

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!  
Be energy efficient!*

June 1, 2012

10-SJ-99-10.6/14.9

10-0E6124

Project ID 1000020441

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN JOAQUIN COUNTY IN AND NEAR STOCKTON FROM 0.8 MILE SOUTH OF FRENCH CAMP ROAD UNDERCROSSING TO 0.3 MILE NORTH OF ARCH ROAD UNDERCROSSING.

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 Tuesday, June 12, 2012.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and the Bid book.

Project Plan Sheets 168, 171, 174, 203, 205 and 284 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 10-1.35, "EXISTING HIGHWAY FACILITIES," subsection "REMOVE SIGN STRUCTURE," is added as attached.

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In the Special Provisions, Section 10-1.38 "EARTH RETAINING STRUCTURES," the third paragraph is revised as follows:

"At the Contractor's option, one of the following acceptable alternative earth retaining systems may be constructed:

Proprietary Earth Retaining System	Address and Phone Number	Web Site
Reinforced Earth – 5 ft cruciform	The Reinforced Earth Company 1660 Hotel Circle North, Suite 304 San Diego, CA 92108 (619) 688-2400	www.reinforcedearth.com
Reinforced Earth – 5 ft square	The Reinforced Earth Company 1660 Hotel Circle North, Suite 304 San Diego, CA 92108 (619) 688-2400	www.reinforcedearth.com
Retained Earth	The Reinforced Earth Company 1660 Hotel Circle North, Suite 304 San Diego, CA 92108 (619) 688-2400	www.reinforcedearth.com
ARES – 9 by 5 ft	Tensar International Corporation 2500 Northwind Parkway, Suite 500 Alpharetta, GA 30009 (888) 828-5126	www.tensarcorp.com
Landmark Reinforced Soil Wall System	Anchor Wall Systems, Inc. 5959 Baker Road, Suite 390 Minnetonka, MN 55345-5995 (877) 295-5415	www.anchorwall.com
KeySystem 1	Keystone Retaining Wall Systems 4444 West 78th Street Minneapolis, MN 55435 (952) 897-1040	www.keystonewalls.com
Verdura Segmental Retaining Wall System	Soil Retention Products 2501 State Street Carlsbad, CA 92008 (800) 346-7995	www.soilretention.com
Mesa Retaining Wall System	Tensar International Corporation 2500 Northwind Parkway, Suite 500 Alpharetta, GA 30009 (888) 828-5126	www.tensarcorp.com

"

In the Special Provisions, Section 10-1.385 "TEMPORARY RETAINING WALL," is added as attached.

In the Bid book, in the "Bid Item List," Items 26, 28, and 29 are revised, Items 186, and 187 are added and Item 185 is deleted as attached.

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To Bid book holders:

Replace pages 4 and 11A of the "Bid Item List" in the Bid book with the attached revised pages 4 and 11A of the Bid Item List. The revised Bid Item List 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 Bidders section of the Notice to Bidders 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 Bid book.

Submit bids in the Bid 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.

This addendum and attachments are available for the Contractors' download on the Web site:

[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/10/10-0E6124](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/10/10-0E6124)

If you are not a Bid 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,



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

Attachments

## **REMOVE SIGN STRUCTURE**

Existing sign structures, where shown on the plans to be removed, shall be removed and disposed of.

Overhead sign structure removal shall consist of removing posts, frames, portions of foundations, sign panels, walkways with safety railings, and sign lighting electrical equipment.

A sign structure shall not be removed until the structure is no longer required for the direction of public traffic.

Concrete foundations may be abandoned in place, except that the top portion, including anchor bolts, reinforcing steel, and conduits shall be removed to a depth of not less than 0.5 feet below the adjacent finished grade. The resulting holes shall be backfilled and compacted with material equivalent to the surrounding material.

Electrical wiring shall be removed to the nearest pull box. Fuses within spliced connections in the pull box shall be removed and disposed of.

Electrical equipment, where shown on the plans, shall be salvaged.

### **10-1.385 TEMPORARY RETAINING WALL**

Temporary retaining wall shall be designed, constructed and maintained in accordance with the provisions in Standard Specifications, as shown on the plans, as specified in these special provisions and as directed by the Engineer.

The temporary retaining wall shall be designed to remain in place and be an integral part of the permanent embankment.

