

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.
Help save water!*

October 26, 2016

07-LA-5-13.7/26.7

07-305504

Project ID 0714000101

ACHSIMG-005-2(985)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY AT VARIOUS LOCATIONS FROM ROUTE 710/5 SEPARATION TO ROUTE 134/5 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 Wednesday, November 2, 2016.

Project plan sheet 52 is replaced and attached for substitution for the like-numbered sheet.

In the Special Provisions, Section 2 BIDDING, 2-1.06B Supplemental Project Information, is replaced as attached.

In the Special Provisions, Section 14-11.08 is replaced as attached.

In the *Bid book*, in the "Bid Item List," Item 28 is replaced.

In the *Bid book*, in the "Bid Item List," Items 69 and 70 are added.

In the *Bid book*, in the "Bid Item List," Item 68 is deleted.

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 and the attachments are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-305504

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 CARRIE BOWEN
District Director

Attachments

Add between the 1st and 2nd paragraphs of section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Included in the <i>Information Handout</i>	List of the preconstruction operational status-check results Fiber Optic Cable System As-built Drawings Aerially Deposited Lead (ADL) Data and Location Maps
Available as specified in the <i>Standard Specifications</i>	Bridge as-built drawings

Replace Section 14-11.08 with:

14-11.08 MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATIONS OF AERIALY DEPOSITED LEAD

14-11.08A General

Section 14-11.08 applies if management of material containing hazardous waste concentrations of ADL is specified in the special provisions. Section 14-11.08 includes specifications for hazardous waste management while excavating, stockpiling, transporting, and disposing of material containing hazardous waste concentrations of ADL.

Excavate and dispose of material containing ADL under the rules and regulations of the following agencies:

1. US Department of Transportation
2. US EPA
3. California Environmental Protection Agency
4. CDPH
5. DTSC
6. Cal/OSHA
7. California Department of Recycling and Recovery
8. RWQCB, Region 04, Los Angeles
9. South Coast Air Quality Management District

Hazardous waste concentrations of ADL are present within the project limits. Management of this material exposes workers to health hazards that must be addressed in a lead compliance plan. Include perimeter air monitoring under section 14-11.08F as part of your lead compliance plan.

14-11.08B Definitions

Type Z-2 material: Department-generated California hazardous waste that must be disposed of at a California Class I disposal facility. Type Z-2 material is either:

1. Surplus material that contains ADL in average concentrations greater than or equal to 1,000 mg/kg total lead or 5.0 mg/L soluble lead. The average concentrations are calculated using the 95 percent upper confidence limit. The soluble lead is tested using the California Waste Extraction Test.
2. Material that contains ADL in average concentrations greater than 3,397 mg/kg total lead or 150 mg/L extractable lead. The average concentrations are calculated using the 90 percent upper confidence limit. The extractable lead concentrations are determined by a modified waste extraction test using deionized water as the extractant.

Type Z-3 material: Department-generated federal hazardous waste that must be disposed of at a California Class I disposal site. This material contains ADL in average concentrations greater than 5.0 mg/L soluble lead using a 95 percent upper confidence limit as tested under the toxicity characteristic leaching procedure.

14-11.08C Site Conditions

Concentration data and sample location maps for ADL are included in the *Information Handout*.

Type Z-2 material exists as shown.

Type Z-3 material exists between 0 and 8 feet, measured horizontally from the edges of the existing pavement, from Sta 880+75.0 to Sta 881+50.3 ("CL-B4" Line) and from Sta 910+85.7 to Sta 913+23.2 ("CL-B3" Line), and between 0 and 2 inches below existing grade as shown.

14-11.08D Submittals

14-11.08D(1) General

Reserved

14-11.08D(2) Excavation and Transportation Plan

Within 15 days of Contract approval, submit 3 copies of an excavation and transportation plan for material containing hazardous waste concentrations of ADL. Allow 10 days for review.

If the plan requires revisions, the Department provides comments. Submit a revised plan within 7 days of receiving comments. The Engineer may allow construction to proceed while minor revisions or amendments are being completed.

