

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF ENGINEERING SERVICES  
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Be energy efficient!*

June 7, 2010

06-Fre-99-17.3/18.0  
06-0J1604  
ACNH-P099(532)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN FRESNO COUNTY IN FRESNO FROM NORTH AVENUE OVERCROSSING TO 0.5 MILE SOUTH OF JENSEN AVENUE UNDERCROSSING.

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, June 15, 2010.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and the Federal Minimum Wages with Modification Number 3 dated 05/28/10.

Project Plan Sheet 20 is revised. A copy of the revised sheet is attached for substitution for the like-numbered sheet.

In the Special Provisions, Section 5-1.085, "SUPPLEMENTAL PROJECT INFORMATION," is added as attached.

In the Special Provisions, Section 5-1.12, "AERIALY DEPOSITED LEAD," is added as attached.

In the Special Provisions, Section 10-1.19, "EXISTING HIGHWAY FACILITIES," subsection "EARTH MATERIAL CONTAINING LEAD," is deleted.

In the Special Provisions, Section 10-1.21, "EARTHWORK," the second paragraph is revised as follows:

"Surplus excavated material not designated as hazardous waste due to aerially deposited lead shall become the property of the Contractor and shall be disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications."

In the Special Provisions, Section 10-1.215, "MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATIONS OF AERIALY DEPOSITED LEAD," is added as attached.

Addendum No. 2  
Page 2  
June 7, 2010

06-Fre-99-17.3/18.0  
06-0J1604  
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In the Bid book, in the "Bid Item List," Item 18 is revised, Items 41 and 42 are added and Item 40 is deleted as attached.

To Bid book holders:

Replace pages 3, 4 and 4A of the "Bid Item List" in the Bid book with the attached revised pages 3, 4 and 4A 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.

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/06/06-0J1604](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/06/06-0J1604)**

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,

ORIGINAL SIGNED BY

IGNACIO SANCHEZ DEL REAL  
Acting Office Chief  
Office of Plans, Specifications & Estimates  
Office Engineer  
Division of Engineering Services

Attachments

**5-1.085 SUPPLEMENTAL PROJECT INFORMATION**

The Department makes the following supplemental project information available:

Supplemental Project Information

Means	Description
Available for inspection at the Department of Transportation, 2015 East Shields Avenue, Suite 100, Fresno CA; telephone (559-243-3583)	Site Investigation Report For Lead Testing Within Highway Median along State Highway 99, PM 18.1 and 20.1 by Clayton Environmental Consultants dated January 4, 1996

### **5-1.12 AERIALLY DEPOSITED LEAD**

Aerially deposited lead is present within the project limits. Aerially deposited lead is lead deposited within unpaved areas or formerly unpaved areas, primarily due to vehicle emissions.

Attention is directed to "Material Containing Hazardous Waste Concentrations of Aerially Deposited Lead" and "Supplemental Project Information" of these special provisions.

The complete report, entitled "Site Investigation Report For Lead Testing Within Highway Median along State Highway 99, PM 18.1 and 20.1 by Clayton Environmental Consultants dated January 4, 1996," is available for inspection at the Department of Transportation, 2015 East Shields Avenue, Suite 100, Fresno CA.

Once the Contractor has completed the placement of material containing aerially deposited lead in conformance with these special provisions and as directed by the Engineer, the Contractor shall have no responsibility for such materials. The Department will not consider the Contractor a generator of such contaminated materials.

Excavation, reuse, and disposal of material with aerially deposited lead shall be in conformance with all rules and regulations including, but not limited to, those of the following agencies:

- A. United States Department of Transportation
- B. United States Environmental Protection Agency
- C. California Environmental Protection Agency
- D. California Department of Health Services
- E. Department of Toxic Substances Control
- F. California Division of Occupational Safety and Health Administration
- G. Integrated Waste Management Board
- H. Regional Water Quality Control Board, Region 5F, Fresno CA
- I. State Air Resources Control Board
- J. San Joaquin Valley Unified Air Pollution Control District

Materials containing hazardous levels of lead shall be transported and disposed of in conformance with Federal and State laws and regulations, as amended, and county and municipal ordinances and regulations, as amended. Laws and regulations that govern this work include, but are not limited to:

- A. Health and Safety Code, Division 20, Chapter 6.5 (California Hazardous Waste Control Act)
- B. Title 22, California Code of Regulations, Division 4.5 (Environmental Health Standards for the Management of Hazardous Waste)
- C. Title 8, California Code of Regulations

### **10-1.215 MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATIONS OF AERIALY DEPOSITED LEAD**

Earthwork involving material containing aerially deposited lead shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Attention is directed to "Aerially Deposited Lead" of these special provisions.

