

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

May 23, 2014

08-SBd-38-26.3/26.8
08-336304
Project ID 0800000608
ACSTP-P038(020)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN BERNARDINO COUNTY NEAR BARTON FLATS AT HATHAWAY CREEK BRIDGE.

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, June 5, 2014.

This addendum is being issued to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid book* and the Federal Minimum Wages with Modification Number 7 dated 05/23/2014.

Project plan sheets 15 and 16 are replaced and attached for substitution for the like-numbered sheets.

In the *Notice to Bidders and Special Provisions*, in the Registered Persons signature and seal sheet, a new signature and seal sheet is added as attached.

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are added : T58, T59, T61, T62, T63, T64 and T67.

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

"Complete the work, excluding plant establishment work, within 150 working days.

Complete the work, including plant establishment work, within 275 working days.

Complete the plant establishment work within 125 working days."

In the *Special Provisions*, Section 6-2.03, in the first paragraph the first item is replaced as follows:

"Model 2070 controller assembly, including controller unit, completely wired controller cabinet, and detector sensor units."

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In the Special Provisions, section 9-1.16C, in the first paragraph, the second item is added as follows:

"2. RAILINGS"

In the Special Provisions, Section 13, is added as follows:

**"13 WATER POLLUTION CONTROL
Add to section 13-3.01A:**

The project is risk level 2."

In the Special Provisions, Section 49, is added as attached.

In the *Bid* book, in the "Bid Item List," Item 39 is replaced as attached.

To *Bid* book holders:

In the *Bid* book, page 4 of the "Bid Item List" is replaced as attached. The attached 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.

Submit bids in the *Bid* book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

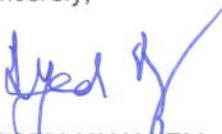
Inform subcontractors and suppliers as necessary.

This addendum, 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/08/08-336304

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,


for BASEM MUALLEM
District Director

Attachments

CONTRACT NO. 08-336304

The special provisions contained herein
have been prepared by or under the
direction of the following Licensed
Person.

LANDSCAPE



LICENSED LANDSCAPE ARCHITECT



49 PILING

Replace "Reserved" in section 49-3.02A(4)(b) with:

Schedule and hold a preconstruction meeting for CIDH concrete pile construction (1) at least 5 business days after submitting the pile installation plan and (2) at least 10 days before the start of CIDH concrete pile construction. You must provide a facility for the meeting.

The meeting must include the Engineer, your representatives, and any subcontractors involved in CIDH concrete pile construction.

The purpose of this meeting is to:

1. Establish contacts and communication protocol between you and your representatives, any subcontractors, and the Engineer
2. Review the construction process, acceptance testing, and anomaly mitigation of CIDH concrete piles

The Engineer will conduct the meeting. Be prepared to discuss the following:

1. Pile placement plan, dry and wet
2. Acceptance testing, including gamma-gamma logging, cross-hole sonic logging, and coring
3. *Pile Design Data Form*
4. Mitigation process
5. Timeline and critical path activities
6. Structural, geotechnical, and corrosion design requirements
7. Future meetings, if necessary, for pile mitigation and pile mitigation plan review
8. Safety requirements, including Cal/OSHA and Tunnel Safety Orders

Add to section 49-3.02B(6)(c):

The synthetic slurry must be one of the materials shown in the following table:

Material	Manufacturer
SlurryPro CDP	KB INTERNATIONAL LLC 735 BOARD ST STE 209 CHATTANOOGA TN 37402 (423) 266-6964
Super Mud	PDS CO INC 105 W SHARP ST EL DORADO AR 71731 (870) 863-5707
Shore Pac GCV	CETCO CONSTRUCTION DRILLING PRODUCTS 2870 FORBS AVE HOFFMAN ESTATES IL 60192 (800) 527-9948
Terragel or Novagel Polymer	GEO-TECH SERVICES LLC 220 N. ZAPATA HWY STE 11A-449A LAREDO TX 78043 (210) 259-6386

Use synthetic slurries in compliance with the manufacturer's instructions. Synthetic slurries shown in the above table may not be appropriate for a given job site.

Synthetic slurries must comply with the Department's requirements for synthetic slurries to be included in the above table. The requirements are available from the Offices of Structure Design, P.O. Box 168041, MS# 9-4/11G, Sacramento, CA 95816-8041.

