

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

August 1, 2016

07-LA-60-R24.4/R25.3

07-279114

Project ID 0715000075

TTDG-6207(076)

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY IN DIAMOND BAR AND CITY OF INDUSTRY FROM GRAND AVENUE OVERCROSSING TO 0.1 MILE WEST OF PROSPECTORS UNDERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and the Federal Minimum Wages with Modification Number 10 dated 07/29/16.

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 9, 2016.

Project plan sheet 184 is replaced and attached for substitution for the like-numbered sheet.

In the *Notice to Bidders*, the fifteenth paragraph is replaced as follows:

"The estimated cost of the project is \$15,100,000."

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

In the *Bid* book, in the "Bid Item List," Items 15, 63, 155, 156 and 170 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.

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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/07/07-279114

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,



CARRIE BOWEN
District Director

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 or FLEAT-W-MGS for wood 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 FLEAT-W-MGS terminal system, install the soil tubes with soil plate attached at Posts 1 and 2, breakaway cable terminal posts at Posts 1 and 2, and controlled release terminal posts at Posts 3 through 6. The soil tubes with soil plates 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. The breakaway cable terminal posts must be inserted into the steel foundation tubes by hand and must not be driven.

For Type 31" X-Tension terminal system, the steel post and soil anchor must be, at the Contractor's option, driven with or without pilot holes, or placed in drilled holes. Space around the steel post 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. The wood terminal posts must be inserted into the drilled holes by hand and backfilled in the same manner as the steel post and soil anchor. Wood terminal posts must not be driven. All blocks must be wood or plastic.

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
07-279114**

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	080050	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	090100	TIME-RELATED OVERHEAD (WDAY)	WDAY	400		
4	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
5	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
6	120120	TYPE III BARRICADE	EA	30		
7	120149	TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	730		
8	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	LF	37,600		
9	120165	CHANNELIZER (SURFACE MOUNTED)	EA	250		
10	120300	TEMPORARY PAVEMENT MARKER	EA	690		
11	121161	TEMPORARY TERMINAL SECTION (TYPE K)	EA	2		
12	129000	TEMPORARY RAILING (TYPE K)	LF	17,800		
13	129100	TEMPORARY CRASH CUSHION MODULE	EA	220		
14	130100	JOB SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
15	130300	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
16	130310	RAIN EVENT ACTION PLAN	EA	31	\$500.00	\$15,500.00
17	130320	STORM WATER SAMPLING AND ANALYSIS DAY	EA	1		
18	130330	STORM WATER ANNUAL REPORT	EA	1	\$2,000.00	\$2,000.00
19	130500	TEMPORARY EROSION CONTROL BLANKET	SQYD	350		
20	130520	TEMPORARY HYDRAULIC MULCH	SQYD	22,700		

BID ITEM LIST**07-279114**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	190101	ROADWAY EXCAVATION	CY	66,500		
62	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	CY	2,250		
63	190139	ROADWAY EXCAVATION (UNSUITABLE MATERIAL)	CY	2,140		
64 (F)	192001	STRUCTURE EXCAVATION	CY	2,093		
65 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	1,532		
66	192053	STRUCTURE EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	CY	219		
67 (F)	193001	STRUCTURE BACKFILL	CY	274		
68 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	1,050		
69	194001	DITCH EXCAVATION	CY	450		
70	200002	ROADSIDE CLEARING	LS	LUMP SUM	LUMP SUM	
71	200114	ROCK BLANKET	SQFT	34,300		
72	202006	SOIL AMENDMENT	CY	2		
73	202037	ORGANIC FERTILIZER	LB	4,520		
74	202038	PACKET FERTILIZER	EA	200		
75	204038	PLANT (GROUP U)	EA	25		
76	204096	MAINTAIN EXISTING PLANTED AREAS	LS	LUMP SUM	LUMP SUM	
77	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
78	205035	WOOD MULCH	CY	2,320		
79	206400	CHECK AND TEST EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	
80	206402	OPERATE EXISTING IRRIGATION FACILITIES	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
141	031315	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	110		
142	031316	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	130		
143	031317	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	29		
144	031318	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	390		
145	031319	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	2,250		
146 (F)	582001	SOUND WALL (MASONRY BLOCK)	SQFT	6,890		
147	623006	36" TEMPORARY CULVERT	LF	480		
148	650411	18" REINFORCED CONCRETE PIPE (CLASS IV)	LF	400		
149	650416	24" REINFORCED CONCRETE PIPE (CLASS IV)	LF	1,690		
150	650420	30" REINFORCED CONCRETE PIPE (CLASS IV)	LF	770		
151	650424	36" REINFORCED CONCRETE PIPE (CLASS IV)	LF	860		
152	665017	18" CORRUGATED STEEL PIPE (.079" THICK)	LF	8		
153	680902	6" PERFORATED PLASTIC PIPE UNDERDRAIN	LF	370		
154	680903	6" NON-PERFORATED PLASTIC PIPE UNDERDRAIN	LF	200		
155 (F)	031320	CLASS 4 PERMEABLE MATERIAL	CY	126		
156 (F)	031321	CLASS 5 PERMEABLE MATERIAL	CY	110		
157	700617	DRAINAGE INLET MARKER	EA	4		
158	705204	18" CONCRETE FLARED END SECTION	EA	1		
159	705206	24" CONCRETE FLARED END SECTION	EA	2		
160	707217	36" PRECAST CONCRETE PIPE MANHOLE	LF	35		

BID ITEM LIST

07-279114

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161 (F)	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	12		
162 (F)	722020	GABION	CY	12		
163	729011	ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	59		
164	730070	DETECTABLE WARNING SURFACE	SQFT	99		
165	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	380		
166	731518	MINOR CONCRETE (BRUSHED CONCRETE)	SQFT	140		
167 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	11,262		
168	750007	FRAME AND GRATE	EA	7		
169 (F)	750500	MISCELLANEOUS METAL	LB	1,498		
170 (F)	031322	MISCELLANEOUS METAL (SCREENED PIPE)	LB	1,092		
171	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	4,590		
172	820107	DELINEATOR (CLASS 1)	EA	42		
173	820130	OBJECT MARKER	EA	6		
174	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	1,050		
175	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	800		
176 (F)	839521	CABLE RAILING	LF	237		
177	839543	TRANSITION RAILING (TYPE WB-31)	EA	1		
178	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	6		
179	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	2		
180	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	5		