of the Company not to exceed \$25 million, relating to any and all domestic construction projects arising out of the Company's operations.

I, Michael Futch, do hereby certify that I am duly qualified as Secretary of GRANITE CONSTRUCTION COMPANY, a California corporation (the "Company"); that the foregoing is a true and correct copy of a resolution duly adopted effective January 1, 2010 by unanimous written consent of the Executive Committee of the Board of Directors, held without a meeting in accordance with the provisions of Article III, Sections 9 and 15 of the Bylaws of the Company; that the Directors acting were duly and regularly elected; and that the resolution adopted has not been modified or repealed and is still in full force and effect.

Dated: February 11, 2010



Michael Futch

EXHIBIT 1

AUTHORIZED SIGNERS
Granite Construction Company
Southern California Area

DESIGNATED SIGNERS

Patrick C. Kelly, Area Manager
David A. Donnelly, San Diego Area Manager
Brad J. Williams, Manager of Construction
John P. Douglas, Chief Estimator
Jeff J. Mercer, Area Manager
Dave P. Lowry, Business Manager
Mark A. Chalfa, Indio Construction Manager

ATTESTORS

Patrick C. Kelly, Area Manager
David A. Donnelly, San Diego Area Manager
Brad J. Williams, Manager of Construction
John P. Douglas, Chief Estimator
Jeff J. Mercer, Area Manager
Dave P. Lowry, Business Manager
Mark A. Chalfa, Indio Construction Manager

GRANITE CONSTRUCTION COMPANY

CERTIFICATE OF SECRETARY

I, Michael Futch, Secretary of GRANITE CONSTRUCTION COMPANY, a California corporation (the "Company"), do hereby certify that the following is a true and correct copy of resolutions duly adopted on March 26, 2010 by unanimous written consent and without a meeting in accordance with the provisions of Article III, Section 9 of the Bylaws of the Company; that the Directors acting were duly and regularly elected; and that the resolutions adopted at said meeting have not been repealed and are still in full force and effect:

AUTHORIZATION TO EXECUTE DOCUMENTS AND AGREEMENTS

RESOLVED, that the below listed individuals are authorized to execute documents and agreements in connection with the operations of this Company:

William G. Dorey	President & CEO
LeAnne M. Stewart	Senior Vice President, CFO, Corporate Compliance Officer & Assistant Secretary
James H. Roberts	Executive Vice President and Chief Operating Officer
Michael F. Donnino	Senior Vice President, Group 1 Manager & Assistant Secretary
Thomas S. Case	Vice President, Group 2 Manager & Assistant Secretary
Jigisha Desai	Vice President, Treasurer, Assistant Financial Officer & Assistant Secretary
John A. Franich	Vice President, Group 3 Manager & Assistant Secretary
Michael Futch	Vice President, General Counsel & Secretary
Randy J. Kremer	Vice President, Manager of Construction Materials & Assistant Secretary
Laurel J. Krzeminski	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kent H. Marshall	Vice President, Director of Business Development & Assistant Secretary
Jay L. McQuillen, Jr.	Vice President, Group 4 Manager & Assistant Secretary
Margaret B. Wynn	Vice President of Human Resources & Assistant Secretary
Thomas M. Bodeman	Director of Corporate Taxation and Assistant Secretary

RESOLVED FURTHER, that the below listed individual of Granite Construction Incorporated, parent of the Company, is authorized to execute documents and agreements in connection with the operations of this Company:

Ananya Mukherjee	Assistant Treasurer
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RESOLVED FURTHER, that the authority provided herein is subject to the limits of authority previously approved and the Granite Construction Incorporated Delegation of Authority and Policy then in effect.

AUTHORIZATION TO ATTEST DOCUMENTS AND AGREEMENTS

RESOLVED FURTHER, that the below listed individuals are authorized to attest documents and agreements in connection with the operations of the Company:

William G. Dorey	President & CEO
LeAnne M. Stewart	Senior Vice President, CFO, Corporate Compliance Officer & Assistant Secretary
Mark E. Boitano	Executive Vice President
James H. Roberts	Executive Vice President and Chief Operating Officer
Michael F. Donnino	Senior Vice President, Group 1 Manager & Assistant Secretary
Thomas S. Case	Vice President, Group 2 Manager & Assistant Secretary
Jigisha Desai	Vice President, Treasurer, Assistant Financial Officer & Assistant Secretary
John A. Franich	Vice President, Group 3 Manager & Assistant Secretary
Michael Futch	Vice President, General Counsel & Secretary
Randy J. Kremer	Vice President, Manager of Construction Materials & Assistant Secretary
Laurel J. Krzeminski	Vice President, Controller, Assistant Financial Officer & Assistant Secretary
Kent H. Marshall	Vice President, Director of Business Development & Assistant Secretary
Jay L. McQuillen, Jr.	Vice President, Group 4 Manager & Assistant Secretary
Margaret B. Wynn	Vice President of Human Resources & Assistant Secretary
Thomas M. Bodeman	Director of Corporate Taxation and Assistant Secretary
Richard A. Watts	Assistant General Counsel, Group 4 Counsel & Assistant Secretary
Kenneth M. Smith	Group 1 Counsel & Assistant Secretary
Jason M. Jasper	Group 2 Counsel & Assistant Secretary
Heather J. Lenhardt	Group 3 Counsel & Assistant Secretary

RESOLVED FURTHER, that the below listed individual of Granite Construction Incorporated, parent of the Company, is authorized to attest documents and agreements in connection with the operations of this Company:

Ananya Mukherjee Assistant Treasurer

Dated: April 20, 2010



Michael Futch



State of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE



License Number

89

Entity

CORP

Business Name

GRANITE CONSTRUCTION COMPANY

Classification(s)

**C36 C10 A B C57 C-2 C-8 G12
C21 C27 C29 C35 C42 C45 C39
C50 C51 HAZ C31**

Expiration Date

05/31/2011



COPY



COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



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

Transportation Department

ADDENDUM NUMBER 1
Dated April 15, 2010

to the
Specifications and Contract Documents
for the construction of

I-10/ Indian Canyon Drive
Interchange Improvement Project
Project No A8-0372
ESPLHPLU-5282(034)
Federal Aid No. HP21L-5282(035)

Bids Due: Wednesday, April 28, 2010; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to Section 3-1.04 of the Contract Document for the referenced project. This Addendum is issued as a supplement to the plans, specifications and special provisions for the referenced project. Any revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

MODIFICATIONS / CLARIFICATIONS TO THE PLANS FOR I-10/INDIAN CANYON DRIVE INTERCHANGE PROJECT:

- Item 1: The following Plans are revised by Attachment "A" and made a part hereof:**
- Revise "Construction Plan", sheet 1 – 358, sheets 1 – 324 are plotted to scale
 - Revise "Typical Cross Section", sheet 4 of 358 (X-3)
 - Revise "Construction Details", sheet 75 – 78 of 358 (C-30 through C-33)
 - Revise "Contour Grading", sheet 123-131 of 358 (G-1 through G-9) re-plotted for contour lines
 - Revise "Utility Plans", sheet 162-168 of 358 (U-1 through U-7)
 - Revise "Stage Construction", sheet 177 of 358 (SC-1)
 - Revise "Lighting and Sign Illumination", sheet 293, 296 (E-4, E-7)
 - Revise "Ramp Metering", sheet 300 – 303 of 358, (E-11 through E-14)
 - Revise "Signal and Lighting", sheet 307, 309, 312 and 316, of 358, (E-18, E-20, E-23 and E-27)
 - Refer to sheet E-26 (sheet 315 of 358). In Construction Note No. 1 "Model 2070" is replaced with "Model 170E"

See Attachment "A"

Item 2: **Project Information.** The following information is available as a free download for use by the Contractor at the following County website:

http://www.rctlma.org/trans/con_bid_advertisements.html

- Cross sections
- Structure Foundation Report
- Materials Report
- Geotechnical Report
- Bridge and Interchange As-Built Plans
- Stormwater Data Report
- Amendments to the Caltrans Standard Specifications Dated July 1999 (Issued 02-11-10)
- Supplemental Project Information, Section 10-1.08, Clarification:

Supplemental project information attached to the project plans are:

1. Log Test Borings (Provided in the plans and Geotechnical Report)

Supplemental project information included in the Information Handout are:

1. Foundation Recommendation (See above).
2. Programmatic Biological Opinion (September 23, 2004). [See Item # 48 and Attachment E of this addendum]
3. Appended Biological Opinion (June 22, 2006). [See Item #48 and Attachment E of this addendum]
4. Bridge as-built drawings are available (See above).

The attachments (and downloadable files) are provided for reference only. The County of Riverside Transportation Department does not guarantee the accuracy of this data.

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS

Item 3: **Revised Proposal.** Refer to "Proposal" page B2-B7 (Book 1 of 2). Proposal (pages B2-B7) is deleted and replaced with revised "Proposal" attached herewith as **Attachment "B"**. The following additional changes have been made to the Proposal Schedules:

- a. "Estimated Quantities" are changed from the following bid items:
 - Item 27, "PORTABLE CHANGEABLE MESSAGE SIGN"
- b. The following bid items have titles and unit of measurements revised; and additionally, price costs are fixed at a set price:
 - Item 138, "TRAFFIC SIGNAL CONTROLLER ASSEMBLY [WITH BATTERY BACK-UP]"
 - Item 139, "MODEL 170 CONTROLLER ASSEMBLY [RAMP METER]"
- c. The following bid items have been deleted:
 - Item 5, "MAINTAIN TRAFFIC"

- d. The following bid items have been added as an Alternate Bid schedule:
- Item 166, "ADJUST WATER VALVE COVER TO GRADE"

See Attachment "B"

Item 4: **Hours of Work.** Refer to Section 4 "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES" (Book 1 of 2, page 20, paragraph two) is deleted and replaced to read as follows:

"Hours of construction activities as identified in the Riverside County Municipal Code, Section 15.04.020, General Regulations shall be limited to hours specified. The permissible hours for construction are 7:00 am to 6:00 pm from October 1 through May 30 and from 6 am to 6 pm from June 1 through September 30. Limited exceptions will be permitted for those activities requiring lane closures that are only allowed during the restricted times. Such activities are to be conducted in accordance with "Maintaining Traffic" of the Standard Specifications and these Special Provisions and as directed by the Engineer. "

Item 5: **Beginning of Work, Time of Completion and Liquidated Damages.** Refer to Book 1 of 2, page 19), Section 4 "Beginning of Work, Time of Completion and Liquidated Damages". Modify the number of working days from 520 to **420** working days.

