

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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March 3, 2009

05-SCr-17-7.0/7.3
05-0P8104

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SANTA CRUZ COUNTY NEAR SCOTTS VALLEY FROM 0.1 MILE SOUTH OF WEST VINEHILL ROAD TO 0.1 MILE SOUTH OF VINEHILL 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 March 11, 2009.

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 29 dated February 27, 2009, and provide a copy of the Information Handout.

Project Plan Sheets 32, 40 and 43 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 5-1.05, "SUPPLEMENTAL PROJECT INFORMATION," item 4 is added to the second paragraph as follows:

"4. Preliminary Investigation Report."

In the Special Provisions, Section 5-1.08, " AERIALLY DEPOSITED LEAD," the third paragraph is revised as follows:

"The complete site investigation report is included in the "Material Information Handout."

In the Special Provisions, Section 10-1.24, "EARTHWORK," subsection "SOLDIER PILE WALL EARTHWORK," is added after the third paragraph as attached.

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In the Special Provisions, Section 10-1.25, " MATERIAL CONTAINING AERIALY DEPOSITED LEAD," the third paragraph is revised as follows:

"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 in areas of roadway excavation and structure excavation. 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."

In the Special Provisions, Section 10-1.25, "MATERIAL CONTAINING AERIALY DEPOSITED LEAD," subsection "SOLDIER PILE WALL EARTHWORK," is deleted.

In the Special Provisions, Section 10-1.28, "EROSION CONTROL (COMPOST BLANKET)," subsection "MATERIALS," under "Seed," the Seed table in the fourth paragraph is revised as follows:

Seed		
Botanical Name (Common Name)	Percent Germination (Minimum)	Pounds Pure Live Seed Per Acre (Slope Measurement)
Leymus glaucus 'Santa Cruz'* (Blue Wildrye)	75	25
Hordeum brachyantherum* (Meadow Barley)	70	25

*Seed produced in California only.

In the Special Provisions, Section 10-1.34, "DRILLED HOLES," the following paragraph is added after the seventh paragraph.

"Materials that are contaminated with aerially deposited lead, resulting from drilling holes, shall be handled, transferred and disposed in conformance with the provisions in "Material Containing Aerially Deposited Lead" elsewhere in these special provisions."

In the Special Provisions, Section 10-1.34, "DRILLED HOLES," the following paragraph is added after the last paragraph.

"Full compensation for handling, transferring and disposal of drilled materials in conformance with the provisions in "Material Containing Aerially Deposited Lead" shall be considered as included in the contract price paid per linear foot for drilled hole of the diameter shown on the plans and no additional compensation will be allowed therefor."

In the Special Provisions, Section 10-1.36, "STRUCTURAL CONCRETE, BARRIER SLAB," subsection "EARTHWORK," the first paragraph is revised as follows:

"Earthwork shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications, and "Material Containing Aerially Deposited Lead" of these special provisions."

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In the Special Provisions, Section 10-1.36, "STRUCTURAL CONCRETE, BARRIER SLAB," subsection "MEASUREMENT AND PAYMENT," the second paragraph is revised as follows:

"The contract price paid per cubic yard for structural concrete, barrier slab shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing the barrier slab, complete in place, including bar reinforcing steel, structure backfill, structure excavation and special handling, transferring, and disposing of Aerially Deposited Lead material, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

In the Bid book, in the "Bid Item List," Items 63 and 64 are added and Items 30 and 62 are deleted as attached.

To Bid book holders:

Replace pages 4 and 6 of the "Bid Item List" in the Bid Book with the attached revised pages 4 and 6 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Attached is a copy of the Information Handout, "Preliminary Site Investigation Report".

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 office is sending this addendum by GSO overnight mail to Bid book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the Contractors' use on the Web site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addenda.php

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

REBECCA D. HARNAGEL, Chief
Office of Plans, Specifications & Estimates
Division of Engineering Services - Office Engineer

Attachments

SOLDIER PILE WALL EARTHWORK

General

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

The Contractor shall submit to the Engineer working drawings, including design calculations, and a construction sequence for the proposed method of soldier pile wall construction for the site in conformance with the provisions in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. The drawings and calculations shall be signed by an engineer who is registered as a Civil Engineer in the State of California. One set of the drawings and construction sequence, and one copy of the design calculations, shall be furnished to the Engineer. The working drawings and construction sequence shall include, but not be limited to, defining order of work, traffic control, method of installation of soldier piles, method of placing lagging, limits of structure excavation lifts, and type of drilling and excavation equipment to be used. The Contractor shall allow one week after complete drawings and support data are submitted for the review and approval of the proposed method of soldier pile wall construction.

