

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 (916) 227-8454



*Flex your power!
Be energy efficient!*

**** WARNING ** WARNING ** WARNING ** WARNING ****
This document is intended for informational purposes only.

Users are cautioned that California Department of Transportation (Department) does not assume any liability or responsibility based on these electronic files or for any defective or incomplete copying, excerpting, scanning, faxing or downloading of the contract documents. As always, for the official paper versions of the bidders packages and non-bidder packages, including addenda write to the California Department of Transportation, Plans and Bid Documents, Room 0200, P.O. Box 942874, Sacramento, CA 94272-0001, telephone (916) 654-4490 or fax (916) 654-7028. Office hours are 7:30 a.m. to 4:15 p.m. When ordering bidder or non-bidder packages it is important that you include a telephone number and fax number, P.O. Box and street address so that you can receive addenda.

April 13, 2007

04-SCI-152-R31.7/34.3
04-174934
ACNH-P152(070)E
HP21L-6204(061)
HP21L-6204(062)

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SANTA CLARA COUNTY NEAR GILROY FROM 0.2 KM EAST OF SAN FELIPE ROAD TO 1.3 KM WEST OF ROUTE 156.

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 April 24, 2007.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract, the Federal Minimum Wages with Modification Number 3 dated 04-06-07.

Project Plan Sheets 69, 72, 102 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 5-1.145, "AREAS FOR CONTRACTOR'S USE," is added as attached.

In the Special Provisions, Section 5-1.18, "AERIALY DEPOSITED LEAD," is deleted.

In the Special Provisions, Section 10-1.31, "SHOULDER BACKING," is revised as attached.

In the Special Provisions, Section 10-1.32, "MATERIAL CONTAINING AERIALY DEPOSITED LEAD," is revised as attached.

In the Special Provisions, Section 10-2.02, "HIGHWAY PLANTING," Subsection, "PLANT ESTABLISHMENT WORK," is deleted.

Addendum No. 3
Page 2
April 13, 2007

04-SCI-152-R31.7/34.3
04-174934
ACNH-P152(070)E
HP21L-6204(061)
HP21L-6204(062)

In the Proposal and Contract, the Engineer's Estimate Items 7 and 64 are revised, Items 107 and 108 are added and Item 106 is deleted as attached.

To Proposal and Contract book holders:

Replace pages 3, 6 and 8 of the Engineer's Estimate in the Proposal with the attached revised pages 3, 6 and 8 of the Engineer's Estimate. The revised Engineer's Estimate 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 CONTRACTORS section of the Notice to Contractors 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 proposal.

Submit bids in the Proposal and Contract 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 DHL overnight mail to Proposal and Contract book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the contractor's use on the Internet Site:

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

If you are not a Proposal and Contract 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

5-1.145 AREAS FOR CONTRACTOR'S USE

Attention is directed to the provisions in Section 7-1.19, "Rights in Land and Improvements," of the Standard Specifications and these special provisions.

The highway right of way shall be used only for purposes that are necessary to perform the required work. The Contractor shall not occupy the right of way, or allow others to occupy the right of way, for purposes which are not necessary to perform the required work.

No State-owned parcels adjacent to the right of way are available for the exclusive use of the Contractor within the contract limits. The Contractor shall secure, at the Contractor's own expense, areas required for plant sites, storage of equipment or materials, or for other purposes.

No area is available within the contract limits for the exclusive use of the Contractor. Use of the Contractor's work areas and other State-owned property shall be at the Contractor's own risk, and the State shall not be held liable for damage to or loss of materials or equipment located within such areas.

10-1.31 SHOULDER BACKING

This work shall consist of constructing shoulder backing adjacent to the edge of new pavement surfacing in conformance with the details shown on the plans and these special provisions.

Material for shoulder backing shall be imported material or material processed from reclaimed portland cement concrete, lean concrete base, cement treated base, or a combination of any of these materials, conforming to the following grading and quality requirements:

Grading Requirements		Quality Requirements		
Sieve Sizes	Percentage Passing	Specification	California Test	Requirement
50 mm	100	Sand Equivalent	217	10 minimum-30 maximum
25 mm	75 - 100	Resistance (R-value)	301	50 minimum
4.75 mm	40 - 60	Percentage Crushed Particles	205	75% minimum
600 µm	12 - 35	Durability Index	229	20 minimum
75 µm	5 - 20			

Coarse aggregate consisting of material retained on the 4.75-mm sieve, shall consist of material of which at least 75 percent by mass shall be crushed particles with a minimum of two fractured faces, as determined in conformance with California Test 205.

