

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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Be energy efficient!*

March 21, 2014

08-SBd-40-R73.0/R89.0

08-OK2804

Project ID 0800000338

ACIM-040-1(079)73E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN BERNARDINO COUNTY NEAR LUDLOW FROM 1.5 MILES WEST OF OLD DAD WASH TO 1.5 MILES WEST OF FORTRESS WASH.

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 Thursday, April 10, 2014.

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

Project plan sheets 2, 5, 14, 16 and 17 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheet 2A is added and attached for addition to the project plans.

In the Special Provisions, DIVISION II "GENERAL CONSTRUCTION," Section 12-4.05B, CHART NO. 1 and 2 are added as attached.

In the Special Provisions, DIVISION II "GENERAL CONSTRUCTION," Section 12-4.05E, CHART NO. 3 and 4 are added as attached.

In the Special Provisions, DIVISION II "GENERAL CONSTRUCTION," Section 14-6.07, "NATURAL RESOURCE PROTECTION PLAN," is added as attached.

In the Special Provisions, DIVISION II "GENERAL CONSTRUCTION," Section 15-2.02B(3), "COLD PLANE ASPHALT CONCRTE PAVEMENT," is added as attached.

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In the *Bid* book, in the "Bid Item List," Item 4 is replaced, Items 46, 47, 48 and 49 are added and Items 22 and 45 are deleted as attached.

To *Bid* book holders:

In the *Bid* book, pages 3, 4 and 5 of the "Bid Item List" are replaced as attached. The attached 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 is available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/08/08-0K2804

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.


BASEM MUALLEM
District Director

Attachments

Replace "Reserved" in section 12-4.05B with:

Chart No. 1 Freeway/Expressway Lane Requirements																									
County: San Bernardino					Route/Direction: 40/EB										PM: R73.0-R89.0										
Closure limits:																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fri																									
Sat								1	1	1	1	1	1	1	1	1				1	1	1	1	1	
Sun	1	1	1	1	1			1	1	1	1	1	1	1	1	1				1	1	1	1	1	
Legend:																									
<input type="checkbox"/> 1 Provide at least 1 through freeway lane open in direction of travel <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS:																									

Replace "Reserved" in section 12-4.05B with:

Chart No. 2 Freeway/Expressway Lane Requirements																									
County: San Bernardino					Route/Direction: 40/WB										PM: R73.0-R89.0										
Closure limits:																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu								1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Fri	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Sat	1	1	1	1	1			1	1	1	1	1	1	1	1	1									
Sun																									
Legend:																									
<input type="checkbox"/> 1 Provide at least 1 through freeway lane open in direction of travel <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS:																									

Replace "Reserved" in section 12-4.05E with:

Chart No. 3																									
Complete Ramp Closure Hours/Ramp Lane Requirements																									
County: San Bernardino							Route/Direction: 40/EB										PM: R77.298-R78.448								
Closure limits:																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Fri																									
Sat								C	C	C	C	C	C	C	C	C	C				C	C	C	C	C
Sun	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C				C	C	C	C	C
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS:																									

Replace "Reserved" in section 12-4.05E with:

Chart No. 4																									
Complete Ramp Closure Hours/Ramp Lane Requirements																									
County: San Bernardino							Route/Direction: 40/WB										PM: R77.980-R78.422								
Closure limits:																									
Hour	24	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Mon-Thu								C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Fri	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Sat	C	C	C	C	C			C	C	C	C	C	C	C	C	C	C								
Sun																									
Legend:																									
<input type="checkbox"/> C Ramp may be closed completely <input type="checkbox"/> Work allowed within the highway where shoulder or lane closure is not required																									
REMARKS:																									

Replace section 14-6.07 with:

14-6.07 NATURAL RESOURCE PROTECTION PLAN

14-6.07A General

14-6.07A(1) Summary

Section 14-6.07 includes specifications for preparing a plan to protect biological resources.

Prepare a natural resource protection plan that defines measures you will take to maintain project compliance with all environmental laws, regulations, and PLAC requirements.

Comply with section 14-6.02.

