

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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February 8, 2013

03-Nev-80-R12.3/13.3

03-3F0304

Project ID 0312000045

ACHSNHG-0804(198)

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN NEVADA COUNTY NEAR TRUCKEE FROM 0.4 MILE WEST OF DONNER PASS ROAD OVERCROSSING TO 0.1 MILE EAST OF DONNER PASS ROAD 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 Wednesday, February 27, 2013.

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 2 dated February 8, 2013.

Project Plan Sheets 1, 2, 3, 4, 5, 7, 8, 12, 21 and 22 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 3A, 13A, 22A and 22B are added. Copies of the added sheets are attached for addition to the project plans.

In the Notice to Bidders and Special Provisions, in the "STANDARD PLANS LIST," the following Standard Plan) is deleted:

"T10."

In the Special Provisions, Section 1-1.01, "Bid Items and Applicable Sections," is revised as attached.

In the Special Provisions, Section 2-1.06B, "Supplemental Project Information," is revised as attached.

In the Special Provisions, Section 15-2.02B(3), "Cold Plane Asphalt Concrete Pavement," is added as attached.

In the Special Provisions, Section 15-2.03A(2)(b), "Department Salvage Location," is revised as attached.

In the Special Provisions, Section 15-2.03A(4), "Payment," is revised as attached.

In the Special Provisions, Section 83-2.02E(3), "CRASH CUSHION (TYPE TRACC)," is added as attached.

Addendum No. 2
Page 2
February 8, 2013

03-Nev-80-R12.3/13.3
03-3F0304
Project ID 0312000045
ACHSNHG-0804(198)

In the Special Provisions, Section 86-1.01, "ELECTRICAL SYSTEMS," the following paragraph is added.

"This work is shown on sheets labeled E-1. The work involved in each section 86 bid item is shown on a sheet with a sheet title matching the bid item description except for the following bid items:

"1. Maintaining existing traffic management system elements during construction."

In the Special Provisions, Section 86-1.03, "ELECTRICAL SYSTEMS," the following paragraph is added after the second paragraph.

"13. Materials shown in the quantity tables on sheets labeled E-2."

In the Bid book, in the "Bid Item List," Items 10, 12, 16, 19, 20, 21, 23, 24, 27, 29, 33, 35 and 40 are revised, Items 46, 47, 48 and 49 are added and Item(s) 45 is deleted as attached.

To Bid book holders:

Replace the entire "Bid Item List" in the Bid book with the attached revised Bid Item List. The revised Bid Item List is to be used in the bid.

The Cross Sections, identified as file 03-3F0304XS is revised as attached.

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.

Addendum No. 2
Page 3
February 8, 2013

03-Nev-80-R12.3/13.3
03-3F0304
Project ID 0312000045
ACHSNHG-0804(198)

This addendum, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-3F0304

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,



JODY JONES
District Director

Attachments

Add to section 1-1.01:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
025167	Temporary Crash Cushion (Absorb 350)	12
025168	Crash Cushion (X-Tension Median Attenuator Full System)	83
025277	Crash Cushion (Type TRACC)	83

Add to section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the <i>Information Handout</i>	Aerially Deposited Lead Site Investigation Report, Interstate 80 (03-NEV-800), Post Mile 12.2 to 13.6, Nevada County, California, by Geocon Consultants, Inc, dated June 2012.
Available as specified in the <i>Standard Specifications</i>	Cross Sections Original Ground Data Vertical Geometric Alignment File Horizontal Geometric Alignment File

Replace section 15-2.02B(3) with:

15-2.02B(3) Cold Planing Asphalt Concrete Pavement

15-2.02B(3)(a) General

The work includes cold planing existing asphalt concrete pavement and base material if shown on the plans.

Schedule cold planing activities so that not more than 72 hours elapses between the time the pavement is cold planed and the HMA is placed.

15-2.02B(3)(b) Materials

Use the same quality of HMA for temporary tapers that is used for the HMA overlay or comply with the specifications for minor HMA in section 39.

15-2.02B(3)(c) Construction

15-2.02B(3)(c)(i) General

Do not use a heating device to soften the pavement.

The cold planing machine must be:

1. Equipped with a cutter head width that matches the planing width. If the cutter head width is wider than the cold plane area shown, submit to the Engineer a request for using a wider cutter head. Do not cold plane unless the Engineer approves your request.
2. Equipped with automatic controls for the longitudinal grade and transverse slope of the cutter head and:
 - 2.1. If a ski device is used, it must be at least 30 feet long, rigid, and a 1-piece unit. The entire length must be used in activating the sensor.
 - 2.2. If referencing from existing pavement, the cold planing machine must be controlled by a self-contained grade reference system. The system must be used at or near the centerline of the roadway. On the adjacent pass with the cold planing machine, a joint-matching shoe may be used.
3. Equipped to effectively control dust generated by the planing operation
4. Operated so that no fumes or smoke is produced.

Replace broken, missing, or worn machine teeth.

15-2.02B(3)(c)(ii) Grade Control and Surface Smoothness

Furnish, install, and maintain grade and transverse slope references.

The depth, length, width, and shape of the cut must be as shown or as ordered. The final cut must result in a neat and uniform surface. Do not damage the remaining surface.

The completed surface of the planed asphalt concrete pavement must not vary more than 0.02 foot when measured with a 12-foot straightedge parallel with the centerline. With the straightedge at right angles to the centerline, the transverse slope of the planed surface must not vary more than 0.03 foot.

Where lanes are open to traffic, the drop-off of between adjacent lanes must not be more than 0.15 foot.

