

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER, MS 43
1727 30TH STREET
P.O. BOX 168041
SACRAMENTO, CA 95816-8041
FAX (916) 227-6214
TTY 711



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December 3, 2008

04-Sol-12-12.7/33.2
04-0T10U4
ACSTP-P012(100)E

Addendum No. 5

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SOLANO COUNTY NEAR SUISUN CITY FROM 1.1 KM EAST OF WALTERS ROAD TO CURRIE ROAD.

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 December 9, 2008.

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

In the Special Provisions, Section 10-1.38, "EARTHWORK," is revised as attached.

In the Bid book, in the "Bid Item List," Item 2 is revised as attached.

To Bid book holders:

Replace page 3 of the "Bid Item List" in the Bid book with the attached revised page 3 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.

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This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum is available for the Contractors' use on the Web site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html

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

ROBERT E. TRAVIS, Chief
Office of Plans, Specifications & Estimates
Division of Engineering Services - Office Engineer

Attachments

10-1.38 EARTHWORK

Earthwork shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Surplus excavated material 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.

Where a portion of the existing surfacing is to be removed, the outline of the area to be removed shall be cut on a neat line with a power-driven saw to a minimum depth of 50 mm before removing the surfacing. Full compensation for cutting the existing surfacing shall be considered as included in the contract price paid per cubic meter for roadway excavation and no additional compensation will be allowed therefor.

Reinforcement or metal attached to reinforced concrete rubble placed in embankments shall not protrude above the grading plane. Prior to placement within 0.6-m below the grading plane of embankments, reinforcement or metal shall be trimmed to no greater than 20 mm from the face of reinforced concrete rubble. Full compensation for trimming reinforcement or metal shall be considered as included in the contract prices paid per cubic meter for the types of excavation shown in the Engineer's estimate, or the contract prices paid for furnishing and placing imported borrow or embankment material, as the case may be, and no additional compensation will be allowed therefor.

IMPORTED BORROW

Imported borrow shall be mineral material including rock, sand, gravel, or earth. The Contractor shall not use man-made refuse in imported borrow including:

- A. Portland cement concrete
- B. Asphalt concrete
- C. Material planed from roadway surfaces
- D. Residue from grooving or grinding operations
- E. Metal
- F. Rubber
- G. Mixed debris
- H. Rubble

The portion of imported borrow placed 1.0 meter below subbase shall have a Resistance (R-Value) of not less than 15. At the option of the Contractor, the 1.0 meter section of imported borrow below subbase can be substituted by onsite excavated material, provided its R-Value is not less than 15.

Imported borrow shall not contain any elements or compounds that could result in the imported borrow being characterized as a hazardous waste as defined in Title 22 Section 66261 of the California Code of Regulation and Title 40 Section 261 of the Code of Federal Regulations.

Imported borrow shall not contain any elements or compounds in concentrations that exceed the Interim Final Environmental Screening Levels (ESLs) posted by the San Francisco Bay Regional Water Quality Control Board for shallow soil at commercial/industrial areas that are located where groundwater is a current or potential source of drinking water, unless otherwise directed by the Engineer.

The Contractor shall provide the Engineer with a detailed written statement describing the location and historic land use of the proposed source of imported borrow.

The Contractor shall obtain no less than 4 discrete samples from each source of imported borrow. These 4 discrete samples shall represent the first 1,000 cubic meters of material. The Contractor shall provide the Engineer with analytical data for each of the tests specified in these special provisions for each of the samples. In addition to these 4 initial soil samples the Contractor shall sample and test imported borrow at the rate of one sample per each additional 1,000 cubic meters imported borrow to demonstrate compliance with these special provisions. Soil samples shall be obtained in clean stainless steel sleeves during drilling or hand sampling. Sample tubes shall be capped with Teflon film or aluminum foil and plastic caps, sealed with the appropriate tape and preserved immediately at 4 degrees Celsius. Duct tape is not acceptable for sealing sample tubes.

Soil samples shall be delivered under chain of custody procedure to a laboratory for analysis within 24 hours of sampling. The chain of custody procedure is a process used to maintain and document the chronological history of each individual sample from the time of collection to the time of analysis. The actual chain of custody document shall include, but not be limited to the following information: sample number, sample type, location where sample was obtained, type of container, type of preservative, dates and times of collection, and names of person(s) collecting, transporting, storing, and analyzing the sample. Laboratories performing chemical analysis shall be certified by the California Department of Health Services Environmental Laboratory Accreditation Program (DHS-ELAP) for the specific test methods required.

The Contractor shall at a minimum perform the following tests on the samples collected from the imported borrow:

- A. CAM 17 Metals by EPA Method 200.7/6010
- B. Total petroleum hydrocarbons quantified against gasoline and Oxygenates by EPA 8015 mod.
- C. Total petroleum hydrocarbons quantified against diesel by EPA 8015 mod.
- D. Total petroleum hydrocarbons quantified against motor oil by EPA 8015 mod.
- E. Semi Volatile Organic Compounds by EPA Method 8270
- F. Organochlorine Pesticides and PCBs by EPA Method 8081
- G. At the direction of the Engineer, additional analysis may be required based on a review of the historic land use of the import borrow source.

The Contractor shall perform the waste extraction test (WET) on soil samples with concentrations of metals reported in excess of 10 times the soluble threshold limit concentration (STLC) stated in Section 66261.24 of the California Code of Regulations.

The Contractor shall submit the imported borrow analytical test data to the Engineer for acceptance 30 days prior to the placement of any imported borrow. The Contractor shall be responsible for the removal of any imported borrow that does not comply with these special provisions and has not been approved by the Engineer. The Engineer shall have 10 working days to review the analytical data and provide a written determination.

Imported borrow will be measured and paid for by the cubic meter. The total quantity of imported borrow will be computed in conformance with the provisions for roadway excavation in Section 19-1.01, "Measurement of Quantities," of the Standard Specifications, on the basis of the planned or authorized cross section for embankments as shown on the plans and the measured ground surface.

The contract price paid per cubic meter for imported borrow shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in obtaining and placing the import borrow, complete in place, including sampling and testing, clearing and stripping the import site, excavating, loading, hauling, depositing, and spreading and compacting, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

**BID ITEM LIST
04-0T10U4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	WD	W DAY	420	
3	071303	TEMPORARY FENCE (TYPE WM)	M	750		
4	071325	TEMPORARY FENCE (TYPE ESA)	M	21 200		
5	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
6 (S)	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
7 (S)	014315	TEMPORARY REINFORCED SILT FENCE (TYPE 1)	M	1600		
8	074028	TEMPORARY FIBER ROLL	M	10 000		
9	074029	TEMPORARY SILT FENCE	M	10 000		
10	014316	TEMPORARY SEASONAL WETLAND PROTECTION	M3	435		
11	074032	TEMPORARY CONCRETE WASHOUT FACILITY	EA	6		
12	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	6		
13	074034	TEMPORARY COVER	M2	4000		
14	074035	TEMPORARY CHECK DAM	M	100		
15	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	70		
16 (S)	074040	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	M2	39 600		
17	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
18 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
19 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
20	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	130		