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*Flex your power!
Be energy efficient!*

March 26, 2012

11-SD-54,805-1.8,5.5/9.4
11-2T1814
Project ID 1100020050

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN DIEGO COUNTY IN CHULA VISTA AND NATIONAL CITY ON ROUTE 54 AT 805/54 SEPARATION AND ON ROUTE 805 FROM 0.4 MILE NORTH OF PALOMAR STREET OVERCROSSING TO 0.6 MILE NORTH OF ROUTE 805/54 SEPARATION.

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 5, 2012.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book.

Project Plan Sheets 21, 155, 156, 170, 262, 356, 357, 358, 359, 455, 457, 458, 459 and 520 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 154A is added. A copy of the added sheet is attached for addition to the project plans.

In the Notice to Bidders, the ninth paragraph is deleted.

In the Special Provisions, Section 5-1.08, "TRAINING," is deleted.

In the Special Provisions, Section 10-1.445, "TEMPORARY CURB RAMP DETECTABLE WARNING SURFACE," is added as attached.

In the Special Provisions, Section 10-3.165, "REMOVE SOFFIT LUMINAIRE," is added as attached.

In the Special Provisions, Section 10-3.166, "TUNNEL LUMINAIRE (SOFFIT)," is added as attached.

In the Bid book, in the "Bid Item List," Items 33, 37, 67, 70, 71, 73, 76, 80, 95, 137, 139, 148, 151 and 153 are revised, Items 194, 195 and 196 are added and Item 193 is deleted as attached.

Addendum No. 1
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March 26, 2012

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To Bid book holders:

Replace pages 4, 6, 7, 9, 10, and 13 of the "Bid Item List" in the Bid book with the attached revised pages 4, 6, 7, 9, 10, and 13 of the Bid Item List. The revised 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.

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/11/11-2T1814

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,



REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

10-1.445 TEMPORARY CURB RAMP DETECTABLE WARNING SURFACE

GENERAL

Summary

This work includes installing a temporary detectable warning surface on the curb ramp as shown on the plans, and as specified in these special provisions.

MATERIALS

Curb ramp detectable warning surface

Curb ramp detectable warning surface must be:

1. Yellow color complying with Federal Standard 595B, Color No. 33538
2. Prefabricated
3. Raised truncated domes

Temporary curb ramp detectable warning surface that fails during the life of the contract shall be replaced by the Contractor at the Contractor's expense.

CONSTRUCTION

Installation of curb ramp detectable warning surface must comply with the manufacturer's recommendations.

MEASUREMENT AND PAYMENT

Temporary curb ramp detectable warning surface will be measured by the square yard for the actual curb ramp area covered.

The contract price paid per square yard for temporary curb ramp detectable warning surface includes full compensation for furnishing all labor, materials, tools, equipment and incidentals for doing all work involved in installing and removing temporary detectable warning surface on curb ramp, complete in place, as shown on the plans, as specified in these special provisions, and as directed by the Engineer.

10-3.165 REMOVE SOFFIT LUMINAIRE

This work involves removing existing soffit luminaires.

Existing soffit luminaires may be the flush or pendant type.

For flush soffit luminaires, the housing is to remain, but remove the refractor, frame assembly, ballast, lamp, reflector, electronics and fixture wiring. Install a flat, stainless steel cover matching the existing housing. Use the existing housing as a template. Paint the exposed portion of the stainless steel cover the same color as the bridge soffit.

For pendant soffit luminaires, remove the luminaire and conduit used to suspend the luminaire.

The pull box is to remain. Plug any unused openings.

10-3.166 TUNNEL LUMINAIRE (SOFFIT)

This work involves installing tunnel luminaires on the bridge soffit.

Tunnel luminaire must be Philips-Lumec, VLM Series; Holophane, Tunnel Predator; General Electric, Tunnel Guard; or equal.

Tunnel luminaires of the same designated wattage must be from the same manufacturer.