Item 6: **Payments.** Refer to Book 1 of 2, page 29, Section 5-1.13 "Payments". Last sentence of the first paragraph (No partial payment in the work) is deleted.

Item 7: **Item Not Used.**

Item 8: **Federal Minimum Wage Rate.** Refer to Book 1 of 2, Section 5-2, "Federal Prevailing Wage Decision", pages 1 through 22. Delete and replace with:

"Federal wage determination, General Decision no. CA20080036 - CA36, Modification no. 31, dated **3/12/2010**, shall apply to this project. This document is available upon request from the Transportation Department: (951) 955-6780.

Item 9: **Federal Requirement Training.** Refer to Book 2 of 2, page 74, Section 10-1.02 "Federal Requirement Training". The last paragraph (Payment clause) is deleted and replaced with the following:

"Payment – Full compensation, except as otherwise provided herein, for conforming to the requirements of this article shall be paid for on a lump sum bases as Federal Trainee Program and no additional compensation will be allowed therefor. "

Item 10: **Construction Project Information Signs.** Refer to Book 2 of 2, page 75, Section 10-1.03 "Construction Project Information Signs". The first paragraph is deleted and replaced with the following:

"Two weeks before starting any major physical construction work readily visible to highway users in this contract, the Contractor shall furnish and erect 2 Type 2 Construction Project Information Signs, 4 Recovery ACT Funding Identification Signs (Type C) and 2 Construction Funding Signs at the locations designated by the Engineer. Refer to Appendix C, Recovery Act Funding Sign Policy for specific sign details. Refer to **Attachment "C"** for specific sign detail for the Construction Funding Signs. On completion of the project, the Contractor shall remove and dispose of the Construction Project Information Signs, Recovery Act Funding Identification Signs and the Construction Funding Signs."

See Attachment "C"

Item 11: **Relations with United States Fish and Wildlife Service.** Refer to Book 2 of 2, page 82 Section 10-1.10 "Relations with United States Fish and Wildlife Service". This section is deleted from the special provisions.

Item 12: **Environmentally Sensitive Area.** Refer to Book 2 of 2, page 85, Section 10-1.13 "Environmentally Sensitive Area" The following additional Special Provisions are added to this article:

"Equipment and material storage and staging areas shall be approved by the biological monitor.

All trash shall be stored in covered trash receptacles and shall be removed from the project site weekly. The contractor shall police the construction site for food-related trash at the end of each construction day and properly dispense."

Item 13: **Temporary Hydraulic Mulch (Polymer Stabilized Fiber Matrix).** Refer to Book 2 of 2, Section 10-1.28, page 129, 5th paragraph, "Measurement and Payment" The last paragraph (The contract....by the Engineer) is deleted and replaced with the following:

"The contract price paid per square meter for Temporary Hydraulic Mulch (Polymer Stabilized Fiber Matrix) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in applying temporary hydraulic mulch, complete in place, including maintenance, removal of hydraulic mulch, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer."

Item 14: **Temporary Fiber Roll.** Refer to Book 2 of 2, Section 10-1.31, and page 136, "Measurement and Payment". The last paragraph (The contract price....by the Engineer) is deleted and replaced with the following:

"The contract price paid per meter for Temporary Fiber Roll shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing temporary fiber rolls, complete in place, including maintenance, furrow excavation and backfill, and removal, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer."

Item 15: **Temporary Construction Entrance.** Refer to Book 2 of 2, Section 10-1.35 " and page 144, "Temporary Construction Entrance". The third paragraph is deleted and replaced with the following:

"Temporary construction entrances shall be Type 1".

Item 16: **Temporary Construction Entrance.** Refer to Book 2 of 2, Section 10-1.35, and page 145, "delete the special provision for "**Corrugated Steel Panels**".

Item 17: **Dust Control.** Refer to Book 2 of 2, page 162, Section 10-1.41 Payment clause is deleted and replaced with the following:

"Full compensation for conforming to the requirement of this article shall be paid for on a lump sum bases under Dust Abatement and no additional compensation will be allowed therefor."

Item 18: **Payment.** Refer to Book 2 of 2, page 163, Section 10-1.42 "Payment" delete item "D" "Prepare Storm Water Pollution Prevention Plan and replace with "Water Pollution Control."

Item 19: **Maintaining Traffic.** Refer to Book 2 of 2, page 167, Section 10-1.46 "Maintaining Traffic" following paragraph are added to the special provisions:

"Driveways must remain open at all times, as directed by the Engineer. A minimum of two driveways must remain open to the Shell gas station.

Full compensation for Maintaining Traffic shall be paid for under "Traffic Control Systems" and no additional compensation will be allowed therefor."

Item 20: **Temporary Pavement Delineation.** Refer to Book 2 of 2, page 180, Section 10-1.50, under title "**General.**" The fourth paragraph (Temporary pavement....by the Engineer) is deleted.

Item 21: **Temporary Pavement Delineation.** Refer to Book 2 of 2, Section 10-1.50 and pages 181 and 182 under title "**Temporary Edgeline Delineation**". The following Special Provision is added:

"Full compensation for furnishing, placing, maintaining, and removing temporary pavement markers used for temporary edgeline delineation and for providing equivalent patterns of permanent traffic lines for these areas when required shall be considered as included in the contract price paid for the items of work that obliterated the edgeline pavement delineation and no separate payment will be made therefor."

Item 22: **Portable Changeable Message Sign.** Refer to Book 2 of 2, page 184, Section 10-1.52 "Portable Changeable Message Sign" The first sentence (Portable changeable....the Engineer.) of the second paragraph is deleted and replaced with the following:

"Portable changeable message signs shall be furnished, placed, operated and maintained as directed by the Engineer."

Item 23: Existing Highway Facilities. Refer to Book 2 of 2, Section 10-1.58, page 198 under title "**Measurement and Payment**". The paragraph (Full compensation....allowed therefore.) is deleted and replaced with the following:

"Full compensation for handling earth material containing lead shall be considered as included in the contract unit price paid for the roadway excavation involved, and no additional compensation will be allowed therefor."

Item 24: Dust Palliative. The following Special Provisions are added and made part hereof:

"Furnishing and applying dust palliative shall conform to the provisions in Section 18, "Dust Palliative," of the Standard Specifications.

Payment – Full compensation for conforming with the provisions of this section shall be considered as paid for on a lump sum bases as Dust Abatement and no additional compensation will be allowed therefor."

Item 25: Earthwork. Refer to Book 2 of 2, Section 10-1.62, page 209, "Earthwork". The following Special Provisions are added:

"Existing base and bituminous surfacing shown on the plans, to be removed to a depth of at least 150 mm below the grade of the existing surfacing. Resulting holes and depressions shall be backfilled with earthy material selected from excavation to the lines and grade established by the Engineer.

Removing base and surfacing will be measured by the cubic meter in the same manner specified for roadway excavation in conformance with the provisions in Section 19, "Earthwork," of the Standard Specifications and will be paid under Roadway Excavation and no additional compensation will be allowed therefor."

Item 26: Temporary Shoring. Refer to Book 2 of 2, Section 10-1.63, page 211, "Temporary Shoring". The first paragraph (Attention....abutments) is deleted and replaced with the following:

"Attention is directed to temporary shoring that may be required for stage construction at various locations, including but not limited to, ramps, approach roadway, bridge abutments, and bridge footings."

Item 27: Hot Mix Asphalt. Refer to Book 2 of 2, Section 10-1.72, pages 223 and 224, "Hot Mix Asphalt" . The special provision deleted and replaced with the following:

HOT MIX ASPHALT:

GENERAL

Summary

This work includes producing and placing hot mix asphalt (HMA) Type A using the Method process.

Comply with Section 39, "Hot Mix Asphalt" of the Standard Specifications.

HMA must comply with the following quality requirement when mixed with the asphalt used on the project in the amount determined to be optimum by California Test 367:

Quality Characteristic	Test	Requirement
Surface Abrasion	CT360	Loss not to exceed 0.4 g/cm ²

MATERIALS

Asphalt Binder

The grade of asphalt binder mixed with aggregate for HMA Type A must be PG 64-28 PM (Polymer Modified).

Aggregate

The aggregate for HMA Type A must comply with the 19-mm grading when the depth is 60-mm and above. The aggregate for HMA Type A must comply with the 12.5-mm grading when used for cold planning or 45-mm HMA Type A overlay work.

Antistrip Treatment

Treat aggregate with lime slurry under "Hot Mix Asphalt Aggregate Lime Treatment – Slurry Method" and use Lab Procedure LP-7 for the mix design.

CONSTRUCTION

Vertical Joints

Before opening the lane to public traffic, pave shoulders and median borders adjacent to a lane being paved.

Do not leave a vertical joint more than 45-mm high between adjacent lanes open to public traffic.

Conform Tapers

Place additional HMA along the pavement's edge to conform to road connections and private drives. Hand rake, if necessary, and compact the additional HMA to form a smooth conform taper. Conform tapers are to be 1:30 (vertical:horizontal) or flatter.

PAYMENT

The contract unit price paid per ton for Hot Mix Asphalt shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved and complete in place, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

Item 28: **Hot Mix Asphalt (Type A Bond Breaker).** Refer to Book 2 of 2, Section 10-1.74, page 229 "Hot Mix Asphalt (Type A Bond Breaker)". Under subsection title "**Asphalt Binder**" this paragraph (The grade...PG 64-16.) is deleted and replaced with the following Special Provision:

"The grade of asphalt binder mixed with aggregate for HMA (Type A Bond Breaker) must be PG 64-16 PM (Polymer Modified)."

Item 29: **Hot Mix Asphalt Open Graded Friction Course.** Refer to Book 2 of 2, Section 10-1.75 "Hot Mix Asphalt Open Graded Friction Course" pages 232 and 233. Under subsection "**Materials**" on page 232 this paragraph (The grade....PG 58-34.) is deleted and replaced with the following Special Provision:

"The grade of asphalt binder mixed with aggregate for OGFC must be PG 64-28 PM."

