

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 8, 2016

06-Ker-99, 178-26.8, R2.0

06-OK8104

Project ID 0612000108

ACNHP-X029(125)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN KERN COUNTY IN BAKERSFIELD ON ROUTE 99 AT AIRPORT DRIVE OVERCROSSING AND ON ROUTE 178 AT GOLDEN STATE AVENUE SEPARATION to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and *Information Handout*.

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 Tuesday, August 30, 2016.

Project plan sheet 28 is replaced and attached for substitution for the like-numbered sheet.

Project plan sheets 13A and 26A are added and attached for addition to the project plans.

In the *Notice to Bidders*, the seventh paragraph is revised as follows:

"The Contractor must have either a Class A license or any combination of the following Class C licenses which constitutes a majority of the work: C-8, C-51."

In the *Special Provisions*, Section 14-1.02A, is added as follows:

"Add to the end of section 14-1.02A:

An ESA exists on this project.

Before starting job site activities, install Type ESA temporary fence to protect the ESA and mark its boundaries.

Access to an ESA other than that described is prohibited."

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

In the *Special Provisions*, Section 84, is deleted.

The *Information Handout* is replaced as attached.

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In the *Bid* book, in the "Bid Item List," Items 31, 32, 46, 47, 48, 49, 50, 57, 58, 61, 62, 63, and 65 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 and attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/06/06-0K8104

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**06-0K8104**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	141120	TREATED WOOD WASTE	LB	6,000		
22	031398	BIRD EXCLUSION DEVICE	LS	LUMP SUM	LUMP SUM	
23	150661	REMOVE GUARDRAIL	LF	360		
24	151540	RECONSTRUCT CHAIN LINK FENCE	LF	500		
25	153221	REMOVE CONCRETE BARRIER	LF	270		
26	153307	CORE CONCRETE (7")	LF	42		
27	153310	CORE CONCRETE (10")	LF	12		
28	153531	ACCESS OPENING, SOFFIT	EA	28		
29	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
30	190101	ROADWAY EXCAVATION	CY	220		
31 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	175		
32 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	CY	9		
33	193003	STRUCTURE BACKFILL (BRIDGE)	CY	158		
34	200123	CULTIVATION	SQYD	4,790		
35	202006	SOIL AMENDMENT	CY	70		
36	202039	SLOW-RELEASE FERTILIZER	LB	440		
37	204006	PLANT (GROUP F)	EA	12,600		
38	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	
39	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
40	205033	GRAVEL MULCH	SQFT	3,590		

BID ITEM LIST

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	205035	WOOD MULCH	CY	260		
42	031399	RUBBER MAT	SQYD	110		
43	206400	CHECK AND TEST EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
44	206402	OPERATE EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
45	208446	RISER SPRINKLER ASSEMBLY (GEAR DRIVEN)	EA	21		
46 (F)	208594	3/4" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	305		
47 (F)	208595	1" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	165		
48 (F)	208597	1 1/2" PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)	LF	330		
49 (F)	208605	2" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	290		
50 (F)	208607	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	210		
51	260203	CLASS 2 AGGREGATE BASE (CY)	CY	20		
52	390132	HOT MIX ASPHALT (TYPE A)	TON	110		
53	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	140		
54	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	100		
55	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	15		
56	397005	TACK COAT	TON	.3		
57 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	9		
58 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	172		
59	510805	DIAPHRAGM BOLSTER	EA	22		
60	511106	DRILL AND BOND DOWEL	LF	1,249		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (F)	520102	BAR REINFORCING STEEL (BRIDGE)	LB	19,722		
62 (F)	540101	ASPHALT MEMBRANE WATERPROOFING	SQFT	266		
63 (F)	550110	COLUMN CASING	LB	29,815		
64	731511	MINOR CONCRETE (ISLAND PAVING)	CY	47		
65 (F)	045335	MISCELLANEOUS METAL (PIPE EXTENDER)	LB	7,880		
66	800100	TEMPORARY FENCE	LF	220		
67	832006	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	LF	50		
68	031400	CONCRETE BARRIER (TYPE 60R MODIFIED)	LF	170		
69	031401	CONCRETE BARRIER (TYPE 60SD MODIFIED)	LF	210		
70	839543	TRANSITION RAILING (TYPE WB-31)	EA	2		
71	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	2		
72	839701	CONCRETE BARRIER (TYPE 60)	LF	130		
73	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
74	872130	MODIFYING EXISTING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
75	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