Tunnel luminaire must be weatherproof and corrosion resistant. Each tunnel luminaire must include:

1. Cast aluminum (with low or no copper) housing with a grey powder coat finish
2. Lens, made of tempered glass, mounted in a door frame
3. Aluminum reflector with a specular finish
4. Integral ballast located in the luminaire housing
5. Lamp socket, Mogul type
6. Gasket between refractor and body
7. Mounting hardware

Tunnel luminaire must be designed for use in tunnels.

Tunnel luminaire must be mounted using a stainless steel plate as recommended by the luminaire manufacturer.

Tunnel luminaire must be UL listed suitable for wet locations and be rated IP65 or better.

Tunnel luminaire must have, either as a standard feature or as an available factory option, that the housing can be UL listed as suitable for salt water locations or can withstand a 1,000-hour salt spray test as specified in ASTM B 117 or can be pre-treated by the manufacturer for installations in a salt spray environment.

Tunnel luminaire housing (not including mounting tabs or hinges) must not exceed dimensions of 24 x 20. The installed unit, including mounting plate, must not extend more than 18 inches from the face of the mounted surface.

Tunnel luminaire weight, without lamp and mounting plate, must not exceed 60 pounds.

Tunnel luminaire must be serviceable (includes lamp and ballast replacement activities) without the use of tools.

Install a junction box for each tunnel luminaire (soffit). Junction box must be as shown on the plans. See "Detail W, Wall Luminaire Installation (Typical)," on Standard Plan ES-9E, for junction box details.

Each tunnel luminaire must include a 200 W or 400 W high-pressure sodium lamp, with a minimum average rated life of 24,000 hours. Lamp must comply with Section 86-6.01B, "High Pressure Sodium Lamps." Each lamp socket must be positioned to locate the light center of the lamp within 1/2 inch of light center location of the tunnel luminaire design.

Ballast must comply with Section 86-6.01A, "High Pressure Sodium Lamp Ballasts." Ballast must be located in the tunnel luminaire housing.

Prior to installing the tunnel luminaires, submit a printout of isofootcandle diagrams, generated using an illumination software program, showing calculated values across the lanes at finished grade for the installation shown on the plans. When the tunnel luminaires, mounting heights, lamps, position and settings vary within a location, provide a printout for each unique arrangement showing calculated values for one fixture. For each location, provide a printout of the isofootcandle diagram for the effect of all tunnel luminaires combined. For each printout, provide a description of the tunnel luminaire, mounting height, lamp, position and settings involved. The illumination software program and version used must be identified.

If a tunnel luminaire other than those listed is requested by the Contractor as an equal product, meets initial State criteria as determined by the Engineer, and is permitted by the Engineer in writing, the Contractor must take field measured footcandle readings as part of the acceptance testing. The equipment used for measuring footcandles must be calibrated for the testing. Provide the Engineer with an equipment description, documentation of calibration, and recorded measurements. Values must meet or exceed calculated footcandle values provided by the Contractor.

The tunnel luminaire electronics (not including the lamp) must be fully warranted (by the manufacturer or another authorized party) for at least 3 years beyond the date of successful completion of the acceptance test. The tunnel luminaire housing must be fully warranted (by the manufacturer or another authorized party) for at least 3 years beyond the date of successful completion of the acceptance test.