Under subsection "**Payment**" on page 233, this paragraph (Full compensation...the Engineer) is deleted and replaced with the following Special Provision:

"Full compensation, except as otherwise provided herein, for conforming to the requirements of this article shall be included in the contract unit price paid for Hot Mix Asphalt Open Graded Friction Course and shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved and complete in place, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer."

Item 30: **Hot Mix Asphalt (Type C).** Refer to Book 2 of 2, Section 10-1.79 "Hot Mix Asphalt (Type C)", page 247. Under subsection "**Construction**" add the following special provisions:

Pave HMA Type C in maximum 135 millimeters thick compacted layers.

Item 31: **Compensation Adjustments for Price Index Fluctuations.** Refer to Book 2 of 2, Section 10-1.80 "Compensation Adjustments for Price Index Fluctuations", page 248. The following Special Provisions are added to the table:

ITEM CODE	ITEM
390106	Hot Mix Asphalt Open Graded Friction Course
397005	Tack Coat

Item 32: **Jointed Plain Concrete Pavement.** Refer to Book 2 of 2, Section 10-1.81 under subsection titled "**Liquid Joint Sealant Installation**", page 262. The following Special Provisions are added:

"Transverse weakened plane joints shall be Type A1 or B as shown on the plans. Longitudinal weakened plane joints shall be Type A2 or B as shown on the plans."

Item 33: **Piling.** Refer to Book 2 of 2, Section 10-1.84 under subsection titled “**Measurement and Payment**”, page 298. The first paragraph (Full compensation....therefor.) is deleted and replaced with the following:

“Full compensation for driving system for Drive Steel Pile submittals shall be considered as included in the contract unit price paid for Drive Steel Pile as specified on the plans and no additional compensation will be allowed therefor.”

“Full compensation for driving system for Cast-in-Drilled-Hole Concrete Piles shall be considered as included in the contract unit price paid for Cast-in-Drilled-Hole Concrete Pile as specified on the plans and no additional compensation will be allowed therefor.”

Item 34: **Slope Paving.** Refer to Book 2 of 2, Section 10-1.104 “Slope Paving”, page 337. The following paragraph is added to the Special Provisions:

“The contract price paid per cubic meter for Slope Paving shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in Slope Paving, complete in place, including test panels, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.”

Item 35: **Miscellaneous Concrete Construction.** Refer to Book 2 of 2, Section 10-1.105 “Miscellaneous Concrete Construction”, page 338. The following paragraphs are added to the Special Provisions:

“Prior to placing the permanent Minor Concrete (Colored) and Minor Concrete (Textured Paving), the Contractor shall construct a test panel at least 1.25 m by 1.25 m at the site for approval by the Engineer. The test panel shall be constructed of the same materials as are proposed for the permanent work and shall be finished and cured as specified for the permanent work. Additional test panels shall be constructed as necessary until a panel is produced that conforms to the requirements herein, before constructing other Minor Concrete (Colored) and Minor Concrete (Textured Paving).”

The payment clause on page 339 is deleted and replaced with the following:

“The contract price paid per cubic meter for Minor Concrete (Curb and Gutter) and Minor Concrete (Sidewalk), per square meter for Minor Concrete (Colored) and Minor Concrete (Textured Paving) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved and complete in place, including test panels, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.”

Item 36: **Script Letters (Railing Mounted).** Refer to Book 2 of 2, Section 10-1.107 “Script Letters (Railing Mounted)”, page 340. Title of Item is revised to state “**Metal Script Letters (Railing Mounted)**.”

Item 37: **Metal Beam Guard Railing.** Refer to Book 2 of 2, Section 10-1.111 “Metal Beam Guard Railing”, page 343. The last paragraph (pay clause on page 344) is deleted and replaced with the following:

"The contract unit price paid per meter for Metal Beam Guard Railing shall include full compensation for furnishing all labor, tools, materials, equipment and for doing all work involved and complete in place including excavation and backfilling as directed by the Engineer, and no additional compensation will be allowed therefor."

Item 38: **Mini Mesh Chain Link Railing.** Refer to Book 2 of 2, Section 10-1.112 "Mini Mesh Chain Link Railing", page 344. Title of item revised to state "**Chain Link Railing [Mini Mesh].**"

Item 39: **Maintaining Existing and Temporary Electrical Systems.** Refer to Book 2 of 2, Section 10-3.04 "Maintaining Existing and Temporary Electrical Systems", page 354. The following paragraph is added to special provisions:
"Traffic Signals shall remain fully actuated at all times during the construction period, until the obsolete traffic signals are removed, and as approved by the Engineer."

Item 40: **State-Furnished Controller Assemblies.** Refer to Book 2 of 2, Section 10-3.13 "State-Furnished Controller Assemblies", page 358. The special provisions are deleted and replaced with the following:

MODEL 170 / 2070 CONTROLLER ASSEMBLY (Contractor Furnished, Mandatory Equipment Source)

Mandatory Equipment Source

The contractor shall acquire the traffic signal controller assembly from the State of California Department of Transportation (Caltrans), and shall compensate the State of California for costs incurred in obtaining, testing and supplying a Traffic Signal Controller Assembly. This fee does not supersede any other fee charged by Caltrans for review, inspection or fieldwork performed by department staff as a result of the contractors work. If the fee has not been paid prior to permit issuance, full payment shall be made to the district cashier prior to starting any traffic signal work authorized by this permit, and at least thirty days before the controller is needed for installation. The contractor shall give the State's representative not less than 10 working days written advance notice prior to picking up the controller assembly, however, when the controller assembly arrives to the Caltrans warehouse located in the City of San Bernardino, the contractor shall have three working days to pick up equipment upon notification. If the contractor fails to pick up equipment upon notification of its arrival to the warehouse, the contractor will be charged \$50.00 a day for storing equipment. When the equipment is requested by the contractor or upon its arrival, Caltrans will provide a time and location for picking up Model 170 / 2070 controller assembly. Model 170 / 2070 controller assemblies shall be furnished by the Contractor.

Installation

The Contractor shall construct the controller cabinet foundations (including furnishing and installing anchor bolts), and shall install the controller cabinets on said foundations, and make all field wiring connections to the terminal blocks in the controller cabinets.

The Contractor shall install the controller unit, Model 170 / 2070, its cabinet, Model 332, or cabinet as otherwise specified, and all ancillary equipment.

The controller unit, Model 170 / 2070, and its cabinet, Model 332, or cabinet as otherwise

specified, shall be in accordance to the provisions of Section No. 86-3.03, "Model 170 and Model 2070 Controller Assemblies".

The above-referenced document is available from State of California, Bids and Documents Section in Sacramento, for a fee.

The cost of picking up and delivering each controller shall be included in the Lump Sum price paid for the traffic signal installation and no additional compensation shall be allowed therefor.

Any State furnished traffic signal control equipment that is damaged, after the Contractor has taken possession of the item, shall be repaired to the satisfaction of the Engineer. If the damaged Controller Assembly is considered irreparable it shall be replaced with a Controller Assembly meeting the provisions included in the County of Riverside Specifications, "TRAFFIC SIGNAL CONTROLLER ASSEMBLIES SPECIFICATIONS", available from the Engineer.

The total repair or replacement costs shall be borne by the Contractor.

The signal controller conflict monitoring unit shall be tested in the field before "Turn On".

The Contractor shall arrange to have a signal technician qualified to work on the controller and employed by the controller manufacturer or his representative, present at the time the equipment is turned on. It shall be the responsibility of the Contractor to implement and fund any traffic signal controller assembly modifications required to achieve the traffic signal operation as shown on the construction plans.

It shall be the responsibility of the Contractor to implement and fund any traffic signal controller assembly modifications required to achieve the traffic signal operation as shown on the construction plans.

Installing the controller assembly and foundation, including the programming and functional testing of the equipment, shall be considered as included in the lump sum price for the traffic signal installation, and no additional compensation shall be allowed therefor.

Full compensation for the actual cost of obtaining, testing and supplying the traffic signal controller assembly, as paid by Contractor to Caltrans, shall be paid on lump sum basis, in accordance with Section 9-1.03 of the Standard Specifications and these Special Provisions, up to the fixed bid price. No markups will be allowed. All incidental costs incurred by the contractor shall be considered as included in the various items of work, and no additional compensation will be allowed therefor.

Item 41: **Battery Backup System (State Locations Only).** Refer to Book 2 of 2, Section 10-3.17, sub section titled "Measurement and Payment", page 370. The following paragraph is added to special provisions:

Full compensation for the actual cost of obtaining the Battery Backup Components, as paid by Contractor to Caltrans, shall be included in the lump sum bid price under Traffic Signal Controller Assembly [with Battery Backup] and no additional compensation will be allowed therefor. All incidental costs incurred by the contractor shall be considered as included in the various items of work, and no compensation will be allowed therefor.

Item 42: **Uninterrupted Power Supply System (City Locations).** Refer to Book 2 of 2, Section 10-3.18 "Uninterrupted Power Supply System (City Locations)", page 370. The last paragraph (Full compensation....made therefore.) is deleted and replaced with the following:

"Full compensation, except as otherwise provided herein, for conforming to the requirements of this article shall be included in the contract lump sum price paid for Signal and Lighting (City Street Location 1) or Signal and Lighting (City Street Location 2) as specified on the plans, and no separate payment will be made therefor."

Item 43A: **Detectors.** Refer to Book 2 of 2, Section 10-3.20, add sub section titled "Measurement and Payment", page 375. Add the following paragraph to the special provisions:

"Full compensation for the actual cost of obtaining loop detector sensor units, as paid by Contractor to Caltrans, shall be included in the lump sum bid price under Traffic Signal Controller Assembly [with Battery Backup] and no additional compensation will be allowed therefor. All incidental costs incurred by the contractor shall be considered as included in the various items of work, and no compensation will be allowed therefor."