Shoulder backing material shall have a minimum unit weight of 2160 kg/m³ as determined in conformance with California Test 212.

Shoulder backing material shall not be treated with lime, cement or other chemical mixtures.

Shoulder backing material consisting of reclaimed asphalt concrete, shall not be placed within 30 m measured horizontally of any culvert, watercourse, or bridge within the project limits.

The areas where shoulder backing is to be constructed shall be cleared of weeds, grass, and debris. Removed weeds grass and debris 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.

Prior to placement of shoulder backing material, basement material shall be scarified to a minimum depth of 75 mm. Immediately prior to placement of shoulder backing material, scarified material shall be watered. Shoulder backing material shall be placed, watered, and rolled a minimum of two passes with a steel tired roller weighing not less than 7.2 tonne to form a smooth, compacted surface. Watering shall conform to the provisions in Section 17, "Watering," of the Standard Specifications.

Shoulder backing material shall not be deposited on new pavement surfacing prior to placing the material in the final position, nor shall the material be deposited onto new pavement surfacing during mixing, watering, and blading operations.

Shoulder backing construction shall be completed along the edges of any portion of new pavement surfacing within 5 days after completion of that portion of the new surfacing. Prior to opening a lane adjacent to uncompleted shoulder backing to uncontrolled public traffic, the Contractor shall furnish, place, and maintain portable delineators and W8-9 (LOW SHOULDER) signs off of and adjacent to the new pavement surfacing. Portable delineators shall be placed at the beginning and along the drop-off of the edge of pavement, in the direction of travel, at successive maximum intervals of 150 m on tangents and 60 m on curves. W8-9 (LOW SHOULDER) signs shall be placed at the beginning and along the drop-off at successive maximum intervals of 600 m. The portable delineators and W8-9 (LOW SHOULDER) signs shall be maintained in place at each location until the shoulder backing is completed at that location. Portable delineators and signs shall conform to the provisions in Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, except the signs may be set on temporary portable supports or on barricades.

Quantities of imported material (shoulder backing) will be measured by the tonne in conformance with the provisions in Section 9-1.01, "Measurement of Quantities," of the Standard Specifications, except that the mass of water in the aggregate will not be determined and no deduction will be made from the mass of material delivered to the work.

The contract price paid per tonne for imported material (shoulder backing) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in constructing shoulder backing, complete in place, including furnishing, placing, maintaining, and removing portable delineators, W8-9 (LOW SHOULDER) signs, and temporary supports or barricades for the signs, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

10-1.32 MATERIAL CONTAINING LEAD

This work shall consist of handling material containing lead in conformance with the Standard Specifications and these special provisions. Material within the project limits is not a hazardous waste, does not require disposal at a permitted landfill or solid waste disposal facility, and is suitable for use as fill within the project limits and on other sites outside the highway right of way; however, low levels of lead are present within the project limits.

Lead has been detected within the top 0.6 m of material in unpaved shoulder areas between 0 m and 3 m, measured horizontally from the edges of existing pavement, from Station L 204+84 to Station L 228+87. Levels of lead found within these limits range from less than 1 to 197 mg/kg total lead with an average concentration of 35 mg/kg total lead, as analyzed by EPA Test Method 6010 or EPA Test Method 7000 series and based upon a 95% Upper Confidence Limit. Levels of lead found within these limits have an average soluble concentration of 2.8 mg/l as analyzed by the California Waste Extraction Test and based upon a 95% Upper Confidence Limit.

After the Contractor has completed handling materials containing lead in conformance with the plans, Standard Specifications, and these special provisions, the Contractor shall have no responsibility for such materials in place and shall not be obligated for removal of such materials remaining within the highway right of way.

Handling material containing lead shall be in conformance with rules and regulations including, but not limited to, those of the following agencies:

California Division of Occupational Safety and Health Administration (Cal-OSHA)
California Regional Water Quality Control Board, Region 3 – Central Coast Board

LEAD COMPLIANCE PLAN

The Contractor shall prepare a project specific Lead Compliance Plan to prevent or minimize worker exposure to lead while handling material containing lead. Attention is directed to Title 8, California Code of Regulations, Section 1532.1, "Lead," for specific Cal-OSHA requirements when working with lead.