SlurryPro CDP synthetic slurry must comply with the requirements shown in the following table:

SLURRYPRO CDP

Property	Test	Value
Density During drilling	Mud Weight (density), API 13B-1, section 1	≤ 67.0 pcf ^a
Before final cleaning and immediately before placing concrete		≤ 64.0 pcf ^a
Viscosity During drilling	Marsh Funnel and Cup. API 13B-1, section 2.2	50–120 sec/qt
Before final cleaning and immediately before placing concrete		≤ 70 sec/qt
pH	Glass electrode pH meter or pH paper	6.0–11.5
Sand content, percent by volume Before final cleaning and immediately before placing concrete	Sand, API 13B-1, section 5	≤ 0.5 percent

^aIf authorized, you may use slurry in salt water. The allowable density of slurry in salt water may be increased by 2 pcf.

Slurry temperature must be at least 40 degrees F when tested.

Super Mud synthetic slurry must comply with the requirements shown in the following table:

SUPER MUD

Property	Test	Value
Density During drilling	Mud Weight (Density), API 13B-1, section 1	≤ 64.0 pcf ^a
Before final cleaning and immediately before placing concrete		≤ 64.0 pcf ^a
Viscosity During drilling	Marsh Funnel and Cup. API 13B-1, section 2.2	32–60 sec/qt
Before final cleaning and immediately before placing concrete		≤ 60 sec/qt
pH	Glass electrode pH meter or pH paper	8.0–10.0
Sand content, percent by volume Before final cleaning and immediately before placing concrete	Sand, API 13B-1, section 5	≤ 0.5 percent

^aIf authorized, you may use slurry in salt water. The allowable density of slurry in salt water may be increased by 2 pcf.

Slurry temperature must be at least 40 degrees F when tested.

Shore Pac GCV synthetic slurry must comply with the requirements shown in the following table:

SHORE PAC GCV

Property	Test	Value
Density During drilling	Mud Weight (Density), API 13B-1, section 1	≤ 64.0 pcf ^a
Before final cleaning and immediately before placing concrete		≤ 64.0 pcf ^a
Viscosity During drilling	Marsh Funnel and Cup. API 13B-1, section 2.2	33–74 sec/qt
Before final cleaning and immediately before placing concrete		≤ 57 sec/qt
pH	Glass electrode pH meter or pH paper	8.0–11.0
Sand content, percent by volume Before final cleaning and immediately before placing concrete	Sand, API 13B-1, section 5	≤ 0.5 percent

^aIf authorized, you may use slurry in salt water. The allowable density of slurry in salt water may be increased by 2 pcf.

Slurry temperature must be at least 40 degrees F when tested.

Terragel or Novagel Polymer synthetic slurry must comply with the requirements shown in the following table:

TERRAGEL OR NOVAGEL POLYMER

Property	Test	Value
Density During drilling	Mud Weight (Density), API 13B-1, section 1	≤ 67.0 pcf ^a
Before final cleaning and immediately before placing concrete		≤ 64.0 pcf ^a
Viscosity During drilling	Marsh Funnel and Cup. API 13B-1, section 2.2	45–104 sec/qt
Before final cleaning and immediately before placing concrete		≤ 104 sec/qt
pH	Glass electrode pH meter or pH paper	6.0–11.5
Sand content, percent by volume Before final cleaning and immediately before placing concrete	Sand, API 13B-1, section 5	≤ 0.5 percent

^aIf authorized, you may use slurry in salt water. The allowable density of slurry in salt water may be increased by 2 pcf.

Slurry temperature must be at least 40 degrees F when tested.

BID ITEM LIST

08-336304

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	2		
22	130680	TEMPORARY SILT FENCE	LF	300		
23	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	2		
24	130720	TEMPORARY CONSTRUCTION ROADWAY	SQYD	280		
25	130900	TEMPORARY CONCRETE WASHOUT	LS	LUMP SUM	LUMP SUM	
26	141000	TEMPORARY FENCE (TYPE ESA)	LF	330		
27	146002	CONTRACTOR-SUPPLIED BIOLOGIST (LS)	LS	LUMP SUM	LUMP SUM	
28	146003	NATURAL RESOURCE PROTECTION PLAN	LS	LUMP SUM	LUMP SUM	
29	150661	REMOVE GUARDRAIL	LF	160		
30	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	800		
31	150771	REMOVE ASPHALT CONCRETE DIKE	LF	140		
32	151270	SALVAGE METAL BRIDGE RAILING	LF	220		
33	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	470		
34	157560	BRIDGE REMOVAL (PORTION)	LS	LUMP SUM	LUMP SUM	
35	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
36 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	34		
37 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	20		
38	027451	WEED CONTROL MAT (FIBER)	SQYD	300		
39	204008	PLANT (GROUP H)	EA	39		
40	204009	PLANT (GROUP I)	EA	72		