The excavation and transportation plan must include:

1. Procedures for excavating, stockpiling, transporting, and disposing of the material
2. Excavation schedule by location and date
3. Locations for temporary stockpiles if stockpiling is ordered
4. Dust control measures
5. Air monitoring procedures, including:
 - 5.1 Location and type of equipment
 - 5.2 Sampling frequency
 - 5.3 Name and address of the laboratory that will perform the analyses
6. Transportation equipment and routes
7. Method for preventing spills and tracked material onto public roads
8. Truck waiting and staging areas
9. Map of route to hospital, address, and telephone number
10. Name and address of the California permitted hazardous waste disposal facility
11. Spill contingency plan for material containing ADL

The excavation and transportation plan must comply with:

1. DTSC regulations
2. 2016 Soil Management Agreement for Aerially Deposited Lead-Contaminated Soils between DTSC and Caltrans
3. Cal/OSHA regulations
4. Requirements for the design and development of a sampling plan, statistical analysis, and reporting of test results under US EPA, SW 846, "Test Methods for Evaluating Solid Waste," Volume II: Field Manual Physical/Chemical, Chapter 9, section 9.1

14-11.08E Dust Control

Prevent visible dust migration during excavation, transportation, placement, and handling of material containing hazardous waste concentrations of ADL under section 14-11.04.

14-11.08F Air Monitoring

Conduct perimeter air monitoring at upwind and downwind locations as detailed in the authorized lead compliance plan. Monitor using personal air samplers by the National Institute of Safety and Health Method 7082. Your sampling procedures must achieve a detection limit of 0.05 µg/ m³ of air per day. Under the direction of a CIH, monitor the air daily while clearing and grubbing and performing earthwork activities. Analyze a single representative daily sample for lead and provide results within 24 hours. Analyses must be performed by a laboratory accredited by the Environmental Lead Laboratory-Accreditation Program of the American Industrial Hygiene Association.

Average lead concentrations must not exceed 1.5 µg/ m³ of air per day and 0.15 µg/ m³ per day on a rolling 90-day basis. Calculate average daily concentrations based on accumulated monitoring data and projections based on monitoring trends for the next 90 days or to the end of work subject to the lead compliance plan if less than the specified averaging period. If concentrations exceed these levels, stop work and modify the work to prevent release of lead. The air monitoring data must be reviewed and signed by the CIH.

14-11.08G Material Management

Transport excavated Type Z-2 material using:

1. Hazardous waste manifest
2. Hazardous waste transporter with a current DTSC registration certificate and CA Highway Patrol (CHP) Basic Inspection of Terminals (BIT) Program documentation with a satisfactory rating.

Transport excavated Type Z-3 material using:

1. Hazardous waste manifest
2. Hazardous waste transporter with a current DTSC registration certificate and CHP BIT Program documentation with a satisfactory rating.

14-11.08H Surveying Burial Locations

Not used

14-11.08I Material Transportation

Before traveling on public roads, remove loose and extraneous material from surfaces outside the cargo areas of the transport vehicles. Place tarpaulins or other cover over the cargo as described in the authorized excavation and transportation plan. You are responsible for costs due to spillage of material containing ADL during transport.

14-11.08J Disposal

Transport and dispose of material containing hazardous waste levels of lead under federal and state laws and regulations and county and municipal ordinances and regulations. Laws and regulations that govern this work include:

1. Health & Safety Code § 25100 et seq
2. 22 CA Code of Regs § 66250 et seq
3. 8 CA Code of Regs

The Department does not pay for additional sampling and analysis required by the receiving landfill.

**BID ITEM LIST
07-305504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	153130	REMOVE CONCRETE CURB (LF)	LF	4,000		
22	153213	REMOVE CONCRETE (STRUCTURE)	CY	145		
23	153215	REMOVE CONCRETE (CURB AND GUTTER)	LF	150		
24	153221	REMOVE CONCRETE BARRIER	LF	110		
25	153229	REMOVE CONCRETE BARRIER (TYPE K)	LF	120		
26	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
27	190101	ROADWAY EXCAVATION	CY	120		
28	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	CY	290		
29	193003	STRUCTURE BACKFILL (BRIDGE)	CY	34		
30	260303	CLASS 3 AGGREGATE BASE (CY)	CY	40		
31	280015	LEAN CONCRETE BASE RAPID SETTING	CY	40		
32	390011	PREPAVING INERTIAL PROFILER	LS	LUMP SUM	LUMP SUM	
33	390132	HOT MIX ASPHALT (TYPE A)	TON	200		
34	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	37		
35	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	2,500		
36	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	1,400		
37	397005	TACK COAT	TON	0.1		
38	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	170		
39	511106	DRILL AND BOND DOWEL	LF	1,190		
40	566011	ROADSIDE SIGN - ONE POST	EA	6		

**BID ITEM LIST
07-305504**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61(F)	839745	CONCRETE BARRIER TRANSITION	LF	12		
62	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	2,350		
63	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	1,180		
64	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	98		
65	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	150		
66	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
67	872130	MODIFYING EXISTING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
68	BLANK					
69	190106	ROADWAY EXCAVATION (TYPE Z-3) (AERIALY DEPOSITED LEAD)	CY	11		
70	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