Item 43B: **Video Detection System (City Locations).** Refer to Book 2 of 2, Section 10-3.21 "Video Detection System (City Locations)", page 375. The last paragraph (Full Compensation....made therefore) is deleted and replaced with the following:

"Full compensation, except as otherwise provided herein, for conforming to the requirements of this article shall be included in the contract lump sum price paid for Signal and Lighting (City Street Location 1) or Signal and Lighting (City Street Location 2) as specified on the plans, and no separate payment will be made therefor."

Item 44: **LED Illuminated Street Name Signs (LED-ISNS) (City Locations).** Refer to Book 2 of 2, Section 10-3.26 "LED Illuminated Street Name Signs (LED-ISNS) (City Locations)", page 380. The last paragraph (Full compensation....made therefore) is deleted and replaced with the following:

"Full compensation, except as otherwise provided herein, for conforming to the requirements of this article shall be included in the contract lump sum price paid for Signal and Lighting (City Street Location 1) or Signal and Lighting (City Street Location 2) as specified on the plans, and no separate payment will be made therefore"

Item 45: **Pull Boxes.** All Pull Boxes installed, for the project, shall be Traffic Bearing Pull Boxes.

Item 46: **Construction Monitoring Camera (Pole and Electric Service).** The following Special Provisions are added:

It is anticipated that the County of Riverside will contract with a commercial construction site monitoring company, hereinafter referred to as "Vendor" for the installation and maintenance of a construction monitoring camera system. This camera system is intended to be operational and in-place for the duration of construction.

The Contractor shall comply with the requirements set forth herein. Attention is directed to Section 7-1.14 "Cooperation" of the Standard Specifications.

The Contractor shall coordinate and cooperate with the Vendor to establish a suitable location for the camera support pole that will meet the requirements of the camera system, and which will require the fewest number of relocations during the course of construction. Because of the availability of power, the north quadrant of the interchange is assumed to be a logical location. A single camera mounting location that is outside of the limits of grading, and which can remain in place for the duration of construction is preferred.

The Contractor shall meet with the Engineer and the Vendor to determine the best location for the camera system, and to determine the best electric service option. After installation, and throughout the course of construction, the contractor shall protect the camera system, support pole, and electrical service facilities in-place. If necessary, the camera system may be relocated, up to three times, during the course of construction, as determined by the Engineer, in consultation with the Contractor and the Vendor. However, a single location that can be protected in-place for the duration of construction is preferred. The decisions of the Engineer shall be final.

The Contractor shall install a camera system support pole that meets the requirements of the Vendor for the intended equipment. A mounting height of up to 60 feet above the grade at the location of the pole shall be provided. The pole shall be adequately and safely installed to avoid any possibility of collapse, for the duration of construction.

The Contractor shall provide for electric service to the camera system support pole. Electric service is anticipated to be provided in one of the following ways, as determined by the Engineer:

1. Service option 1: Existing Caltrans owned service equipment enclosure, located on the north quadrant of the interchange, if approved by Caltrans. Underground Schedule 40 conduit shall be installed between service equipment enclosure and camera support pole. Contractor shall connect conduit and conductors to Caltrans equipment as directed by the Caltrans electrical maintenance personnel. Contractor shall install riser and connect schedule 80 conduit to the support pole. Contractor shall coordinate with the Vendor to make the necessary electric connections. A subpanel shall be installed if directed by the Engineer to meet the needs of the Vendor.
2. Service option 2: Nearest SCE distribution pole, as designated by the Edison Company. Contractor shall arrange for temporary service from the Southern California Edison Company, and shall provide all aerial or underground equipment between the service point and the camera support pole. Contractor shall coordinate with the Vendor to make the necessary electric connections. A subpanel shall be installed if directed by the Engineer to meet the needs of the Vendor. Contractor will be responsible for all fees and service payments to the Edison Company. Contractor shall provide Engineer with a copy of the invoices received from the Edison Company.
3. Service option 3: Solar equipment, to be provided and maintained by the Vendor.
4. Other service options, if feasible. Fuel powered generators will not be considered a viable service option.

All equipment that is the property of the Vendor shall be protected during the course of construction, and shall be returned to the Vendor upon completion of the contract work. All temporary poles, conductors, conduits and associated equipment shall be removed

from the project site, and shall remain the property of the contractor, upon completion of the contract work.

Full compensation for providing and installing a camera mounting pole and for providing electric service to the camera system, including the protection of the facilities for the duration of construction, and including removal of all associated poles, conduits, conductors, and associated equipment, including all labor, equipment, materials and incidentals, shall be paid on a lump sum basis, and no additional compensation will be allowed therefor".

Item 47: ADJUSTING WATER VALVE COVERS TO GRADE:

Existing water valve covers shall be adjusted to grade and new concrete collars poured with materials similar in quality to those in the original structure in accordance with the applicable provisions of Sections 15-2 and Section 71 of the Standard Specifications, the requirements of the owning utility company and these Special Provisions. Attention is directed to the attached Mission Springs Water Company standard no. W-02A, which is provided in **Attachment "D"**.

The owner's contact information is as follows:
Mission Springs Water Company
66575 E. 2nd Street
Desert Hot Springs, CA 92240
Contact: Danny Friend
760-329-1652

After completion of the work, the old concrete collar debris, and any other materials that were removed from the roadbed and not re-installed, shall become the property of the contractor.

In the event that any of the valve casings or covers are found by the contractor to be unsuitable for re-use, the Contractor shall contact the owner and obtain replacement materials, which are anticipated to be provided by the owner to the Contractor at no cost to either the County or to the Contractor.

Payment shall be on a unit price basis per water valve cover and shall include full compensation for furnishing all labor, equipment, materials except as provided herein, and doing all work required to adjust the water valve covers to grade and to construct the new concrete collar around frame and cover, complete and in-place, and no additional compensation shall be allowed therefor. Payment shall also include full compensation for all costs incurred to obtain the new materials from the owner, including transportation, labor, equipment, personnel and incidentals. Payment shall also include initial lowering of the facilities, if desired or if necessary for the construction of the roadway improvements.

See Attachment "D"

Item 48: United States Department of the Interior - Fish and Wildlife Services

The contractor shall fully comply with the Programmatic Biological Opinion dated June 22, 2006 and the Revised Appended Programmatic Biological Opinion dated July 11, 2006 from the Fish and Wildlife Services as shown provided in **Attachment "E"**.

See Attachment "E"

Item 49: The following requirements are added to Section 3-1.01B "Insurance – Hold Harmless":

In addition to the requirements of Section 3-1.01B "Insurance – Hold Harmless" of the contract documents, the Contractor's Certificate of Insurance and endorsements for the project shall name the following listed entities as additional insured under the contractor's general liability, excess liability, and auto liability insurance policies, and each listed entity shall be named on the Waiver of Subrogation for the Contractor's Workers Compensation policy.

"The Mission Springs Water District, its officers, directors, agents and employees"

The above listed entity shall also be held harmless, in accordance with the requirements of subsection IV "Hold Harmless" of Section 3-1.01B "Insurance – Hold Harmless" of the contract documents:

Item 50: **Standard Plan List.** Standard Plan List is included herewith as **Attachment "F"**.

See Attachment "F"

The addendum for I10/ Indian Canyon Drive Interchange Improvement Projects has been prepared under the direction of the following registered Civil Engineers:

Roadway/Traffic and Electrical



Michael Roberts, PE




Addendum No. 1
I10/ Indian Canyon Drive Interchange Improvement Project
Project No. A8-0372, ESPLHPLU-5282(034), HP21L-5282(035)
April 15, 2010
Page 17 of 19

The addendum for I10/ Indian Canyon Drive Interchange Improvement Projects has been prepared under the direction of the following registered Civil Engineers:

Contract Approvals

Recommended by:

for 

David Barakian,
City Engineer

Recommended by:

Cindi A. Wachi

Cindi A. Wachi, PE
County Project Manager

Concurrence:

Khalid Nasim

Khalid Nasim, PE
Engineering Division Manager

Acknowledged:

John P. Douglas

Granite Construction Company
John P. Douglas
Chief Estimator

(Contractor)

Date: 4/28/10

ATTACHMENTS

A – Revised Construction Plan Set

B – Revised Proposal

C – Recovery Act Funding Sign

D – MSWD, W-02A Drawing

E – Fish and Wildlife Programmatic Biological Opinion

F – Standard Plan List

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

BASE BID:

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
1	000003	ENDANGERED SPECIES PROTECTION	LS	1		
2	000003	NONNATIVE PLANT PRECLUSION	LS	1		
3	000003	CONSTRUCTION MONITORING CAMERA (POLE AND ELECTRIC SERVICE)	LS	1		
4 (S,F)	000003	METAL SCRIPT LETTERS (RAILING METHOD)	LS	1		
5	-----	ITEM DELETED BY ADDENDUM	-----	-----	-----	-----
6	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1		
7	071325	TEMPORARY FENCE (TYPE ESA)	M	610		
8	000003	TEMPORARY FENCE (TYPE WILDLIFE)	M	610		
9	074016	CONSTRUCTION SITE MANAGEMENT	LS	1		
10	074020	WATER POLLUTION CONTROL	LS	1		
11	074018	HEALTH AND SAFETY PLAN	LS	1		
12	074028	TEMPORARY FIBER ROLLS	M	10,800		
13	074029	TEMPORARY SILT FENCE	M	960		
14	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	3		
15	074035	TEMPORARY CHECK DAM	M	52		
16	074037	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	4		
17	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	39		
18	074039	TEMPORARY HYDRAULIC MULCH (POLMER STABILIZED FIBER MATRIX)	M2	136,000		
19	074041	STREET SWEEPING	LS	1		
20	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	1		
21	120090	CONSTRUCTION AREA SIGNS	LS	1		
22	120100	TRAFFIC CONTROL SYSTEMS	LS	1		
23	120120	TYPE III BARRICADE	EA	140		
24	120143	TEMPORARY PAVEMENT DELINEATION	M	4,460		
25	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	100		
26	120199	TRAFFIC PLASTIC DRUM	EA	590		
27	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	10		
28	129000	TEMPORARY RAILING (TYPE K)	M	5,300		
29	129110	TEMPORARY CRASH CUSHION [SAND FILLED]	EA	210		
30	129110	TEMPORARY CRASH CUSHION [ABSORB 350]	EA	6		

