

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

October 7, 2016

11-Imp-98-31.6/32.1
11-080234
Project ID 1100020357
ACHSCBI-P098(028)E
DEMO5-6211(113)

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN IMPERIAL COUNTY IN CALEXICO FROM EADY AVENUE TO OLLIE AVENUE to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and the Federal Minimum Wages with Modification Number 9 dated 09/16/16.

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 Wednesday, October 12, 2016.

Project plan sheets 48, 49, 50, and 78 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 120A, 120B, 120C, and 120D are added and attached for addition to the project plans.

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are added :

"RSP D73B, RSP D73C, RSP D73F, and RSP D73G."

In the Special Provisions, Section 86, the last paragraph is deleted.

In the Special Provisions, Section 86-2.01A(4)(a), the last paragraph is deleted.

In the Special Provisions, Section 86-2.01A(4)(c)(ii) is renumbered as 86-2.01A(4)(b).

In the Special Provisions, Section 86-2.01C(2)(d) is deleted.

In the Special Provisions, Section 86-2.01C(2)(g)(i), "Directional Boring Method," is added as attached.

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In the *Bid* book, in the "Bid Item List," Items 55 and 87 are deleted.

In the *Bid* book, in the "Bid Item List," Items 88 and 89 are added.

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/11/11-080234

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,



LAURIE BERMAN
District Director

Attachments

Add to section 86-2.01C(2)(g) of the RSS for section 86:

86-2.01C(2)(g)(i) Directional Boring Method

Install conduit by the directional boring method where the method is shown. You may elect to use the directional boring method for other conduit installations where jacking or drilling is an option.

Use HDPE DR 9 conduit for the completed installation.

Pull box and vault locations must be as shown.

As an action submittal, submit:

1. A listing of equipment and materials (composition and strength) for the directional boring method
2. Description of the site preparation and field installation methods
3. A product sheet for the directional control of the boring tool
4. A product sheet for the electronic boring tool location detection system
5. A product sheet for the tension measuring device
6. An example of a layout and profile plot showing the location of a bore to a resolution of 6 inches based on the proposed directional boring equipment, materials and methods.

Allow 5 days for the Engineer to review each submittal.

If the Engineer requires revisions, submit a revised submittal within 5 days of receipt of the Engineer's comments. If agreed to by the Engineer, revisions may be included as attachments in the next submittal. The Engineer may conditionally approve submittals that include revisions submitted as attachments, in order to allow construction activities to proceed.

Upon the Engineer's final approval of the submittal, submit copies of the final document (with approved revisions incorporated) to the Engineer.

The directional boring equipment must have directional control of the boring tool and have an electronic boring tool location detection system. During operation, the directional boring equipment must be able to determine the location of the boring tool both horizontally and vertically.

The directional boring equipment must be equipped with a tension measuring device that indicates the amount of tension exerted on conduit during conduit pulling operations.

The diameter of the boring tool must not exceed 1.5 times the outside diameter of the conduit and must not exceed a diameter of 6 inches. Mineral slurry or wetting solution must only be used to lubricate the boring tool and to stabilize the soil surrounding the boring path. Mineral slurry or wetting solution must be water-based and environmentally safe.

Notify the Engineer 2 working days in advance of starting directional boring operations. Include the location and equipment to be used in the directional boring operation in the advanced notice.

You or your representative must be in direct charge and control of the directional boring operation at all times.

Perform directional boring in the presence of the Engineer unless otherwise approved.

The edge of the entry point and exit point of the directional boring must be 30 feet, minimum, clear of the track measured horizontally to centerline of the nearest railroad track.

Residue from directional boring operations must be handled as liquid waste. Prevent flow of residue per 13-4.03E(7). Residue must not be allowed to flow within 5 feet of the railroad tracks.

In areas with railroad track, install conduit to a depth ranging from 4 to 6 feet below the base of the rail. In other areas, install conduit to a depth ranging from 4 to 6 feet below finished grade.

Provide a layout and profile plot showing the location of the completed bore to a resolution of 6 inches.

BID ITEM LIST
11-080234

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	031691	2" ELECTRICAL CONDUIT FOR CONTROL AND NEUTRAL CONDUCTORS	LF	85		
42(F)	208607	3" PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	LF	85		
43	208739	10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	85		
44	210250	EROSION CONTROL (BONDED FIBER MATRIX) (SQFT)	SQFT	21,100		
45	210350	FIBER ROLLS	LF	2,070		
46	260203	CLASS 2 AGGREGATE BASE (CY)	CY	13,400		
47	374002	ASPHALTIC EMULSION (FOG SEAL COAT)	TON	1		
48	390132	HOT MIX ASPHALT (TYPE A)	TON	6,720		
49	390136	MINOR HOT MIX ASPHALT	TON	22		
50	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	2,710		
51	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
52	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	830		
53	397005	TACK COAT	TON	11		
54(F)	031692	STRUCTURAL CONCRETE (JUNCTION STRUCTURE)	CY	10		
55	BLANK					
56	566011	ROADSIDE SIGN - ONE POST	EA	15		
57	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	2		
58	031693	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	130		
59	031694	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	130		
60	620100	18" ALTERNATIVE PIPE CULVERT	LF	4.6		

BID ITEM LIST
11-080234

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	846005	4" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	3,010		
82	846009	8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	1,780		
83	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	250		
84	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	290		
85	870400	SIGNAL AND LIGHTING SYSTEM	LS	LUMP SUM	LUMP SUM	
86	872130	MODIFYING EXISTING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
87	BLANK					
88(F)	510094	STRUCTURAL CONCRETE, DRAINAGE INLET	CY	56		
89	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
