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**DIVISION OF ENGINEERING SERVICES**  
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**\*\* WARNING \*\* WARNING \*\* WARNING \*\* WARNING \*\***  
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October 27, 2007

07-LA-5-C45.4/C46.1  
07-1X8404  
ACSTP-43Y1(001)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in LOS ANGELES COUNTY NEAR LOS ANGELES FROM SOUTH 14 TO SOUTH 5 CONNECTOR OVERHEAD TO 0.4 MILE SOUTH OF WELDON CANYON OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on October 29, 2007 at 10:00 a.m.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, and the Proposal and Contract.

Project Plan Sheet 2 is revised. Half-sized pdf format of the revised sheet is available for substitution for the like-numbered sheet on the Web site:

**[http://www/hq/esc/oe/project\\_ads\\_addenda/07/07-1X8404/pdf/](http://www/hq/esc/oe/project_ads_addenda/07/07-1X8404/pdf/)**

Project Plan Sheet 44 is revised as follows:

"PREPARE CONCRETE ABUTMENT WALL SURFACE 18,915 SQFT" is added to the QUANTITIES table.

In the Special Provisions, Section 5-1.16, "PROJECT INFORMATION," the fourth paragraph is revised as follows:

"Plans of the existing bridges may be requested by fax from the Office of Structure Maintenance and Investigations, 1801 30th Street, Sacramento, CA, Fax (916) 227-8357, are available at the Office of Structure Maintenance and Investigations, Los Angeles, CA, Telephone (213) 897-0877, and on the Web site at [http://www/hq/esc/oe/project\\_ads\\_addenda/07/07-1X8404/pdf/](http://www/hq/esc/oe/project_ads_addenda/07/07-1X8404/pdf/)."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the second, third and fourth paragraphs are deleted.

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In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added as follows:

"Prior to commencement of the test at any location, all items of work related to undercrossing lighting system shall be completed and all roadside signs, pavement delineation, and pavement markings shall be in place at that location."

In the Special Provisions, Section 10-1.02, "WATER POLLUTION CONTROL," is deleted.

In the Special Provisions, Section 10-1.03, "CONSTRUCTION SITE MANAGEMENT," is deleted.

In the Special Provisions, Section 10-1.04, "TEMPORARY CONCRETE WASHOUT (PORTABLE)," is deleted.

In the Special Provisions, Section 10-1.05, "TEMPORARY FIBER ROLL," is deleted.

In the Special Provisions, Section 10-1.06, "TEMPORARY SILT FENCE," is deleted.

In the Special Provisions, Section 10-1.07, "TEMPORARY GRAVEL BAGS BERM," is deleted.

In the Special Provisions, Section 10-1.08, "TEMPORARY DRAINAGE INLET PROTECTION," is deleted.

In the Special Provisions, Section 10-1.125, "HAZARDOUS MATERIALS MITIGATION PLANS AND REPORTS," is added as attached.

In the Special Provisions, Section 10-1.48, "PILING," subsection "MEASUREMENT AND PAYMENT (PILING)," the second sentence in this paragraph is revised as follows:

"Full compensation for slurry, depositing concrete under slurry, test batches, inspection pipes, filling inspection holes and pipes with grout, drilling oversized cast-in-drilled-hole concrete piling, filling cave-ins and oversized piles with concrete, and re-drilling through concrete, shall be considered as included in the contract lump sum price for vehicle speed feedback system and no additional compensation will be allowed therefor."

In the Special Provisions, Section 10-1.50, "CONCRETE STRUCTURES," subsection "GENERAL," the sixth paragraph is revised as follows:

"Where a roughened concrete surface is shown on the plans at top of abutment, the existing concrete surface shall be roughened to a full amplitude of approximately ¼ inch by abrasive blasting, water blasting, or mechanical equipment."

In the Special Provisions, Section 10-1.50, "CONCRETE STRUCTURES," subsection "MEASUREMENT AND PAYMENT," the second paragraph is revised as follows:

"Full compensation for roughening concrete surfaces to a full amplitude of approximately ¼ inch, where shown on the plans at top of existing abutment, shall be considered as included in the contract price paid per cubic yard for structural concrete, bridge and no separate payment will be made therefor."