INDIAN CANYON DRIVE AT INTERSTATE 10
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PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
31	150701	REMOVE YELLOW TRAFFIC STRIPE [HAZARDOUS WASTE]	M	2,870		
32	150608	REMOVE CHAIN LINK FENCE	M	610		
33	150659	REMOVE TERMINAL SECTION	EA	3		
34	150662	REMOVE METAL BEAM GUARD RAILING	M	660		
35	150710	REMOVE TRAFFIC STRIPE	M	34,100		
36	150713	REMOVE PAVEMENT MARKING	M2	52		
37	150722	REMOVE PAVEMENT MARKER	EA	8,520		
38	150742	REMOVE ROADSIDE SIGN	EA	43		
39	150760	REMOVE SIGN STRUCTURE	EA	2		
40	150806	REMOVE CULVERT	M	360		
41	150820	REMOVE INLET	EA	1		
42	150821	REMOVE HEADWALL	EA	21		
43	153153	COLD PLANE ASPHALT CONCRETE PAVEMENT (45 MM MAXIMUM)	M2	1,080		
44	160101	CLEARING AND GRUBBING	LS	1		
45	170101	DEVELOP WATER SUPPLY	LS	1		
46 (F)	190101	ROADWAY EXCAVATION	M3	29,170		
47	190110	LEAD COMPLIANCE PLAN (METRIC)	LS	1		
48	190113	ASBESTOS COMPLIANCE PLAN	LS	1		
49	193118	CONCRETE BACKFILL	M3	14		
50	194001	DITCH EXCAVATION	M3	320		
51	198001	IMPORTED BORROW	M3	71,000		
52	203016	EROSION CONTROL (TYPE D)	M2	13,200		
53	203021	FIBER ROLLS (METRIC)	M	10,500		
54	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	1		
55	208731	200 MM CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	M	68		
56	220101	FINISHING ROADWAY	LS	1		
57	260201	CLASS 2 AGGREGATE BASE	M3	14,600		
58	280000	LEAN CONCRETE BASE	M3	190		
59	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TONN	6		
60	390106	ASPHALT CONCRETE (OPEN GRADED) [OPEN GRADED FRICTION COURSE]	TONN	1,310		

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
61	390130	HOT MIX ASPHALT (TYPE A)	TONN	320		
62	000003	HOT MIX ASPHALT (TYPE A BOND BREAKER)	TONN	120		
63	000003	HOT MIX ASPHALT (TYPE C)	TONN	31,200		
64	394071	PLACE HOT MIX ASPHALT DIKE	M	4,570		
65	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	M2	320		
66	397005	TACK COAT	TONN	38		
67	401066	CONCRETE PAVEMENT (EXIT RAMP TERMINI) [JOINTED PLAIN CONCRETE PAVEMENT]	M3	430		
68	401108	RAPID STRENGTH CONCRETE [JOINTED PLAIN CONCRETE PAVEMENT]	M3	3,780		
69	000003	SEAL ISOLATION JOINT	M	1,280		
70	414091	SEAL LONGITUDINAL JOINT	M	2,140		
71	414101	SEAL TRANSVERSE JOINT	M	2,120		
72	518201	MASONRY STONE WALL	M2	23		
73 (F)	510129	CLASS 2 CONCRETE (BOX CULVERT)	M3	190		
74 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	110		
75 (F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	KG	21,271		
76 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	30,000		
77 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	30,000		
78	560234	FURNISH LAMINATED PANEL SIGN (25.4 MM -TYPE A)	M2	67		
79	560238	FURNISH SINGLE SHEET ALUMINUM SIGN (1.6 MM- UNFRAMED)	M2	56		
80	560239	FURNISH SINGLE SHEET ALUMINUM SIGN (2.0 MM- UNFRAMED)	M2	30		
81	560241	FURNISH SINGLE SHEET ALUMINUM SIGN (1.6 MM- FRAMED)	M2	13		
82	560242	FURNISH SINGLE SHEET ALUMINUM SIGN (2.0 MM- FRAMED)	M2	71		
83	561015	1524 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	23		
84	566011	ROADSIDE SIGN - ONE POST	EA	85		
85	566012	ROADSIDE SIGN - TWO POST	EA	17		
86	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8		
87	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	22		
88	620909	450 MM ALTERNATIVE PIPE CULVERT	M	71		
89	620913	600 MM ALTERNATIVE PIPE CULVERT	M	230		
90	620924	900 MM ALTERNATIVE PIPE CULVERT	M	120		

INDIAN CANYON DRIVE AT INTERSTATE 10
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PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
91	664097	600 MM BITUMINOUS COATED CORRUGATED STEEL PIPE (2.77 MM THICK)	M	200		
92	664110	900 MM BITUMINOUS COATED CORRUGATED STEEL PIPE (2.77 MM THICK)	M	50		
93	717072	100 MM POLYVINYL CHLORIDE SEWER PIPE	M	37		
94	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	M3	140		
95	721430	CONCRETE (CHANNEL LINING)	M3	73		
96	729010	ROCK SLOPE PROTECTION FABRIC	M2	330		
97 (F)	731504	MINOR CONCRETE (CURB AND GUTTER)	M3	250		
98 (F)	000003	MINOR CONCRETE (COLORED)	M2	1,890		
99 (F)	731521	MINOR CONCRETE (SIDEWALK)	M3	260		
100 (F)	731530	MINOR CONCRETE (TEXTURED PAVING)	M2	1,190		
101 (F)	750001	MISCELLANEOUS IRON AND STEEL	KG	1,262		
102	800391	CHAIN LINK FENCE (TYPE CL-1.8)	M	940		
103	820105	DELINEATOR (SPECIAL)	EA	23		
104	820107	DELINEATOR (CLASS 1)	EA	160		
105	832003	METAL BEAM GUARD RAILING (WOOD POST)	M	670		
106	839541	TRANSITION RAILING (TYPE WB)	EA	4		
107	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	5		
108	839585	ALTERNATIVE FLARED TERMINAL SYSTEM [TYPE SRT]	EA	9		
109	839605	CRASH CUSHION (REACT 9SCBS)	EA	3		
110	839703	CONCRETE BARRIER (TYPE 60C)	M	270		
111	839705	CONCRETE BARRIER (TYPE 60E)	M	89		
112	840515	THERMOPLASTIC PAVEMENT MARKING	M2	360		
113	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	1,210		
114	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	9,600		
115	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	13,100		
116	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	15,300		
117	850110	PAVEMENT MARKER (RETROREFLECTIVE-SPECIAL TYPE C)	EA	86		
118	850111	PAVEMENT MARKER (RETROREFLECTIVE -SPECIAL TYPE D)	EA	790		
119	850112	PAVEMENT MARKER (RETROREFLECTIVE-SPECIAL TYPE G)	EA	2,790		
120	850113	PAVEMENT MARKER (RETROREFLECTIVE-SPECIAL TYPE H)	EA	450		

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
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FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
121	860251	SIGNAL AND LIGHTING (LOCATION 1)	LS	1		
122	860252	SIGNAL AND LIGHTING (LOCATION 2)	LS	1		
123	860300	SIGNAL AND LIGHTING (CITY STREET LOCATION 1)	LS	1		
124	860302	SIGNAL AND LIGHTING (CITY STREET LOCATION 2)	LS	1		
125	860460	LIGHTING AND SIGN ILLUMINATION	LS	1		
126	860701	INTERCONNECTION CONDUIT AND CONDUCTOR	LS	1		
127	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	1		
128	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	1		
129	861103	RAMP METERING SYSTEM (LOCATION 3)	LS	1		
130	861104	RAMP METERING SYSTEM (LOCATION 4)	LS	1		
131	861349	REMOVE EXISTING SIGNAL SYSTEM (LOCATION 1)	LS	1		
132	861350	REMOVE EXISTING SIGNAL SYSTEM (LOCATION 2)	LS	1		
133	999990	MOBILIZATION	LS	1		
134	000003	COURSE OF CONSTRUCTION INSURANCE	LS	1		
135	019901	DEMOBILIZATION	LS	1		
136	066102	DUST ABATEMENT	LS	1		
137	066105	RESIDENT ENGINEER OFFICE	LS	1		
138	066840	TRAFFIC SIGNAL CONTROLLER ASSEMBLY [WITH BATTERY BACK-UP] [2-LOCATIONS]	LS	1	13,600.00	13,600.00
139	066843	MODEL 170 CONTROLLER ASSEMBLY [RAMP METER] [4-LOCATIONS]	LS	1	19,200.00	19,200.00
140	066015	FEDERAL TRAINEE PROGRAM	LS	1		
141	047403	610 MM STEEL PIPE CASING	M	26		
142	157550	BRIDGE REMOVAL	LS	1		
143 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	M3	1,150		
144 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	M3	490		
145	490566	FURNISH STEEL PILING (HP 360 X 132)	M	2,170		
146	490567	DRIVE STEEL PILE (HP 360 X 132)	EA	88		
147	490570	FURNISH STEEL PILING (HP 360 X 174)	M	2,120		
148	490571	DRIVE STEEL PILE (HP 360 X 174)	EA	110		
149	500020	PRESTRESSING PRECAST GIRDER	LS	1		
150 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	220		

INDIAN CANYON DRIVE AT INTERSTATE 10
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PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
151 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	1,710		
152 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	210		
153	511036	ARCHITECTURAL SURFACE (BARRIER) [LAVA ROCK FACING]	M2	170		
154 (F)	511063	FRACTURED FIN TEXTURE	M2	140		
155	512254	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (25 M-30 M)	EA	26		
156	512255	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (30 M-35 M)	EA	13		
157	512500	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	39		
158	519123	JOINT SEAL (TYPE B - MR 50 MM)	M	72		
159 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	244,000		
160 (F)	721810	SLOPE PAVING (CONCRETE)	M3	72		
161 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	KG	470		
162 (F)	833088	TUBULAR HANDRAILING	M	10		
163 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	M	110		
164	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	M	110		
165 (F)	833020	CHAIN LINK RAILING [MINI MESH]	M	91		

PROJECT SUBTOTAL _____
ITEMS 1-165 "WORDS" _____

ALTERNATE BID:

THE MISSION SPRINGS WATER DISTRICT

166	0000003	ADJUST WATER VALVE COVER TO GRADE	EA	14		
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PROJECT SUBTOTAL _____
ITEMS 166 "WORDS" _____