This project is within or near habitat for regulated species. Regulated species include the following:

Gopherus agassizii (Desert Tortoise)

14-6.07A(2) Submittals

Submit the natural resource protection plan within 7 days after Contract approval. Allow 15 days for the Engineer's review. If the submittal is incomplete, the Engineer will provide comments. Within 7 days after receiving the Engineer's comments, update and resubmit the natural resource protection plan.

14-6.07A(3) Quality Control and Assurance

The natural resource protection plan must be prepared and signed by a biologist knowledgeable of the species or habitats discussed and address species protection measures.

The natural resource protection plan includes:

1. List of species and habitats addressed in the plan
2. List of protocols for species protection surveys, with full protocols in an appendix
3. Protection measures for regulated species likely to occur in the project site
4. Protective radii for regulated species encounters
5. Implementation plan for protection measures, including monitoring schedule
6. Monitoring duties
7. Justification for each instance where protection measures and an implementation plan are not necessary for a regulated species
8. Schedule for inspecting protection measures
9. Schedule for maintaining protection measures
10. Schedule for submittal of monitoring reports
11. Response plan for instances where regulated species are encountered
12. Content and schedule for a Biological Resource Information Program
13. Location and schedule of fence installation and removal, with identification of species or habitats to be protected by each ESA and Species Protection Area (SPA)
14. Protection measures required within each SPA

14-6.07B Materials

Not Used

14-6.07C Construction

Not Used

14-6.07D Payment

Not Used

Replace section 15-2.02B(3) with:

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

15-2.02B(3)(a) General

At the locations listed above, if you do not complete HMA placement before opening the area to traffic, you must:

1. Construct a temporary HMA taper to the level of the existing pavement
2. Place HMA during the next work shift
3. Submit a corrective action plan that shows you will complete cold planing and placement of HMA in the same work shift. Do not restart cold planing activities until the Engineer approves the corrective action plan.

Schedule cold planing activities so that not more than 48 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.

**BID ITEM LIST
08-0K2804**

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	026866	TEMPORARY FENCE (TYPE DESERT TORTOISE)	LF	1,500		
3	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
4	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	200		
5	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
6	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
7	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	460		
8	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	526,000		
9	128651	PORTABLE CHANGEABLE MESSAGE SIGN (EA)	EA	4		
10	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
11	130200	PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM	LUMP SUM	
12	130640	TEMPORARY FIBER ROLL	LF	500		
13	146002	CONTRACTOR-SUPPLIED BIOLOGIST (LS)	LS	LUMP SUM	LUMP SUM	
14	150771	REMOVE ASPHALT CONCRETE DIKE	LF	35,100		
15	151296	SALVAGE GUARDRAIL	LF	33,800		
16	152299	RESET MILEPOST MARKER	EA	10		
17	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	753,000		
18	198011	IMPORTED BORROW (TON)	TON	7,640		
19	370001	SAND COVER (SEAL)	TON	1,130		
20	370120	ASPHALT-RUBBER BINDER	TON	1,130		

**BID ITEM LIST
08-0K2804**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TON	54		
22	BLANK					
23	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	
24	390129	HOT MIX ASPHALT (TYPE C)	TON	130,000		
25	390132	HOT MIX ASPHALT (TYPE A)	TON	680		
26	394053	SHOULDER RUMBLE STRIP (HMA,GROUND-IN INDENTATIONS)	STA	3,380		
27	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
28	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	1,280		
29	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	14,800		
30	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	19,100		
31	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQFT	110		
32	397005	TACK COAT	TON	350		
33 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	18		
34	820118	GUARD RAILING DELINEATOR	EA	200		
35	820151	OBJECT MARKER (TYPE L-1)	EA	30		
36	832016	MIDWEST GUARDRAIL SYSTEM (7' POST)	LF	34,200		
37	839543	TRANSITION RAILING (TYPE WB-31)	EA	24		
38	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	16		
39	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	8		
40	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	34		

**BID ITEM LIST
08-0K2804**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	670		
42	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	LF	526,000		
43	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	14,100		
44	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	7,350		
45	BLANK					
46	141120	TREATED WOOD WASTE	LB	491,000		
47	146003	NATURAL RESOURCES PROTECTION PLAN	LS	LUMP SUM	LUMP SUM	
48	375035	PRECOATED SCREENINGS	TON	7,660		
49	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