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In the Special Provisions, Section 10-1.55, "SHOTCRETE (FINISH COAT)," subsection "PREPARE CONCRETE ABUTMENT WALL SURFACE," is added prior to subsection "PRECONSTRUCTION REQUIREMENTS" as follows:

**"PREPARE CONCRETE ABUTMENT WALL SURFACE**

The concrete surface of abutment 1 has been roughened from the beginning (east end) of abutment 1 for a length of 402 feet 9 inches at a height of 9 feet and for a length of 114 feet 6 inches at a height of 14 feet. The concrete surface of abutment 2 has been roughened from the beginning (east end) of abutment 2 for a length of 104 feet 10 inches at a height of 14 feet. The remaining concrete surfaces of abutment 1 and 2 shall be roughened prior to performing the shotcrete (finish coat) work.

Prepare concrete abutment wall surface shall consist of roughening the existing concrete wall surfaces to a full amplitude of approximately 1/4 inch by abrasive blasting, water blasting, or mechanical equipment."

In the Special Provisions, Section 10-1.55, "SHOTCRETE (FINISH COAT)," subsection "MEASUREMENT AND PAYMENT," the following paragraphs are added:

"Prepare concrete abutment wall surface will be measured by the square foot of surface that is roughened prior to receive the shotcrete (finish coat).

The contract price paid per square foot for prepare concrete abutment wall surface shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in preparing the concrete abutment wall surface, at locations described under "Shotcrete (Finish Coat) of these special provisions, the Standard Specifications, and as directed by the Engineer."

In the Special Provisions, Section 10-1.63, "PAVEMENT MARKERS," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Items 75, 76 and 77 are added and Item 74 is deleted as attached.

To Proposal and Contract book holders:

Replace page 6 of the Engineer's Estimate in the Proposal with the attached revised page 6 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the NOTICE TO CONTRACTORS section of the Notice to Contractors and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

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This office is sending this addendum by confirmed facsimile to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum is available for the contractor's use on the Web site:

**[http://www/hq/esc/oe/project\\_ads\\_addenda/07/07-1X8404/pdf/](http://www/hq/esc/oe/project_ads_addenda/07/07-1X8404/pdf/)**

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Division of Engineering Services - Office Engineer

Attachments

**10-1.63 PAVEMENT MARKERS**

Pavement markers shall be placed in conformance with the provisions in Section 85, "Pavement Markers," of the Standard Specifications and these special provisions.

The Contractor shall furnish the Engineer certificates of compliance for the pavement markers in conformance with the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications.

Retroreflective pavement markers shall be marked as abrasion resistant on the body of the markers.

### **10-1.125 HAZARDOUS MATERIALS MITIGATION PLANS AND REPORTS**

Hazardous materials mitigation plans and reports shall consist of a Health and Safety Plan (HSP), and Health and Safety Training, associated with the presence of lead and other metals as indicated in the report titled "Surface Wipe Sampling Report," dated October 26, 2007 within the project limits, conforming to the requirements of this special provision.

Handling material containing lead and other metals shall be in conformance with rules and regulations including, but not limited to, those of the following agencies:

California Division of Occupational Safety and Health Administration (Cal-OSHA)  
California Regional Water Quality Control Board, Region 4.

If the Contractor fails to prepare and submit plans or reports that are acceptable to the Engineer, and if, in the opinion of the Engineer, completion of work is impeded by delay in submitting acceptable reports or plans, the State will not be liable to the Contractor for loss of work days due to failure or delay.

#### **HEALTH AND SAFETY PLAN (HSP)**

The Contractor shall submit a project specific HSP, prepared and signed by a Certified Industrial Hygienist certified in comprehensive practice by the American Board of Industrial Hygiene, for site personnel, including State personnel, to prevent or minimize worker exposure to lead and other metals found within the project limits while performing work. The HSP shall comply with applicable Cal-OSHA requirements. Attention is directed to Title 8, California Code of Regulations, Section 1532.1, "Lead," for specific Cal-OSHA requirements when working with lead. The HSP shall be submitted at least 24 hours prior to the start of construction.