PROJECT TOTAL _____
ITEMS 1-166 "WORDS" _____



COUNTY OF RIVERSIDE *TRANSPORTATION AND LAND MANAGEMENT AGENCY*



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

Transportation Department

**ADDENDUM NUMBER 2
Dated April 22, 2010**

**to the
Specifications and Contract Documents
for the construction of**

**I-10/ Indian Canyon Drive
Interchange Improvement Project
Project No A8-0372
ESPLHPLU-5282(034)
Federal Aid No. HP21L-5282(035)**

Bids Due: Wednesday, April 28, 2010; 2:00 p.m.
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to Section 3-1.04 of the Contract Document for the referenced project. This Addendum is issued as a supplement to the plans, specifications and special provisions for the referenced project. Any revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:
www.tlma.co.riverside.ca.us/trans/con_bid_advertisements.html

MODIFICATIONS / CLARIFICATIONS TO SPECIAL PROVISIONS

Item 1: Revised Proposal. Refer to "Proposal" pages 1-6 (Addendum No. 1, Attachment "B"). Proposal (pages 1-6) is deleted and replaced with revised "Proposal" attached herewith as **Attachment "A"**. The following additional changes have been made to the Proposal Schedules:

- a. "Estimated Quantities" are changed from the following bid items:
 - Item 145, "FURNISH STEEL PILING (HP 360 X 132)"
 - Item 146, "DRIVE STEEL PILE (HP 360 X 132)"

- b. The following bid items have been deleted:
- Item 147, "FURNISH STEEL PILING (HP 360 X 174)"
 - Item 148, "DRIVE STEEL PILE (HP 360 X 174)"
- c. The following bid items has been renamed:
- Item 153, "ARCHITECTURAL SURFACE [LAVA ROCK FACING]"
The word "BARRIER" is deleted.

See Attachment "A"

Item 2: Project Information; Questions and Responses. Questions and Responses information list is available as a free download at the following County website:

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

This (downloadable) file is provided for reference only. The Contractor Questions and Responses are included with Addendum No. 2 as **Attachment "B"**. For any discrepancy written on this Questions and Responses, the Contractor shall conform to the contract documents.

See Attachment "B"

Item 3: Federal Minimum Wage Rate. Refer to Book 1 of 2, Section 5-2, "Federal Prevailing Wage Decision", pages 1 through 22 and also refer to Addendum No. 1, Item No. 8. Delete and replace with:

"Federal wage determination, General Decision no. CA20100036 - CA36, Modification no. 31, dated **4/16/2010**, shall apply to this project. This document is available upon request from the Transportation Department: (951) 955-6780."

Item 4: Temporary Fiber Roll. Refer to Addendum No. 1, Item No. 14, second line of first paragraph; delete the words "**Last paragraph**" and replace with the words "second paragraph".

Item 5: Earthwork. Refer to Addendum No. 1, Item No. 25; Delete "Removing base...will be allowed therefor" and replace with the following:

"Removing base and surfacing will be measured by the cubic meter in the same manner specified for "Roadway Excavation" in conformance with the provisions in Section 19, "Earthwork" of the Standard Specifications."

Item 6: **Hot Mix Asphalt.** Refer to Addendum No. 1, Item No. 27; the page numbers stated in the first line is corrected to say "pages 220 – 224" instead of "223 and 224".

Item 7: **Sampling and Removal of Asbestos Containing Materials-Bridges and Open Structures payment.** Refer to Book 2 of 2, Section 10-1.19 "Sampling and Removal of Asbestos Containing Materials-Bridges and Open Structures" and on page 98 subsection titled "Payment", Delete the second and third paragraph and replace with the following:

"Preparation of a Sampling and Analysis Work Plan, and an Asbestos Sampling and Analysis Report, identifying and determining the extent of asbestos (prior to any -demolition or alteration work), including sampling and testing of this material shall be paid under Asbestos Compliance Plan and no additional compensation will be allowed therefor.

Full compensation for furnishing all labor, materials, tools, equipment, incidentals for the preparation of a Removal Work Plan, the removal, asbestos verification sampling and testing during demolition, transportation, and disposal of asbestos-containing material, shall be paid for per Section 5-1.02 "Extra Work" of General Provisions."

Item 8: **Removal of Asbestos Containing Materials-Bridges and Non Building Structures payment.** Refer to Book 2 of 2, Section 10-1.59 "Removal of Asbestos Containing Materials-Bridges and Non Building Structures", and on page 208, subsection titled "Measurement and Payment". Delete the first and second paragraph and replace with the following:

"The contract lump sum price paid for Asbestos Compliance Plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing the Asbestos Compliance Plan, including paying the Certified Industrial Hygienist, and for providing personal protective equipment, training and medical surveillance, to obtain the required EPA generator identification numbers as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

"Preparation of a Sampling and Analysis Work Plan, and an Asbestos Sampling and Analysis Report, identifying and determining the extent of asbestos (prior to any -demolition or alteration work), including sampling and testing of this material shall be paid under Asbestos Compliance Plan and no additional compensation will be allowed therefor.

Full compensation for furnishing all labor, materials, tools, equipment, incidentals for the preparation of a Removal Work Plan, the removal, asbestos verification sampling and testing during demolition, transportation, and disposal of asbestos-containing material, shall be paid for per Section 5-1.02 "Extra Work" of General Provisions."

Item 9: Reinforced Concrete Pipe. Refer to Book 2 of 2, Section 10-1.99 "Reinforced Concrete Pipe", and on page 335, the first paragraph (Reinforced concrete pipe.....cylindrical metal form) is deleted from special provisions.

Item 10: Obstructions. Refer to Book 2 of 2, pages 159 Section 10-1.39 "Obstruction". This section is deleted and replaced with the following:

Attention is directed to Section 8-1.10, "Utility and Non-Highway Facilities" and Section 15, "Existing Highway Facilities" and Section 7-1.14 "Cooperation" of the Standard Specifications and these Special Provisions.

Attention is directed to the existence of certain underground facilities that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workers and of the public. Facilities requiring special precautions include, but are not limited to: conductors of petroleum products, oxygen, chlorine, and toxic or flammable gases; natural gas in pipelines greater than 150 mm in diameter or pipelines operating at pressures greater than 415 kPa (gage); underground electric supply system conductors or cables, with potential to ground of more than 300 V, either directly buried or in a duct or conduit which do not have concentric grounded or other effectively grounded metal shields or sheaths.

Potholing of existing utilities are required under the provisions of Section 8-1.10 of Standard Specifications shall be considered as included in the various items of work and no additional compensation will be provided.

Installation of the following utility facilities will require coordination with the Contractor's operations. The Contractor shall make the necessary arrangements with the utility company, through the engineer, and shall submit a schedule of work, verified by a representative of the utility company, to the Engineer. The schedule of work shall provide not less than the following number of working days, as defined in Section 8-1.06, "Time of Completion" of the Standard Specifications for the utility company to complete their work:

Utility (address)	Location	Working Days
Mission Springs Water District Fire Hydrants 66575 Second Street Desert Hot Springs, CA 92240	varies	20
Southern California Edison 14 x 6" electrical conduits 2885 Foothill Blvd. San Bernardino, CA 92410	"IN" line from STA 48+20 to 52+00	25
Time Warner Cable 3 x 2" cable conduits 75181 Mediterranean Palm Desert, CA 92211	"IN" line from STA 47+40 to 54+50	25
Verizon California Inc. 4 x 4" fiber optic conduits 295 North Sunrise Way Palm Springs, CA 92262-5295	"IN" line from STA 49+00 to 52+40	15
within bridge structure		
Southern California Edison 14 x 6" electrical conduits 2885 Foothill Blvd. San Bernardino, CA 92410	"IN" line from STA 49+70 to 50+60	5
Time Warner Cable 3 x 2" cable conduits 75181 Mediterranean Palm Desert, CA 92211	"IN" line from STA 49+70 to 50+60	5
Verizon California Inc. 4 x 4" fiber optic conduits 295 North Sunrise Way Palm Springs, CA 92262-5295	"IN" line from STA 49+70 to 50+60	5

The Contractor shall notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least 2 business days, but not more than 14 days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure. Regional notification centers include, but are not limited to, the following:

Notification Center	Telephone Number
Underground Service Alert	811

Full compensation for complying with the provisions of this section shall be considered as included in the various items of work, and no additional compensation will be allowed therefore.

Item 11: Non-Highway Facilities (Including Utilities). Refer to Book 2 of 2, pages 161 Section 10-1.40 "Non-Highway Facilities (Including Utilities)". This section is deleted and replaced with the following:

Attention is directed to Section 8-1.10, "Utility and Non-Highway Facilities" and Section 15, "Existing Highway Facilities" and Section 7-1.14 "Cooperation" of the Standard Specifications and these Special Provisions.

The utility owner has been requested to relocate the utilities shown in the following table before the corresponding date shown:

Utility Relocation and Date of the Relocation

Utility	Location	Date
Mission Springs Water District Fire Hydrants	"GA" line at 42+15	December 31, 2010
Southern California Edison (Distribution)	"20 TH " line from 99+90 to 100+40 & "IN" at 46+00 and 47+00	December 31, 2010
Southern California Edison (Transmission)	"GA" line from 41+20 to 44+80	December 31, 2010
Southern California Gas Company (Distribution)	"IN" line from 46+00 to 48+20	January 1, 2010
Sprint	"GA" line from 41+20 to 46+20 & "IN" line from 46+20 to 47+40	January 1, 2010
Verizon	"IN" line from 47+10 to 49+00	December 31, 2010

Installation of the utilities shown in the following table requires coordination with your activities. Make the necessary arrangements with the utility company through the Engineer and submit a schedule:

- A. Verified by a representative of the utility company.
- B. Allowing at least the time shown for the utility owner to complete its work.
Contractor is responsible for verifying the utility facilities prior to commencing construction activities, within the project limits, and no additional compensation will be provided.