BID ITEM LIST

11-2T1814

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	30		
22	129000	TEMPORARY RAILING (TYPE K)	LF	68,500		
23	022386	ALTERNATIVE TEMPORARY CRASH CUSHION SYSTEM	EA	59		
24	148005	NOISE MONITORING	LS	LUMP SUM	LUMP SUM	
25	150206	ABANDON CULVERT	LF	790		
26	150221	ABANDON INLET	EA	5		
27	022387	ABANDON IRRIGATION CROSSOVER	EA	19		
28	150662	REMOVE METAL BEAM GUARD RAILING	LF	1,390		
29	150711	REMOVE PAINTED TRAFFIC STRIPE	LF	381,000		
30	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	35,000		
31	150715	REMOVE THERMOPLASTIC PAVEMENT MARKING	SQFT	1,770		
32	022388	UNCOVER SIGN PANEL	EA	34		
33	150771	REMOVE ASPHALT CONCRETE DIKE	LF	2,110		
34	150805	REMOVE CULVERT	LF	220		
35	022389	REMOVE WATER METER	EA	1		
36	022390	REMOVE THRIE BEAM BARRIER	LF	590		
37	153216	REMOVE CONCRETE CURB AND SIDEWALK	CY	31		
38	153221	REMOVE CONCRETE BARRIER	LF	17,000		
39	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	2,580		
40	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST

11-2T1814

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	022392	DRAINAGE INLET PROTECTION (EROSION CONTROL)	EA	11		
62	203025	COMPOST (INCORPORATE)	SQYD	1,260		
63	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
64	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
65	208304	WATER METER	EA	2		
66	208739	10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	970		
67	260201	CLASS 2 AGGREGATE BASE	CY	27,900		
68	260210	AGGREGATE BASE (APPROACH SLAB)	CY	26		
69	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TON	5		
70	390132	HOT MIX ASPHALT (TYPE A)	TON	20,600		
71	390136	MINOR HOT MIX ASPHALT	TON	39		
72	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
73	394071	PLACE HOT MIX ASPHALT DIKE	LF	1,880		
74	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	48		
75	397005	TACK COAT	TON	39		
76	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	19,000		
77	404092	SEAL PAVEMENT JOINT	LF	75,100		
78	404094	SEAL LONGITUDINAL ISOLATION JOINT	LF	27,700		
79	405034	CONCRETE PAVEMENT TRANSITION PANEL	CY	75		
80	420201	GRIND EXISTING CONCRETE PAVEMENT	SQYD	48,500		

BID ITEM LIST

11-2T1814

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	490508	FURNISH STEEL PILING (HP 10 X 57)	LF	1,000		
82	490509	DRIVE STEEL PILE (HP 10 X 57)	EA	22		
83	490528	FURNISH STEEL PILING (HP 14 X 89)	LF	10,120		
84	490529	DRIVE STEEL PILE (HP 14 X 89)	EA	246		
85	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	400		
86	490782	FURNISH PILING (CLASS 200) (ALTERNATIVE W)	LF	400		
87	490783	DRIVE PILE (CLASS 200) (ALTERNATIVE W)	EA	12		
88	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
89 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	591		
90 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	3,811		
91 (F)	510057	STRUCTURAL CONCRETE, JUNCTION STRUCTURE	CY	35		
92 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	4,188		
93 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	510		
94	510087	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	CY	259		
95 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	447.9		
96	510800	PAVING NOTCH EXTENSION	CF	141		
97 (F)	511064	FRACTURED RIB TEXTURE	SQFT	50,622		
98	511106	DRILL AND BOND DOWEL	LF	256		
99	519091	JOINT SEAL (MR 1 1/2")	LF	268		
100	519100	JOINT SEAL (MR 2")	LF	360		