In the event the Engineer fails to complete the review and approval within the time allowed, and if, in the opinion of the Engineer, completion of the work is delayed or interfered with by reason of the Engineer's delay in completing the review, the Contractor will be compensated for any resulting loss, and an extension of time will be granted, in the same manner as provided in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

Structure Excavation (Soldier Pile Wall) (Type Z-2) (Aerially Deposited Lead)

Excavation and construction of the soldier pile wall shall proceed in lifts from the top down.

Care shall be taken in performing structure excavation (soldier pile wall) (Type Z-2) (Aerially Deposited Lead) for placement of lagging such that a minimal void behind the lagging is required to be backfilled.

The Engineer will determine whether boulders or portions of boulders that interfere with the placement of the lagging shall be removed. The additional earthwork involved in removing boulders or portions of boulders shall be performed by the Contractor as directed by the Engineer, and such additional work will be paid for as extra work as provided in Section 4-1.03D, "Extra Work," of the Standard Specifications.

At the end of the work shift, lagging shall be in place the full height of the exposed excavation face.

Structure Backfill (Soldier Pile Wall)

Material for structure backfill behind lagging shall conform to the provisions in Section 19-3, "Structure Excavation and Backfill," of the Standard Specifications. Structure backfill behind lagging shall be compacted by hand tamping, mechanical compaction, or other means approved by the Engineer.

Structure backfill in fill areas behind the lagging shall be keyed into the existing or excavated back slope.

Lean Concrete Backfill

Lean concrete backfill shall conform to the provisions for slurry cement backfill in Section 19-3.062, "Slurry Cement Backfill," of the Standard Specifications, except that aggregate shall be sand suitable for making commercial quality concrete.

Lean concrete backfill in the portions of the drilled holes occupied by lagging and in front of the soldier pile flanges shall be removed as necessary to install lagging.

Concrete Backfill

Concrete backfill of the types listed in the engineer's estimate encasing the steel soldier piles below the lagging shall be Class 2 concrete conforming to the provisions in Section 90, "Portland Cement Concrete," of the Standard Specifications and "Corrosion Control For Portland Cement Concrete" elsewhere in these special provisions.

Lean concrete backfill will be measured and paid for by the cubic yard as lean concrete backfill in the same manner specified for structure backfill in Section 19-3.07, "Measurement," and Section 19-3.08, "Payment," of the Standard Specifications.

Concrete backfill encasing steel soldier piles below the lagging will be measured and paid for by the cubic yard as concrete backfill of the types listed in the Engineer's Estimate in the same manner specified for structure backfill in Section 19-3.07, "Measurement," and Section 19-3.08, "Payment," of the Standard Specifications.

Full compensation for removing lean concrete backfill shall be considered as included in the contract price paid per cubic yard for structure excavation (soldier pile wall) (Type Z-2) (Aerially Deposited Lead) and no additional compensation will be allowed therefor.

Full compensation for working drawings and construction sequence, and temporary supports and shoring, if required, for soldier pile wall construction shall be considered as included in the contract price paid per cubic yard for structure excavation (soldier pile wall) (Type Z-2) (Aerially Deposited Lead) and no additional compensation will be allowed therefor.

The contract price paid per cubic yard for structure excavation (soldier pile wall) (Type Z-2) (Aerially Deposited Lead) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in planning for and excavation of said material including special handling, transferring, and special disposal, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

BID ITEM LIST
05-0P8104

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	150821	REMOVE HEADWALL	EA	1		
22	015522	CLEAN HOST PIPE	LF	290		
23	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	8,630		
24	153210	REMOVE CONCRETE	CY	1.4		
25	153221	REMOVE CONCRETE BARRIER	LF	1,200		
26	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
27	190105	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD)	CY	27		
28	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
29	041626	30" DRILLED HOLE	LF	595		
30		BLANK				
31 (F)	193029	STRUCTURE BACKFILL (SOLDIER PILE WALL)	CY	13		
32 (F)	041627	CONCRETE BACKFILL (CLASS 2)	CY	88		
33 (F)	193119	LEAN CONCRETE BACKFILL	CY	28		
34	198001	IMPORTED BORROW	CY	220		
35	203002	EROSION CONTROL (COMPOST BLANKET)	CY	46		
36	203018	EROSION CONTROL (NETTING)	SQYD	470		
37	204010	PLANT (GROUP O)	EA	50		
38	260201	CLASS 2 AGGREGATE BASE	CY	72		
39	390132	HOT MIX ASPHALT (TYPE A)	TON	2,540		
40	390134	HOT MIX ASPHALT (OPEN GRADED)	TON	540		

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	130		
62		BLANK				
63 (F)	041888	STRUCTURE EXCAVATION (SOLDIER PILE WALL) TYPE Z-2 (AERIALY DEPOSITED LEAD)	CY	28		
64	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____