

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!*

August 26, 2016

06-Ker-99-49.6
06-OH6424
Project ID 0614000266
ACNHP-P099(603)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN KERN COUNTY IN MCFARLAND AT KERN AVENUE PEDESTRIAN OVERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, *Information Handout*, and the Federal Minimum Wages with Modification Number 12 dated 08/26/2016.

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, September 7, 2016.

Project plan sheets 25, 56, 57, 65, 66, 68, 73, 83, 93, 94, 104, and 105 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 56A is added and attached for addition to the project plans.

In the Special Provisions, Section 1-1.01, the first paragraph is replaced as follows:

"Add to section 1-1.01:**Bid Items and Applicable Sections**

Item code	Item description	Applicable section
031403	CONCRETE BARRIER (TYPE 60R)	83
045336	COMMUNICATION CONDUIT (BRIDGE)	86
870200	LIGHTING SYSTEM	86
872130	MODIFYING EXISTING ELECTRICAL SYSTEM	86

In the Special Provisions, Section 83-1.02C(3) is replaced as attached.

The *Information Handout* is replaced as attached.

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In the *Bid* book, in the "Bid Item List," Items 24, 25, 34, 41, 42, 43, 45, 47, 48, 56 and 62 are replaced.

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, 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/06/06-0H6424

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,



SHARRI BENDER EHLERT
District Director
District 6 Central Region

Attachments

Replace section 83-1.02C(3) with:

83-1.02C(3) Alternative Flared Terminal System

Alternative flared terminal system must be furnished and installed as shown on the plans and under these special provisions.

Obtain the Department-authorized manufacturer's drawing and the manufacturer's check list for the assembly and installation of the alternative flared terminal system from the manufacturer's representative or distributor. Notify the Engineer of the type of alternative flared terminal system to be installed at each location before starting installation activities. Complete, sign, and date the check list for each installed terminal system and submit a copy of the completed and signed check list for each installed location. The Engineer signs and dates the completed check lists, verifying the terminal system at each location was assembled and installed under the manufacturer's instructions and as described.

The allowable alternatives for a flared terminal system must consist of one of the following or a Department-authorized equal.

1. TYPE FLEAT-SP-MGS for steel TERMINAL SYSTEM - Type FLEAT-MGS terminal system must be a Flared Energy Absorbing Terminal 350, system length 37'-6", manufactured by Road Systems, Inc., located in Big Spring, Texas, and must include items detailed for Type FLEAT-MGS terminal system shown on the plans. The Flared Energy Absorbing Terminal 350 can be obtained from the distributor, Universal Industrial Sales, P.O. Box 699, Pleasant Grove, UT 84062, telephone (801) 785-0505 or from the distributor, Gregory Industries, Inc., 4100 13th Street, S.W., Canton, OH 44708, telephone (330) 477-4800.
2. TYPE X-LITE - Type X-Lite terminal system must be a 31" X-Lite Guard Rail End Terminal as manufactured by Barrier Systems, Inc., located in Vacaville, CA, and must include items detailed for Type 31" X-Lite terminal system shown on the plans. The 31" X-Lite Guard Rail End Terminal can be obtained from the distributor, Statewide Safety and Signs, Inc., 130 Grobric Court, Fairfield, CA 94533, telephone (800) 770-2644.
3. TYPE 31" X-TENSION - Type 31" X-Tension terminal system must be a 31" X-Tension Guard Rail End Terminal as manufactured by Barrier Systems, Inc., located in Vacaville, CA, and must include items detailed for Type 31" X-Tension terminal system shown on the plans. The 31" X-Tension Guard Rail End Terminal can be obtained from the distributor, Statewide Safety and Signs, Inc., 130 Grobric Court, Fairfield, CA 94533, telephone (800) 770-2644.

Submit a certificate of compliance for terminal systems.

Terminal systems must be installed under the manufacturer's installation instructions and these specifications. Each terminal system installed must be identified by painting the type of terminal system in neat black letters and figures 2 inches high on the backside of the rail element between system posts numbers 4 and 5. Paint must be metallic acrylic resin type spray paint. Before applying terminal system identification, the surface to receive terminal system identification must be removed of all dirt, grease, oil, salt, or other contaminants by washing the surface with detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry.

