

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

December 5, 2014

03-Sac-160-L1.4/L4.2
03-3F6604
Project ID 0313000039
ACNH-P160(023)

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SACRAMENTO COUNTY NEAR ANTIOCH FROM 1.2 MILES SOUTH OF SHERMAN ISLAND LEVEE ROAD TO WEST SHERMAN ISLAND ROAD.

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, December 17, 2014.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, and the *Bid* book.

Project plan sheets 2, 3, 5, 6, 12, and 13 are replaced and attached for substitution for the like-numbered sheets.

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

In the Special Provisions, Section 19-9.02 is replaced as attached.

In the Special Provisions, Section 39, "HOT MIX ASPHALT," subsection 39-2 is added as follows:

"Replace "Reserved" in section 39-2.02C of the RSS for section 39 with: The grade of asphalt binder for Type A HMA must be PG 64-16."

In the Special Provisions, Section 39, "HOT MIX ASPHALT," subsection 39-4 is added as follows:

"Add to section 39-4.02C of the RSS for section 39: For RHMA-O the grade of asphalt binder must be PG 64-16."

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In the *Bid* book, in the "Bid Item List," Items 19, 34 and 52 are replaced.

In the *Bid* book, in the "Bid Item List," Item 59 and 60 are added.

In the *Bid* book, in the "Bid Item List," Item 58 is deleted.

To *Bid* book holders:

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*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

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

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-3F6604

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,


AMARJEET BENIPAL
District Director
Attachments

Replace section 15-2.02B(3) with:

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

15-2.02B(3)(a) General

Schedule cold planing activities to ensure that cold planing, placement of HMA, and reopening the area to traffic is completed during the same work shift.

15-2.02B(3)(b) Materials

Not Used.

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.

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

Not Used.

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 19-9.02 with:

19-9.02 MATERIALS

Shoulder backing must be clean and consist of one or any combination of the following materials:

1. Broken stone
2. Crushed gravel
3. Natural rough surfaced gravel
4. Sand

Shoulder backing must comply with the grading requirements for the sieve sizes shown in the following table:

Sieve sizes	Percentage passing
2"	100
1"	75-100
3/4"	65-100
No. 4	35-60
No. 30	10-35
No. 200	5-15

Sand equivalent for shoulder backing must be from 10 to 35.

If a combination of broken stone, crushed gravel, natural rough surfaced gravel, and sand is used, shoulder backing must comply with the quality requirements shown in the following table:

Property	California Test	Requirements
Sand equivalent	217	10-30
Percentage crushed particles (% min) ^a	205	
One fractured face		75
Two fractured faces		50
Durability index	229	25

^a Applies to material retained on no. 4 sieve only

When tested under California Test 212 using the rodding method, the minimum unit weight of shoulder backing must be 105 lb/cu ft.

Delete the 1st paragraph of section 19-9.03

BID ITEM LIST
03-3F6604

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	120120	TYPE III BARRICADE	EA	6		
5	120165	CHANNELIZER (SURFACE MOUNTED)	EA	11		
6	128652	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
7	129000	TEMPORARY RAILING (TYPE K)	LF	200		
8	028202	ALTERNATIVE TEMPORARY CRASH CUSHION	EA	2		
9	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
10	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
11	130640	TEMPORARY FIBER ROLL	LF	160		
12	130680	TEMPORARY SILT FENCE	LF	160		
13	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
14	141120	TREATED WOOD WASTE	LB	18,700		
15	150661	REMOVE GUARDRAIL	LF	1,450		
16	150771	REMOVE ASPHALT CONCRETE DIKE	LF	1,180		
17	150859	REMOVE ASPHALT CONCRETE OVERSIDE DRAIN	EA	3		
18	028203	RESET GUARDRAIL	LF	170		
19	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	2,300		
20	160102	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	

**BID ITEM LIST
03-3F6604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	190101	ROADWAY EXCAVATION	CY	27		
22	190185	SHOULDER BACKING	TON	1,050		
23	198010	IMPORTED BORROW	CY	50		
24	198209	SUBGRADE ENHANCEMENT GEOTEXTILE, CLASS B2	SQYD	660		
25	210210	EROSION CONTROL (DRY SEED)	SQFT	500		
26	210350	FIBER ROLLS	LF	300		
27	210420	STRAW	SQFT	500		
28	210600	COMPOST	SQFT	500		
29	210630	INCORPORATE MATERIALS	SQFT	500		
30	260203	CLASS 2 AGGREGATE BASE	CY	13		
31	374207	CRACK TREATMENT	LNMI	6		
32	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	
33	390020	PREPAVING GRINDING DAY	EA	3		
34	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	220		
35	390136	MINOR HOT MIX ASPHALT	TON	50		
36	390138	RUBBERIZED HOT MIX ASPHALT (OPEN GRADED)	TON	3,950		
37	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	10,100		
38	028204	CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	STA	150		
39	394053	SHOULDER RUMBLE STRIP (HMA,GROUND-IN INDENTATIONS)	STA	290		
40	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	1,180		
42	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	10		
43	397005	TACK COAT	TON	45		
44	820107	DELINEATOR (CLASS 1)	EA	18		
45	028205	HIGHWAY POST MARKER	EA	6		
46	820151	OBJECT MARKER (TYPE L-1)	EA	2		
47	832015	MIDWEST GUARDRAIL SYSTEM (7' WOOD POST)	LF	1,250		
48	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	390		
49	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	4		
50	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	2		
51	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2		
52	840516	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	310		
53	846001	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	48,700		
54	846003	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 12-3)	LF	600		
55	846005	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	8,360		
56	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	400		
57	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	940		
58	BLANK					
59	390132	HOT MIX ASPHALT (TYPE A)	TON	325		
60	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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