The Lead Compliance Plan shall contain the elements listed in Title 8, California Code of Regulations, Section 1532.1(e)(2)(B). Before submission to the Engineer, the Lead Compliance Plan shall be approved by an Industrial Hygienist certified in Comprehensive Practice by the American Board of Industrial Hygiene. The Plan shall be submitted to the Engineer at least 7 days prior to beginning work in areas containing lead.

Prior to performing work in areas containing lead, personnel who have no prior training, including State personnel, shall complete a safety training program provided by the Contractor, that meets the requirements of Title 8, California Code of Regulations, Section 1532.1, "Lead," and the Contractor's Lead Compliance Program.

Personal protective equipment, training, and washing facilities, required by the Contractor's Lead Compliance Plan shall be supplied to State personnel by the Contractor. The number of State personnel will be 3.

If the Contractor chooses to dispose of the material at a commercial landfill, the Contractor shall transport it to a Class II or Class III landfill appropriately permitted to receive the material. The Contractor shall be responsible for identifying the appropriately permitted landfill to receive the material and for all associated disposal costs including any additional sampling and analysis required by the receiving landfill. If the Contractor chooses to use the material at a construction project outside the Caltrans right of way, the Contractor shall comply with the requirements specified in Section 7-1.13 of the Standard Specifications.

Full compensation for conforming to the requirements of this section, except for the Lead Compliance Plan, shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefor.

The contract lump sum price paid for Lead Compliance Plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing the Lead Compliance Plan, including paying the Certified Industrial Hygienist, and for providing personal protective equipment, training and medical surveillance, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

**ENGINEER'S ESTIMATE
04-174934**

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	LS	LUMP SUM	LUMP SUM	
3	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
4	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
5	074032	TEMPORARY CONCRETE WASHOUT FACILITY	EA	4		
6	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	2		
7	074034	TEMPORARY COVER	M2	3000		
8	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	9		
9 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
10 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
11 (S)	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	13 700		
12 (S)	120165	CHANNELIZER (SURFACE MOUNTED)	EA	24		
13 (S)	120300	TEMPORARY PAVEMENT MARKER	EA	960		
14 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4		
15	129000	TEMPORARY RAILING (TYPE K)	M	5650		
16 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	84		
17 (S)	011294	TEMPORARY CRASH CUSHION (ADIEM)	EA	9		
18	150206	ABANDON CULVERT	EA	5		
19	150605	REMOVE FENCE	M	3980		
20	150620	REMOVE GATE	EA	6		

**ENGINEER'S ESTIMATE
04-174934**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	011299	RUMBLE STRIP 600 MM	STA	21		
62	397001	ASPHALTIC EMULSION (PAINT BINDER)	TONN	50		
63 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	379		
64	510129	CLASS 2 CONCRETE (BOX CULVERT)	M3	54		
65	510217	CLASS 3 CONCRETE	M3	29		
66 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	16		
67	510526	MINOR CONCRETE (BACKFILL)	M3	3		
68 (F)	011300	ARCHITECTURAL TREATMENT (TEXTURED SHOTCRETE)	M2	1580		
69 (S-F)	520101	BAR REINFORCING STEEL	KG	4716		
70 (S-F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	28 756		
71 (S-F)	011301	BAR REINFORCING STEEL (SOIL NAIL WALL)	M3	32 100		
72 (F)	530100	SHOTCRETE	M3	573		
73 (S)	560239	FURNISH SINGLE SHEET ALUMINUM SIGN (2.0 MM-UNFRAMED)	M2	7		
74	566011	ROADSIDE SIGN - ONE POST	EA	5		
75	566012	ROADSIDE SIGN - TWO POST	EA	1		
76	620902	200 MM ALTERNATIVE PIPE CULVERT	M	13		
77	620904	300 MM ALTERNATIVE PIPE CULVERT	M	4		
78	620909	450 MM ALTERNATIVE PIPE CULVERT	M	120		
79	620913	600 MM ALTERNATIVE PIPE CULVERT	M	170		
80	655368	JACKED 750 MM REINFORCED CONCRETE PIPE (CLASS III)	M	130		

**ENGINEER'S ESTIMATE
04-174934**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101 (F)	011302	CONCRETE BARRIER (TYPE 60D MODIFIED)	M	245		
102 (S)	840515	THERMOPLASTIC PAVEMENT MARKING	M2	12		
103 (S)	840561	100 MM THERMOPLASTIC TRAFFIC STRIPE	M	13 900		
104 (S)	011303	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN)	M	2100		
105 (S)	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	2100		
106	BLANK					
107	839541	TRANSITION RAILINGS (TYPE WB)	EA	4		
108	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____