For Type 31" X-Lite terminal system, one 13'-6 1/2" rail element must be connected to Post 7 and the Midwest Guardrail System. All crimped posts and line posts must be W6 x 8.5 or W6 x 9 steel posts. All posts, must be, at the Contractor's option, either driven or placed in drilled holes. Space around the crimped posts, Post 2 with attached soil plate and lines posts must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. All blocks must be wood or plastic.

For Type FLEAT-SP-MGS terminal system, install the soil tube with soil plate attached at Post 1, hinged breakaway post at Post 2, and 6'-0" W6 x 9 steel posts at Posts 3 through 7. Use a W6 x 15 steel post at Post 1. The soil tube with soil plate must be, at the Contractor's option, driven with or without pilot holes, or placed in drilled holes. Space around the steel foundation tubes must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted.

For Type 31" X-Tension terminal system, the steel bottom post and I-beam post must be placed in drilled hole. The soil anchor and steel line posts must be, at the Contractor's option, either driven or placed in drilled holes. Space around the steel bottom post, steel line posts and soil anchor must be backfilled with selected earth, free of rock, placed in layers approximately 4 inches thick and each layer must be moistened and thoroughly compacted. All blocks must be plastic.

After installing the terminal system, dispose of surplus excavated material in a uniform manner along the adjacent roadway where designated by the Engineer.

**BID ITEM LIST
06-0H6424**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	153221	REMOVE CONCRETE BARRIER	LF	150		
22	157550	BRIDGE REMOVAL	LS	LUMP SUM	LUMP SUM	
23	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
24 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	662		
25 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	361		
26	200002	ROADSIDE CLEARING	LS	LUMP SUM	LUMP SUM	
27	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	
28	205035	WOOD MULCH	CY	420		
29	206400	CHECK AND TEST EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
30	206402	OPERATE EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
31	206559	CONTROL AND NEUTRAL CONDUCTORS (ARMOR-CLAD)	LS	LUMP SUM	LUMP SUM	
32	208562	CAM COUPLER ASSEMBLY	EA	1		
33	208575	2" GATE VALVE	EA	2		
34 (F)	208607	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	620		
35	210300	HYDROMULCH	SQFT	5,610		
36	210430	HYDROSEED	SQFT	5,610		
37	210600	COMPOST	SQFT	5,610		
38	210630	INCORPORATE MATERIALS	SQFT	5,610		
39	490782	FURNISH PILING (CLASS 200) (ALTERNATIVE W)	LF	2,403		
40	490783	DRIVE PILE (CLASS 200) (ALTERNATIVE W)	EA	44		

**BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	204		
42 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	979		
43 (F)	511064	FRACTURED RIB TEXTURE	SQFT	2,788		
44	519091	JOINT SEAL (MR 1 1/2")	LF	20		
45 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	350,600		
46	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	7		
47 (F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	895		
48 (F)	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	7,292		
49	800103	TEMPORARY FENCE (TYPE CL-6)	LF	430		
50	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	190		
51	800400	CHAIN LINK FENCE (TYPE CL-8)	LF	120		
52	802920	6' CHAIN LINK GATE (TYPE CL-8)	EA	2		
53	820118	GUARD RAILING DELINEATOR	EA	6		
54	820134	OBJECT MARKER (TYPE P)	EA	3		
55	832006	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	LF	350		
56 (F)	833033	CHAIN LINK RAILING (TYPE 7 MODIFIED)	LF	2,472		
57	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	3		
58	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	3		
59	839703	CONCRETE BARRIER (TYPE 60C)	LF	60		
60	031403	CONCRETE BARRIER (TYPE 60R)	LF	90		

**BID ITEM LIST
06-0H6424**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
62 (F)	045336	COMMUNICATION CONDUIT (BRIDGE)	LF	490		
63	870200	LIGHTING SYSTEM	LS	LUMP SUM	LUMP SUM	
64	872130	MODIFYING EXISTING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
65	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