The temporary retaining wall may be of conventional construction or of alternative earth retaining system construction. No architectural fascia is required.

Within 30 days after the approval of the contract, the Contractor shall submit complete working drawings and calculations for the temporary retaining wall to the Engineer for review in accordance with the provisions in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. The retaining wall design shall include a vertical debris protection barrier adjacent to the face of the wall for the length of the wall. It shall extend from the lowest adjacent grade to a minimum of 4 feet above the wall construction at all times. The protection barrier shall be designed to prevent debris and construction materials from dropping or falling onto the traffic below the wall. Working drawings and calculations for the wall and the protection barrier shall be stamped and signed by a Civil Engineer currently registered in the State of California. Sufficient details for construction sequence, bracing and supports for the protection barrier shall be shown on the working drawings. Four sets of drawings and 2 copies of the design calculations including criteria as basis of the temporary retaining wall designs shall be submitted to the Engineer. The Contractor shall allow the Engineer 30 working days to review the drawings and design calculations after a complete submittal has been received. If revisions are required, as determined by the Engineer, the Contractor shall revise and resubmit the drawings and design calculations within 15 working days of receipt of the Engineer's comments and shall allow 30 working days for the Engineer to review the revisions. Upon the Engineer's approval of the drawings and design calculations, 4 additional sets of drawings and 2 copies of the design calculations, incorporating the required changes shall be submitted to the Engineer.

Working drawings shall be either 11 inch x 17 inch, or 22 inch x 34 inch in size.

All exposed synthetic or geo-synthetic material used in the wall construction including the protection barrier shall be treated with ultraviolet (UV) ray protection. The UV ray protection treatment shall be required to protect the construction materials and the overall retaining wall system to retain minimum 90% design strength throughout the required service life span of the wall.

Approval by the Engineer of the Temporary retaining wall drawings or the inspection performed by the Engineer will in no way relieve the Contractor of full responsibility for the temporary retaining wall.

### **EARTHWORK**

Excavation and backfill shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications, and these special provisions.

The Contractor shall substantiate all values used in the design of the temporary retaining wall shown on the working drawings.

### **MATERIAL**

All material shall comply to the provisions of the applicable sections of the Standard Specifications and these special provisions.

### **MEASUREMENT AND PAYMENT**

Full compensation for doing all work involved in temporary retaining wall, complete in place, and any associated temporary drainage system, including designing, preparing working drawings, constructing (including structure excavation and structure backfill), maintaining, and leaving in place, is included in the contract price paid per cubic yard for Imported Borrow (Mechanically Stabilized Embankment Walls) and no additional compensation will be allowed therefor.

**BID ITEM LIST****10-0E6124**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
22	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
23	120120	TYPE III BARRICADE	EA	15		
24	120165	CHANNELIZER (SURFACE MOUNTED)	EA	190		
25	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
26	129000	TEMPORARY RAILING (TYPE K)	LF	37,000		
27	129100	TEMPORARY CRASH CUSHION MODULE	EA	84		
28	022176	ALTERNATIVE TEMPORARY CRASH CUSHION	EA	3		
29	129150	TEMPORARY TRAFFIC SCREEN	LF	37,000		
30	150206	ABANDON CULVERT	LF	41		
31	150608	REMOVE CHAIN LINK FENCE	LF	12,600		
32	150662	REMOVE METAL BEAM GUARD RAILING	LF	1,120		
33	022177	REMOVE SINGLE THRIE BEAM BARRIER	LF	8,990		
34	150704	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE	LF	17,500		
35	150771	REMOVE PAINTED TRAFFIC STRIPE	LF	36,500		
36	150712	REMOVE PAINTED PAVEMENT MARKING	SQFT	130		
37	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	4,130		
38	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	150		
39	150722	REMOVE PAVEMENT MARKER	EA	1,600		
40	150742	REMOVE ROADSIDE SIGN	EA	67		

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	BLANK					
182	562004	METAL (RAIL MOUNTED SIGN)	LB	270		
183	839521	CABLE RAILING	LF	780		
184	731520A	MINOR CONCRETE (BRICK PATTERN)	CY	210		
185	BLANK					
186	150757	REMOVIE SIGN STRUCTURE (EA)	EA	1		
187	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

**TOTAL BID:**

\$ \_\_\_\_\_