Information included in the HSP shall identify potential health and safety hazards associated with lead and other metals found within the project limits. The HSP shall be used to protect workers from physical and chemical hazards and shall be in conformance with, but not limited to, DTSC and Cal-OSHA regulations. At a minimum, the HSP shall identify key site safety personnel, describe risks associated with performing work required to complete this contract, training requirements, appropriate personal protective equipment, site-specific medical surveillance requirements, equipment and personnel decontamination requirements, and define appropriate site work zones.

The Contractor shall be responsible for the health and safety of employees and personnel within site work zones.

Daily safety meetings, health and safety training, and use of appropriate personal protective equipment shall be in compliance with the HSP and applicable DTSC and Cal-OSHA regulations.

The HSP shall include perimeter air monitoring for airborne lead and other metals during work. Air Monitoring shall be performed by a Certified Industrial Hygienist (CIH) or an Industrial Hygienist (IH) under the supervision of a CIH. Air monitoring data shall be reviewed and validated by a CIH and results shall be submitted to the Engineer within 24 hours after laboratory analyses are completed. Air monitoring samples shall be analyzed by a laboratory certified by the California Department of Health Services Environmental Lab Accreditation Program for analyses and conform to applicable requirements as stated in this special provision.

The Engineer will notify the Contractor of acceptance or rejection of submitted or revised HSPs not more than 24 hours after submittal. The Contractor shall have 24 hours to make necessary revisions.

When the Site Investigation (SI) is completed, the Contractor and the CIH shall update the HSP. The updated HSP shall be submitted to the Engineer for review and acceptance. The Engineer will notify the Contractor of acceptance or rejection of updated HSPs not more than 24 hours after submittal. The Contractor shall have 24 hours to make necessary revisions.

#### **Health and Safety Training**

Prior to the start of work, the Contractor shall provide Health and Safety training prepared by a CIH, including initial and subsequent training required until completion of the project, and provide a certification of completion to field personnel, including State personnel. The Health and Safety training program shall communicate the potential health and safety hazards associated with work and instruct personnel on procedures for conducting the work safely and minimizing hazards. The level of training provided shall conform to Cal-OSHA regulations and be consistent with the personnel's job function.

Health and Safety training, personal protective equipment, and medical surveillance required by the Contractor's HSP for personnel working within exclusion zones shall be supplied to State personnel by the Contractor. The number of State personnel requiring the Health and Safety training, personal protective equipment, and medical surveillance will be 3.

## **MEASUREMENT AND PAYMENT**

The contract lump sum price paid for Hazardous Materials Mitigation Plans and Reports shall include full compensation for furnishing all labor, materials, tools, equipment, work plans, reports, and incidentals, and for doing all the work involved in hazardous materials mitigation plans, including updating the plans as necessary, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Disposal of contaminated material will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

**ENGINEER'S ESTIMATE  
07-1X8404**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	839605	CRASH CUSHION (REACT 9SCBS)	EA	2		
62	839701	CONCRETE BARRIER (TYPE 60)	LF	490		
63	839720	CONCRETE BARRIER (TYPE 732)	LF	54		
64	013033	CONCRETE BARRIER (TYPE 732 RETROFIT)	LF	80		
65 (S)	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	17,800		
66 (S)	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	2,210		
67 (S)	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	8,820		
68 (S)	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	740		
69 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	630		
70 (S)	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
71 (S)	041221	UNDERCROSSING ELECTRICAL WORK	LS	LUMP SUM	LUMP SUM	
72 (S)	013034	VEHICLE SPEED FEEDBACK SYSTEM	LS	LUMP SUM	LUMP SUM	
73 (S)	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
74	BLANK					
75	013049	HAZARDOUS MATERIALS MITIGATION PLANS AND REPORTS	LS	LUMP SUM	LUMP SUM	
76	041222	PREPARE CONCRETE ABUTMENT WALL SURFACE	SQ FT	18,915		
77	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID: \_\_\_\_\_**