15-2.02B(3)(c)(iii) Temporary HMA Tapers

If a drop-off between the existing pavement and the planed area at transverse joints cannot be avoided before opening to traffic, construct a temporary HMA taper. The HMA temporary taper must be:

1. Placed to the level of the existing pavement and tapered on a slope of 30:1 (horizontal:vertical) or flatter to the level of the planed area
2. Compacted by any method that will produce a smooth riding surface

Completely remove temporary tapers before placing permanent surfacing.

15-2.02B(3)(c)(iv) Remove Planed Material

Remove cold planed material concurrent with planing activities so that removal does not lag more than 50 feet behind the planer.

15-2.02B(3)(d) Payment

Payment for removal of pavement markers, thermoplastic traffic stripe, painted traffic stripe, and pavement marking within the area of cold planing is included in the payment for cold plane asphalt concrete pavement of the types shown in the Bid Item List.

Replace section 15-2.03A(2)(b) with:

15-2.03A(2)(b) Department Salvage Location

A minimum of 2 business days before hauling salvaged material to the Department salvage storage location, notify:

1. Engineer
2. District Maintenance Supervisor at the Caltrans Keiser Ave Maintenance Station, at telephone number (530) 587-3564

The salvage storage location for the two Temporary Crash Cushion (ABSORB 350), and the modules from stations 126+00 and 127+70, as well as, the three frame and grate removed from drainage systems 1, 2 and 3 is:

CALTRANS MAINTENANCE STATION
10152 Keiser Ave.
Truckee, CA 96160

Replace section 15-2.03A(4) with:

15-2.03A(4) Payment

Payment for salvaging frame and grate of drainage systems 1, 2 and 3 is included in the payment for minor concrete (minor structure).

Payment for salvaging Temporary Crash Cushion (ABSORB 350) and for salvaging the modules at stations 126+00 and 127+70 is included in the payment for remove crash cushion.

Replace section 83-2.02E(3) with:

83-2.02E(3) CRASH CUSHION (TYPE TRACC)

Crash Cushion (Type TRACC) must be installed where shown.

Crash Cushion (Type TRACC) must be-as manufactured by Trinity Industries, Inc.

Arrangements have been made to ensure that any successful bidder can obtain the Crash Cushion (Type TRACC) from the manufacturer, Trinity Highway Products, LLC, P.O. Box 99, Centerville, UT 84012, telephone (800) 772-7976. The price quoted by the manufacturer for the Crash Cushion (Type TRACC) attenuating terminal, FOB Centerville, Utah is \$13,500, not including sales tax.

The above price will be firm for orders placed on or before 07-29-13, provided delivery is accepted within 90 days after the order is placed.

Submit a certificate of compliance for Crash Cushion (Type TRACC).

Submit the manufacture's installation instructions to the Engineer 5 business days before the start of installation.

Crash Cushion (Type TRACC) installed shall be identified by painting Crash Cushion (Type TRACC) in neat black letters and figures 2 inches high on the backside of the fender panel nearest the concrete barrier.

Install the Crash Cushion (Type TRACC) under the manufacturer's installation instructions.

Dispose of surplus excavated material.

BID ITEM LIST

03-3F0304

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070030	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
2	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
3	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
4	120165	CHANNELIZER (SURFACE MOUNTED)	EA	10		
5	128652	PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	LUMP SUM	LUMP SUM	
6	129000	TEMPORARY RAILING (TYPE K)	LF	560		
7	025167	TEMPORARY CRASH CUSHION (ABSORB 350)	EA	2		
8	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
9	130300	PREPARE STORM WATER POLLUTION PREVENTIONPLAN	LS	LUMP SUM	LUMP SUM	
10	130310	RAIN EVENT ACTION PLAN	EA	4	500.00	2,000.00
11	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	4		
12	130330	STORM WATER ANNUAL REPORT	EA	1	2,000.00	2,000.00
13	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	7		
14	130730	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
15	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
16	150203	ABANDON CULVERT (EA)	EA	1		
17	150820	REMOVE INLET	EA	2		
18	153221	REMOVE CONCRETE BARRIER	LF	150		
19	155232	SAND BACKFILL	CY	7		
20	156585	REMOVE CRASH CUSHION	EA	2		

BID ITEM LIST

03-3F0304

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	190101	ROADWAY EXCAVATION	CY	3,600		
22 (F)	193118	CONCRETE BACKFILL	CY	1.6		
23	260203	CLASS 2 AGGREGATE BASE (CY)	CY	3,300		
24	390132	HOT MIX ASPHALT (TYPE A)	TON	3,620		
25	390136	MINOR HOT MIX ASPHALT	TON	60		
26	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	250		
27	397005	TACK COAT	TON	9		
28	498050	54" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	49		
29 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	6.5		
30 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	LB	24,891		
31 (F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	LB	24,891		
32	560244	FURNISH LAMINATED PANEL SIGN (1"- TYPE A)	SQFT	400		
33	641107	18" PLASTIC PIPE	LF	90		
34	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	.7		
35 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	1,195		
36	832001	METAL BEAM GUARD RAILING	LF	130		
37	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	130		
38	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	2		
39	025168	CRASH CUSHION (X-TENSION MEDIAN ATTENUATOR FULL SYSTEM)	EA	1		
40	839710	CONCRETE BARRIER (TYPE 60S)	LF	930		

BID ITEM LIST
03-3F0304

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	839716	CONCRETE BARRIER (TYPE 60SF)	LF	330		
42	840582	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	6,310		
43	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
44	860501	SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
45	BLANK					
46	839712	CONCRETE BARRIER (TYPE 60SC)	LF	1,750		
47	025277	CRASH CUSHION (TYPE TRACC)	EA	1		
48	150812	REMOVE PIPE (LF)	LF	6		
49	153103	COLD PLANE AC PAVEMENT	SQYD	2,400		

TOTAL BID:

\$