Utility Relocation and Contractor-Arranged Time for the Relocation

Utility	Utility Address	Location	Days
Mission Springs Water District Fire Hydrants	66575 Second Street Desert Hot Springs, CA 92240	varies	20
Southern California Edison 14 x 6" electrical conduits	2885 Foothill Blvd. San Bernardino, CA 92410	"IN" line from STA 48+20 to 52+00	25
Time Warner Cable 3 x 2" cable conduits	75181 Mediterranean Palm Desert, CA 92211	"IN" line from STA 47+40 to 54+50	25
Verizon California Inc. 4 x 4" fiber optic conduits	295 North Sunrise Way Palm Springs, CA 92262- 5295	"IN" line from STA 49+00 to 52+40	15
within bridge structure			
Southern California Edison 14 x 6" electrical conduits	2885 Foothill Blvd. San Bernardino, CA 92410	"IN" line from STA 49+70 to 50+60	5
Time Warner Cable 3 x 2" cable conduits	75181 Mediterranean Palm Desert, CA 92211	"IN" line from STA 49+70 to 50+60	5
Verizon California Inc. 4 x 4" fiber optic conduits	295 North Sunrise Way Palm Springs, CA 92262- 5295	"IN" line from STA 49+70 to 50+60	5

Utilities under roadways are to be relocated after subgrade has been finished but prior to placement of base and surfacing.

Special consideration will be needed for the construction along the north of 20th Avenue (east of Indian Canyon Drive); Time Warner Cable exists within slurry. The top of the slurry mix will need to be removed without disrupting the facilities. The Contractor shall contact Dale Scrivner, Time Warner Cable Representative, at 760.250.6942, through the Engineer, to provide construction support and oversight.

It is anticipated that the utility relocation work to be performed by the listed utility owners will be completed prior to the start of construction. However, the Contractor shall cooperate with any utility forces that have a need to perform work within the project limits.

In addition to the specific working days allowed herein for utility relocation work, the contract working days allowed shall include 35 additional working days for access to a portion of the construction site by affected utility companies to perform utility relocation work. No on-site work by the County's Contractor will be allowed in the utility relocation areas unless specifically agreed to by both the utility company and the County's Engineer. The Utility company days are

anticipated to not be sequential, and will be assigned by the Resident Engineer in coordination with the scheduling needs of the affected utility companies.

If necessary, removal and disposal of abandoned utility conduits, conductors and other facilities shall be considered as incidental excavation, and shall be included in the contract unit price for Roadway Excavation.

Full compensation for complying with the provisions of this section shall be considered as included in the various items of work, and no additional compensation will be allowed therefore.

Item 12: Masonry Stone Wall. The following Special Provisions are added and made part hereof:

DESCRIPTION

This work shall consist of constructing masonry stone walls. Masonry stone walls shall be supported as shown on the plans.

Masonry Stone Wall, consisting of a stone cobbles and mortar, shall be constructed in conformance with the provisions in Section 19, "Earthwork," and Section 90, "Portland Cement Concrete," of the Standard Specifications and these special provisions.

Masonry Stone Wall shall be constructed with joints of mortar. Walls shall be constructed with hand laid stone cobbles. Walls shall not be constructed with preassembled panels.

Concrete for Masonry Stone Wall footings shall be minor concrete.

The stone cobbles shall be nominal size and texture and of uniform color. The color and size shall match the existing masonry stone wall.

Mortar shall match the existing masonry stone wall in color and texture. Coloring shall be chemically inert, fade resistant mineral oxide or synthetic type.

Hydrated lime shall conform to the requirements in ASTM Designation: C 207, Type S.

Mortar sand shall be commercial quality.

Mortar for laying stone cobbles shall consist, by volume, of one part cementitious material, zero to 0.5 part hydrated lime, and 2.25 to 3 parts mortar sand. Sufficient water shall be added to make a workable mortar. Each batch of mortar shall be accurately measured and thoroughly mixed. Mortar shall be freshly mixed as required. Mortar shall not be retempered more than one hour after mixing.

Prepackaged mortar materials and mortar containing admixtures may be used when approved in writing by the Engineer, provided the mortar shall not contain more than 0.05 percent soluble chlorides when tested in conformance with California Test 422 or more than 0.25 percent soluble sulfates, as SO₄, when tested in conformance with California Test 417.

MEASUREMENT AND PAYMENT

Masonry Stone walls of the types designated in the Engineer's Estimate will be measured by the square meter of the area of wall projected on a vertical plane shown on the plans and length of wall.

The contract price paid per square meter for Masonry Stone Wall designated in the Engineer's Estimate shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing the Masonry Stone Wall, complete in place, including all anchorages, footings, and reinforcement, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

The addendum for I10/ Indian Canyon Drive Interchange Improvement Projects has been prepared under the direction of the following registered Civil Engineers:

Roadway/Traffic and Electrical




Michael Roberts, PE



The addendum for I10/ Indian Canyon Drive Interchange Improvement Projects has been prepared under the direction of the following registered Civil Engineers:

Contract Approvals

Recommended by:


for David Barakian,
City Engineer

Recommended by:

Cindi A. Wachi

Cindi A. Wachi, PE
County Project Manager

Concurrence:

Khalid Nasim

Khalid Nasim, PE
Engineering Division Manager

Acknowledged:

John P. Douglas

Granite Construction Company (Contractor)
John P. Douglas
Chief Estimator

Date:

4/28/10

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

BASE BID:

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
1	000003	ENDANGERED SPECIES PROTECTION	LS	1		
2	000003	NONNATIVE PLANT PRECLUSION	LS	1		
3	000003	CONSTRUCTION MONITORING CAMERA (POLE AND ELECTRIC SERVICE)	LS	1		
4 (S,F)	000003	METAL SCRIPT LETTERS (RAILING METHOD)	LS	1		
5	-----	ITEM DELETED BY ADDENDUM	-----	-----	-----	-----
6	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1		
7	071325	TEMPORARY FENCE (TYPE ESA)	M	610		
8	000003	TEMPORARY FENCE (TYPE WILDLIFE)	M	610		
9	074016	CONSTRUCTION SITE MANAGEMENT	LS	1		
10	074020	WATER POLLUTION CONTROL	LS	1		
11	074018	HEALTH AND SAFETY PLAN	LS	1		
12	074028	TEMPORARY FIBER ROLLS	M	10,800		
13	074029	TEMPORARY SILT FENCE	M	960		
14	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	3		
15	074035	TEMPORARY CHECK DAM	M	52		
16	074037	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	4		
17	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	39		
18	074039	TEMPORARY HYDRAULIC MULCH (POLMER STABILIZED FIBER MATRIX)	M2	136,000		
19	074041	STREET SWEEPING	LS	1		
20	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	1		
21	120090	CONSTRUCTION AREA SIGNS	LS	1		
22	120100	TRAFFIC CONTROL SYSTEMS	LS	1		
23	120120	TYPE III BARRICADE	EA	140		
24	120143	TEMPORARY PAVEMENT DELINEATION	M	4,460		
25	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	100		
26	120199	TRAFFIC PLASTIC DRUM	EA	590		
27	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	10		
28	129000	TEMPORARY RAILING (TYPE K)	M	5,300		
29	129110	TEMPORARY CRASH CUSHION [SAND FILLED]	EA	210		
30	129110	TEMPORARY CRASH CUSHION [ABSORB 350]	EA	6		

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
31	150701	REMOVE YELLOW TRAFFIC STRIPE [HAZARDOUS WASTE]	M	2,870		
32	150608	REMOVE CHAIN LINK FENCE	M	610		
33	150659	REMOVE TERMINAL SECTION	EA	3		
34	150662	REMOVE METAL BEAM GUARD RAILING	M	660		
35	150710	REMOVE TRAFFIC STRIPE	M	34,100		
36	150713	REMOVE PAVEMENT MARKING	M2	52		
37	150722	REMOVE PAVEMENT MARKER	EA	8,520		
38	150742	REMOVE ROADSIDE SIGN	EA	43		
39	150760	REMOVE SIGN STRUCTURE	EA	2		
40	150806	REMOVE CULVERT	M	360		
41	150820	REMOVE INLET	EA	1		
42	150821	REMOVE HEADWALL	EA	21		
43	153153	COLD PLANE ASPHALT CONCRETE PAVEMENT (45 MM MAXIMUM)	M2	1,080		
44	160101	CLEARING AND GRUBBING	LS	1		
45	170101	DEVELOP WATER SUPPLY	LS	1		
46 (F)	190101	ROADWAY EXCAVATION	M3	29,170		
47	190110	LEAD COMPLIANCE PLAN (METRIC)	LS	1		
48	190113	ASBESTOS COMPLIANCE PLAN	LS	1		
49	193118	CONCRETE BACKFILL	M3	14		
50	194001	DITCH EXCAVATION	M3	320		
51	198001	IMPORTED BORROW	M3	71,000		
52	203016	EROSION CONTROL (TYPE D)	M2	13,200		
53	203021	FIBER ROLLS (METRIC)	M	10,500		
54	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	1		
55	208731	200 MM CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	M	68		
56	220101	FINISHING ROADWAY	LS	1		
57	260201	CLASS 2 AGGREGATE BASE	M3	14,600		
58	280000	LEAN CONCRETE BASE	M3	190		
59	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TONN	6		
60	390106	ASPHALT CONCRETE (OPEN GRADED) [OPEN GRADED FRICTION COURSE]	TONN	1,310		