Type Z-2 material contains aerially deposited lead in average concentrations (using the 95 percent Upper Confidence Limit) greater than or equal to 1000 mg/kg total lead; greater than or equal to 5.0 mg/L soluble lead (as tested using the California Waste Extraction Test) and the material is surplus; or greater than 3397 mg/kg total lead. Type Z-2 material exists between 0 feet and 6 feet, measured horizontally from the edges of existing pavement, from Station 20+00 to Station 60+10, and from a depth of 0.25 feet to 1.5 feet below existing grade. This material is hazardous waste regulated by the State of California and shall be transported to and disposed of at a Class I Disposal Site. Material excavated from these areas shall be transported by a hazardous waste transporter registered with the DTSC using the required procedures for creating a manifest for the material. The vehicles used to transport the hazardous material shall conform to the current certifications of compliance of the DTSC.

#### **LEAD COMPLIANCE PLAN**

Submit a lead compliance plan under Section 7-1.07, "Lead Compliance Plan," of the Standard Specifications.

#### **EXCAVATION AND TRANSPORTATION PLAN**

Within 7 days after approval of the contract, the Contractor shall submit 3 copies of an Excavation and Transportation Plan to the Engineer. The Engineer will have 7 days to review the plan. If revisions are required, as determined by the Engineer, the Contractor shall revise and resubmit the plan within 7 days of receipt of the Engineer's comments. The Engineer will have 7 days to review the revisions. Upon the Engineer's approval of the plan, 3 additional copies incorporating the required changes shall be submitted to the Engineer. Minor changes to or clarifications of the initial submittal may be made and attached as amendments to the Excavation and Transportation Plan. In order to allow construction to proceed, the Engineer may conditionally approve the plan while minor revisions or amendments are being completed.

The Contractor shall prepare the written, project specific Excavation and Transportation Plan establishing the procedures the Contractor will use to comply with requirements for excavating, stockpiling, transporting, and placing (or disposing) of material containing aerially deposited lead. The plan shall conform to the regulations of the DTSC and Cal-OSHA. The sampling and analysis portions of the Excavation and Transportation Plan shall meet the requirements for the design and development of the sampling plan, statistical analysis, and reporting of test results contained in USEPA, SW 846, "Test Methods for Evaluating Solid Waste," Volume II: Field Manual Physical/Chemical, Chapter Nine, Section 9.1. The plan shall contain, but not be limited to the following elements:

- A. Excavation schedule (by location and date)
- B. Temporary locations of stockpiled material
- C. Sampling and analysis plans for areas after removal of a stockpile
  - 1. Location and number of samples
  - 2. Analytical laboratory
- D. Dust control measures
- E. Transportation equipment and routes
- F. Method for preventing spills and tracking material onto public roads
- G. Truck waiting and staging areas
- H. Site for disposal of hazardous waste
- I. Spill Contingency Plan for material containing aerially deposited lead

#### **DUST CONTROL**

Excavation, transportation, placement, and handling of material containing aerially deposited lead shall result in no visible dust migration. The Contractor shall have a water truck or tank on the job site at all times while clearing and grubbing and performing earthwork operations in work areas containing aerially deposited lead.

## **STOCKPILING**

Stockpiles of material containing aerially deposited lead shall not be placed where affected by surface run-on or run-off. Stockpiles shall be covered with plastic sheeting 13 mils minimum thickness or one foot of nonhazardous material. Stockpiles shall not be placed in environmentally sensitive areas. Stockpiled material shall not enter storm drains, inlets, or waters of the State.

## **MATERIAL TRANSPORTATION**

Prior to traveling on public roads, loose and extraneous material shall be removed from surfaces outside the cargo areas of the transporting vehicles and the cargo shall be covered with tarpaulins or other cover, as outlined in the approved Excavation and Transportation Plan. The Contractor shall be responsible for costs due to spillage of material containing lead during transport.

