

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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May 12, 2009

02-Mod-395-0.0/20.8
02-1E3204
SARRA-P395(224)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MODOC COUNTY NEAR ALTURAS FROM THE LASSEN/MODOC COUNTY LINE TO ALTURAS OVERHEAD.

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 Wednesday, May 20, 2009.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid Book and the Federal Minimum Wages with Modification Number 27 dated May 1, 2009.

Project Plan Sheet 5 is revised. A half-sized copy of the revised sheet is attached for substitution for the like-numbered sheet.

In the Special Provisions, Section 10-1.24, "PAVEMENT MARKERS," is added as follows:

"10-1.24 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.

Attention is directed to "Traffic Control System For Lane Closure" of these special provisions regarding the use of moving lane closures during placement of pavement markers with bituminous adhesive.

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.

Retroreflective pavement markers placed in pavement recesses shall be cemented with a flexible, polymer-modified, hot-melt asphaltic adhesive conforming to the following requirements:

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Specification	ASTM Designation	Requirement
Penetration, mm, 100 g, 5 seconds, 25°C	D 5	3.0 Maximum
Softening Point, °C	D 36	93 Minimum
Brookfield Thermosel Viscosity, Pa s, No. 27 Spindle, 20 RPM, 191°C	D 4402	2.5 - 6
Ductility, cm, 5 cm/min, 25°C	D 113	15 Minimum
Ductility, cm, 1 cm/min, 4°C	D 113	5 Minimum
Flexibility	D 3111 ^{1,2,3,4}	No breaks or cracks
Notes: 1. Modify ASTM Designation: D 3111, Paragraph 6, to "The test apparatus consists of a mandrel one inch in diameter by 3 inch to 6 inch in length, supported at each end." 2. Modify ASTM Designation: D 3111, Paragraph 7, to "The test specimen dimensions are one inch wide, 6 inch long, and 1/8 inch thick." 3. Modify ASTM Designation: D 3111, Paragraph 8, to "Condition the test specimens and apparatus for 4 hours at 19° F before testing." 4. Modify ASTM Designation: D 3111, Paragraph 10.5, to "Bend the test specimens 90° over the mandrel at a uniform rate in 10 seconds while maintaining intimate contact with the mandrel."		

Testing of adhesive bond strength will be performed on sandblasted concrete brick surface in conformance with the requirements in California Test 669 and these special provisions. The concrete brick surface will be sandblasted in conformance with the requirements in California Test 423. The test plugs of 2-inch diameter will be conditioned at 221° F for a minimum of 2 hours before bonding to the sandblasted concrete surface. The adhesive sample will be heated to the application temperature as recommended by the manufacturer and a sample of 3 inch diameter in area will be poured onto the sandblasted concrete surface. The heated plug will immediately be pressed onto the puddle of hot adhesive to squeeze out excess adhesive. The excess adhesive extruding from under the plug will be removed. The assembly will be allowed to cure for 24 hours at 73° F ± 3.6° F and then be tested to bond failure at a crosshead speed of 2 inches per minute. The reported peak load and the bond strength value will be the average of 3 tests, respectively. The same bond strength test will be performed on retroreflective pavement markers. Instead of placing the heated adhesive sample on the sandblasted concrete surface, it will be placed on the bottom of the pavement markers.

Minimum bond strength to the sandblasted concrete brick surface shall be 100 psi and minimum bond strength to retroreflective pavement markers shall be 119 psi.

Adhesive placed in pavement recesses shall be applied as recommended by the manufacturer.

Retroreflective pavement markers placed in pavement recesses will be measured and paid for as pavement marker (retroreflective-recessed)."

In the Special Provisions, Section 3-1.02, "DATA UNIVERSAL NUMBERING SYSTEM (D-U-N-S) NUMBER," and Section 3-1.03, "CONTRACT EXECUTION," are added as follows:

"3-1.02 DATA UNIVERSAL NUMBERING SYSTEM (D-U-N-S) NUMBER

For the purpose of complying with the American Recovery and Reinvestment Act of 2009, the successful bidder must provide the Department a D-U-N-S number.

Complete and sign the Data Universal Numbering System (D-U-N-S) Number form included in the contract documents. This form must be submitted with the executed contract.

If your company does not have a D-U-N-S number, you can obtain one by contacting Dun & Bradstreet at:

<http://dnb.com/us/>

If you fail to submit this information with the executed contract, the Department will not approve the contract.

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3-1.03 CONTRACT EXECUTION

Comply with section titled Data Universal Numbering System (D-U-N-S) Number of these special provisions and Section 3-1.09, "Contract Execution," of the Standard Specifications, except the contract documents must be received by the Office Engineer before the 5th business day after the bidder receives the contract."

In the Bid book, in the "Bid Item List," Item 16 is added as attached.

To Bid book holders:

Replace page 1 of the "Bid Item List" in the Bid book with the attached revised page 1 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 office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the Contractors' use on the Web site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addenda.php

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,

ORIGINAL SIGNED BY

JOHN BULINSKI
District Director
District 2 North Region

Attachments

**ENGINEERS ESTIMATE
02-1E3204**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070013	SMALL BUSINESS UTILIZATION REPORT	EA	1	250.00	250.00
2	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
3	074017	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2		
7	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	1,080		
8	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
9	365001	SAND COVER	TON	560		
10	370120	ASPHALT-RUBBER BINDER	TON	970		
11	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TON	110		
12	375030	SCREENINGS (HOT-APPLIED)	TON	6,530		
13	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	170		
14	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	1,200		
15	016349	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE, 2-COAT)	LF	337,000		
16	850122	PAVEMENT MARKER (RETROREFLECTIVE - RECESSED)	EA	4,250		