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
61	390130	HOT MIX ASPHALT (TYPE A)	TONN	320		
62	000003	HOT MIX ASPHALT (TYPE A BOND BREAKER)	TONN	120		
63	000003	HOT MIX ASPHALT (TYPE C)	TONN	31,200		
64	394071	PLACE HOT MIX ASPHALT DIKE	M	4,570		
65	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	M2	320		
66	397005	TACK COAT	TONN	38		
67	401066	CONCRETE PAVEMENT (EXIT RAMP TERMINI) [JOINTED PLAIN CONCRETE PAVEMENT]	M3	430		
68	401108	RAPID STRENGTH CONCRETE [JOINTED PLAIN CONCRETE PAVEMENT]	M3	3,780		
69	000003	SEAL ISOLATION JOINT	M	1,280		
70	414091	SEAL LONGITUDINAL JOINT	M	2,140		
71	414101	SEAL TRANSVERSE JOINT	M	2,120		
72	518201	MASONRY STONE WALL	M2	23		
73 (F)	510129	CLASS 2 CONCRETE (BOX CULVERT)	M3	190		
74 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	110		
75 (F)	520107	BAR REINFORCING STEEL (BOX CULVERT)	KG	21,271		
76 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	30,000		
77 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	30,000		
78	560234	FURNISH LAMINATED PANEL SIGN (25.4 MM -TYPE A)	M2	67		
79	560238	FURNISH SINGLE SHEET ALUMINUM SIGN (1.6 MM- UNFRAMED)	M2	56		
80	560239	FURNISH SINGLE SHEET ALUMINUM SIGN (2.0 MM- UNFRAMED)	M2	30		
81	560241	FURNISH SINGLE SHEET ALUMINUM SIGN (1.6 MM- FRAMED)	M2	13		
82	560242	FURNISH SINGLE SHEET ALUMINUM SIGN (2.0 MM- FRAMED)	M2	71		
83	561015	1524 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	23		
84	566011	ROADSIDE SIGN - ONE POST	EA	85		
85	566012	ROADSIDE SIGN - TWO POST	EA	17		
86	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	8		
87	568015	INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	22		
88	620909	450 MM ALTERNATIVE PIPE CULVERT	M	71		
89	620913	600 MM ALTERNATIVE PIPE CULVERT	M	230		
90	620924	900 MM ALTERNATIVE PIPE CULVERT	M	120		

INDIAN CANYON DRIVE AT INTERSTATE 10
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FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
91	664097	600 MM BITUMINOUS COATED CORRUGATED STEEL PIPE (2.77 MM THICK)	M	200		
92	664110	900 MM BITUMINOUS COATED CORRUGATED STEEL PIPE (2.77 MM THICK)	M	50		
93	717072	100 MM POLYVINYL CHLORIDE SEWER PIPE	M	37		
94	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	M3	140		
95	721430	CONCRETE (CHANNEL LINING)	M3	73		
96	729010	ROCK SLOPE PROTECTION FABRIC	M2	330		
97 (F)	731504	MINOR CONCRETE (CURB AND GUTTER)	M3	250		
98 (F)	000003	MINOR CONCRETE (COLORED)	M2	1,890		
99 (F)	731521	MINOR CONCRETE (SIDEWALK)	M3	260		
100 (F)	731530	MINOR CONCRETE (TEXTURED PAVING)	M2	1,190		
101 (F)	750001	MISCELLANEOUS IRON AND STEEL	KG	1,262		
102	800391	CHAIN LINK FENCE (TYPE CL-1.8)	M	940		
103	820105	DELINEATOR (SPECIAL)	EA	23		
104	820107	DELINEATOR (CLASS 1)	EA	160		
105	832003	METAL BEAM GUARD RAILING (WOOD POST)	M	670		
106	839541	TRANSITION RAILING (TYPE WB)	EA	4		
107	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	5		
108	839585	ALTERNATIVE FLARED TERMINAL SYSTEM [TYPE SRT]	EA	9		
109	839605	CRASH CUSHION (REACT 9SCBS)	EA	3		
110	839703	CONCRETE BARRIER (TYPE 60C)	M	270		
111	839705	CONCRETE BARRIER (TYPE 60E)	M	89		
112	840515	THERMOPLASTIC PAVEMENT MARKING	M2	360		
113	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	1,210		
114	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	9,600		
115	840656	PAINT TRAFFIC STRIPE (2-COAT)	M	13,100		
116	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	15,300		
117	850110	PAVEMENT MARKER (RETROREFLECTIVE-SPECIAL TYPE C)	EA	86		
118	850111	PAVEMENT MARKER (RETROREFLECTIVE -SPECIAL TYPE D)	EA	790		
119	850112	PAVEMENT MARKER (RETROREFLECTIVE-SPECIAL TYPE G)	EA	2,790		
120	850113	PAVEMENT MARKER (RETROREFLECTIVE-SPECIAL TYPE H)	EA	450		

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
121	860251	SIGNAL AND LIGHTING (LOCATION 1)	LS	1		
122	860252	SIGNAL AND LIGHTING (LOCATION 2)	LS	1		
123	860300	SIGNAL AND LIGHTING (CITY STREET LOCATION 1)	LS	1		
124	860302	SIGNAL AND LIGHTING (CITY STREET LOCATION 2)	LS	1		
125	860460	LIGHTING AND SIGN ILLUMINATION	LS	1		
126	860701	INTERCONNECTION CONDUIT AND CONDUCTOR	LS	1		
127	861101	RAMP METERING SYSTEM (LOCATION 1)	LS	1		
128	861102	RAMP METERING SYSTEM (LOCATION 2)	LS	1		
129	861103	RAMP METERING SYSTEM (LOCATION 3)	LS	1		
130	861104	RAMP METERING SYSTEM (LOCATION 4)	LS	1		
131	861349	REMOVE EXISTING SIGNAL SYSTEM (LOCATION 1)	LS	1		
132	861350	REMOVE EXISTING SIGNAL SYSTEM (LOCATION 2)	LS	1		
133	999990	MOBILIZATION	LS	1		
134	000003	COURSE OF CONSTRUCTION INSURANCE	LS	1		
135	019901	DEMOBILIZATION	LS	1		
136	066102	DUST ABATEMENT	LS	1		
137	066105	RESIDENT ENGINEER OFFICE	LS	1		
138	066840	TRAFFIC SIGNAL CONTROLLER ASSEMBLY [WITH BATTERY BACK-UP] [2-LOCATIONS]	LS	1	13,600.00	13,600.00
139	066843	MODEL 170 CONTROLLER ASSEMBLY [RAMP METER] [4-LOCATIONS]	LS	1	19,200.00	19,200.00
140	066015	FEDERAL TRAINEE PROGRAM	LS	1		
141	047403	610 MM STEEL PIPE CASING	M	26		
142	157550	BRIDGE REMOVAL	LS	1		
143 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	M3	1,150		
144 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	M3	490		
145	490566	FURNISH STEEL PILING (HP 360 X 132)	M	2,277		
146	490567	DRIVE STEEL PILE (HP 360 X 132)	EA	196		
147	-----	ITEM DELETED BY ADDENDUM	-----	-----	-----	-----
148	-----	ITEM DELETED BY ADDENDUM	-----	-----	-----	-----
149	500020	PRESTRESSING PRECAST GIRDER	LS	1		
150 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	220		

INDIAN CANYON DRIVE AT INTERSTATE 10
RECONSTRUCTION OF INTERCHANGE
PROJECT No. A8-0372
FEDERAL AID No. ESPLHPLU-5282(034) and HP21L-5282(035)

PROPOSAL (Revised)

ITEM No.	ITEM CODE	ITEM	UNIT	ESTIMATED QUANTITY	ITEM PRICE	TOTAL (IN FIGURES)
151 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	1,710		
152 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	210		
153	511036	ARCHITECTURAL SURFACE [LAVA ROCK FACING]	M2	170		
154 (F)	511063	FRACTURED FIN TEXTURE	M2	140		
155	512254	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (25 M-30 M)	EA	26		
156	512255	FURNISH PRECAST PRESTRESSED CONCRETE BULB-TEE GIRDER (30 M-35 M)	EA	13		
157	512500	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	39		
158	519123	JOINT SEAL (TYPE B - MR 50 MM)	M	72		
159 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	244,000		
160 (F)	721810	SLOPE PAVING (CONCRETE)	M3	72		
161 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	KG	470		
162 (F)	833088	TUBULAR HANDRAILING	M	10		
163 (F)	833142	CONCRETE BARRIER (TYPE 26 MODIFIED)	M	110		
164	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	M	110		
165 (F)	833020	CHAIN LINK RAILING [MINI MESH]	M	91		

PROJECT SUBTOTAL _____
ITEMS 1-165 "WORDS" _____

ALTERNATE BID:

THE MISSION SPRINGS WATER DISTRICT

166	0000003	ADJUST WATER VALVE COVER TO GRADE	EA	14		
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PROJECT SUBTOTAL _____
ITEMS 166 "WORDS" _____

PROJECT TOTAL _____
ITEMS 1-166 "WORDS" _____



COUNTY OF RIVERSIDE TRANSPORTATION AND LAND MANAGEMENT AGENCY



**ADDENDUM NUMBER 3
Dated April 26, 2010**

to the
**Specifications and Contract Documents
for the construction of**

**I-10/ Indian Canyon Drive
Interchange Improvement Project
Project No A8-0372
ESPLHPLU-5282(034)
Federal Aid No. HP21L-5282(035)**

Bids Due: **Wednesday, April 28, 2010; 2:00 p.m.**
14th Street Transportation Annex
3525 14th Street; Riverside, CA 92501
(951) 955-6780

This Addendum is issued pursuant to Section 3-1.04 of the Contract Document for the referenced project. This Addendum is issued as a supplement to the plans, specifications and special provisions for the referenced project. Any revisions to the plans and specifications shall become a part of the Contract Documents, and each bidder shall acknowledge receipt thereof on the Contractor's Proposal. Bidders are directed to sign this addendum as acknowledged, and attach the signed addendum to the contractor's submitted proposal.

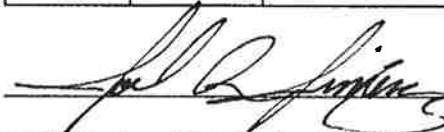
Note: During the advertisement period of this project, this document and attachments (if any) are available upon request at the office of the Transportation Department, and are available as a free download at the Transportation Department's website:

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

Item 1: **Estimated Quantity Revision.** Estimated quantity is revised for the below listed item of work. Bidders are instructed to correct the estimated quantity for the listed bid items, and to submit a bid for the revised quantity of work. In the event that a bidding contractor fails to adjust any quantity as directed by this addendum, the total bid prices will be corrected by multiplying the respective unit bid price by the corrected estimated quantity.

Item No.	Item Code	Item	Unit	Estimated Quantity
145	490566	FURNISH STEEL PILING (HP 360 X 132)	M	2977

Prepared by:



Joel Jimenez, PE; Senior Civil Engineer; Contracts/Bidding Unit
Granite Construction Company

Acknowledged:

 Date: 4/28/10

John P. Douglas, Chief Estimator
(Contractor)

JRJ:jh