The Department will not consider the Contractor a generator of the hazardous material, and the Contractor will not be obligated for further cleanup, removal, or remedial action for such material handled or disposed of in conformance with the requirements specified in these special provisions and the appropriate State and Federal laws and regulations and county and municipal ordinances and regulations regarding hazardous waste.

## **DISPOSAL**

Surplus material for which the lead content is not known shall be analyzed for aerially deposited lead by the Contractor prior to removing the material from within the project limits. The Contractor shall submit a sampling and analysis plan and the name of the analytical laboratory to the Engineer at least 15 days prior to beginning sampling or analysis. The Contractor shall use a laboratory certified by the California Department of Health Services. Sampling shall be at a minimum rate of one sample for each 200 cubic yards of surplus material and tested for lead using EPA Method 6010 or 7000 series.

Materials containing aerially deposited lead shall be disposed of within California. The disposal site shall be operating under a permit issued by the appropriate California Environmental Protection Agency board or department.

The Engineer will obtain the Environmental Protection Agency Generator Identification Number for hazardous waste disposal. The Engineer will sign all hazardous waste manifests. The Contractor shall notify the Engineer 5 business days before the manifests are to be signed.

## **MEASUREMENT AND PAYMENT**

Quantities of roadway excavation (aerially deposited lead) and structure excavation (aerially deposited lead), of the types shown in the Engineer's Estimate, will be measured and paid for in the same manner specified for roadway excavation and structure excavation, respectively, in Section 19, "Earthwork," of the Standard Specifications.

Full compensation for preparing an approved Excavation and Transportation Plan, transporting material containing aerially deposited lead reused in the work from location to location, and transporting and disposing of material containing aerially deposited lead shall be considered as included in the contract prices paid per cubic yard for the items of roadway excavation (aerially deposited lead) and structure excavation (aerially deposited lead) of the types involved, and no additional compensation will be allowed therefor.

No payment for stockpiling of material containing aerially deposited lead will be made, unless the stockpiling is ordered by the Engineer.

Sampling, analyses, and reporting of results for surplus material not previously sampled will be paid for as extra work as provided in Section 4-1.03D, "Extra Work," of the Standard Specifications.

**BID ITEM LIST****06-0J1604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070013	SMALL BUSINESS UTILIZATION REPORT	EA	1	250.00	250.00
2	071325	TEMPORARY FENCE (TYPE ESA)	LF	630		
3	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
4	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
5	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	32		
6	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
7	074042	TEMPORARY CONCRETE WASHOUT (PORTABLE)	LS	LUMP SUM	LUMP SUM	
8	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
9	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
10	120165	CHANNELIZER (SURFACE MOUNTED)	EA	72		
11	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
12	129000	TEMPORARY RAILING (TYPE K)	LF	750		
13	129100	TEMPORARY CRASH CUSHION MODULE	EA	56		
14	150662	REMOVE METAL BEAM GUARD RAILING	LF	460		
15	150771	REMOVE ASPHALT CONCRETE DIKE	LF	5,950		
16	150805	REMOVE CULVERT	LF	120		
17	150820	REMOVE INLET	EA	5		
18	190101	ROADWAY EXCAVATION	CY	13,800		
19	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
20	198001	IMPORTED BORROW	CY	16,100		

**BID ITEM LIST****06-0J1604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	200052	PRUNE EXISTING PLANTS	LS	LUMP SUM	LUMP SUM	
22	203002	EROSION CONTROL (COMPOST BLANKET)	CY	980		
23	390136	MINOR HOT MIX ASPHALT	TON	280		
24	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	5,240		
25	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	440		
26	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	280		
27 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	7.1		
28	530100	SHOTCRETE	CY	850		
29	641104	15" PLASTIC PIPE	LF	120		
30	641107	18" PLASTIC PIPE	LF	83		
31	665014	15" CORRUGATED STEEL PIPE (.079" THICK)	LF	310		
32	700617	DRAINAGE INLET MARKER	EA	9		
33	700641	36" CORRUGATED STEEL PIPE INLET (.168" THICK)	LF	27		
34	018661	PERVIOUS CONCRETE	CY	380		
35 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	2,028		
36	832002	METAL BEAM GUARD RAILING (STEEL POST)	LF	720		
37	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	4		
38	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
39	862065	REPLACE PULL BOX	LS	LUMP SUM	LUMP SUM	
40	BLANK					

**BID ITEM LIST**

**06-0J1604**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	CY	1980		
42	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: \_\_\_\_\_