BID ITEM LIST

11-2T1814

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	022486	INSTALL SIGN PANEL ON EXISTING SIGN STRUCTURE	SQFT	1,080		
122	620100	18" ALTERNATIVE PIPE CULVERT	LF	1,790		
123	620140	24" ALTERNATIVE PIPE CULVERT	LF	11,000		
124	650014	18" REINFORCED CONCRETE PIPE	LF	380		
125	650018	24" REINFORCED CONCRETE PIPE	LF	1,280		
126	650026	36" REINFORCED CONCRETE PIPE	LF	10		
127	022395	18" BITUMINOUS COATED PAVED INVERT CORRUGATED STEEL PIPE (.109" THICK)	LF	170		
128	022396	24" STEEL CASING PIPE (0.375" THICK)	LF	44		
129	690318	18" BITUMINOUS COATED PAVED INVERT CORRUGATED STEEL PIPE DOWNDRAIN (.109" THICK)	LF	320		
130	703233	GRATED LINE DRAIN	LF	450		
131	705206	24" CONCRETE FLARED END SECTION	EA	2		
132	707467	36" REINFORCED CONCRETE PIPE RISER	LF	18.5		
133	721012	ROCK SLOPE PROTECTION (NO. 3, METHOD B)	CY	10		
134 (F)	721811	SLOPE PAVING (MASONRY BLOCK)	SQFT	29,908		
135	727901	MINOR CONCRETE (DITCH LINING)	CY	17		
136	729010	ROCK SLOPE PROTECTION FABRIC	SQFT	420		
137	731505	MINOR CONCRETE (CURB AND SIDEWALK)	CY	31		
138	731530	MINOR CONCRETE (TEXTURED PAVING)	SQFT	5,960		
139 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	108,574		
140	750505	BRIDGE DECK DRAINAGE SYSTEM	LB	57,967		

BID ITEM LIST**11-2T1814**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	820118	GUARD RAILING DELINEATOR	EA	9		
142	832001	METAL BEAM GUARD RAILING	LF	1,280		
143	839301	SINGLE THRIE BEAM BARRIER	LF	590		
144	839541	TRANSITION RAILING (TYPE WB)	EA	3		
145	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1		
146	839701	CONCRETE BARRIER (TYPE 60)	LF	2,910		
147 (F)	839702	CONCRETE BARRIER (TYPE 60A)	LF	185		
148	839703	CONCRETE BARRIER (TYPE 60C)	LF	5,490		
149	839704	CONCRETE BARRIER (TYPE 60D)	LF	5,540		
150	839705	CONCRETE BARRIER (TYPE 60E)	LF	26		
151	839706	CONCRETE BARRIER (TYPE 60G)	LF	570		
152 (F)	839707	CONCRETE BARRIER (TYPE 60GA)	LF	1,071		
153	839708	CONCRETE BARRIER (TYPE 60GC)	LF	1,690		
154 (F)	043542	CONCRETE BARRIER (TYPE 60GA MODIFIED)	LF	282		
155 (F)	043543	CONCRETE BARRIER (TYPE 60A MODIFIED)	LF	395		
156	022397	CONCRETE BARRIER (TYPE 60R1)	LF	370		
157	022398	CONCRETE BARRIER (TYPE 60R2)	LF	330		
158	022399	CONCRETE BARRIER (TYPE 60R3)	LF	210		
159	022400	CONCRETE BARRIER (TYPE 60R4)	LF	160		
160	839725	CONCRETE BARRIER (TYPE 736)	LF	4,610		

BID ITEM LIST

11-2T1814

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
190	022414	MODIFY RAMP METERING SYSTEM (LOCATION 5)	LS	LUMP SUM	LUMP SUM	
191	022415	MODIFY RAMP METERING SYSTEM (LOCATION 6)	LS	LUMP SUM	LUMP SUM	
192	022416	MODIFY WEIGH-IN-MOTION SYSTEM	LS	LUMP SUM	LUMP SUM	
193	BLANK					
194	023009	TEMPORARY CURB RAMP DETECABLE WARNING SURFACE	SQYD	8		
195	023010	ELECTROLIER/CONCRETE BARRIER (TYPE 60GC)	LF	420		
196	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID FOR ITEMS:

\$ _____

TOTAL BID FOR TIME:

$$\frac{\text{WORKING DAYS BID (Not to exceed 550 Days)}}{\text{X}} \times \frac{\$15,500.00.00}{\text{COST PER DAY}} = \$ \text{_____}$$

TOTAL BID FOR COMPARISON (COST PLUS TIME):

\$ _____