DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER
1727 30th Street MS-43
P.O. BOX 168041
SACRAMENTO, CA 95816-8041
FAX (916) 227-6214
www.dot.ca.gov/hq/esc/oe

Serious Drought.
Help save water!

May 7, 2014

10-Mer,Sta-5, 59, 99, 132-var
10-0X7704
Project ID 1013000018

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MERCED AND STANISLAUS COUNTIES AT VARIOUS LOCATIONS.

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, May 14, 2014.

This addendum is being issued to revise the *Notice to Bidders and Special Provisions*.

In the *Notice to Bidders and Special Provisions*, in the Registered Persons signature and seal sheet, the signature and seal sheet is added as attached.

In the Special Provisions, Section 15 is replaced as attached.

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

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/10/10-0X7704

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,

SHARRI BENDER EHLERT
District Director
District 6 Central Region

Attachments

CONTRACT NO. 10-0X7704

The special provisions contained herein have been prepared by or under the direction of the following Registered Person.

STRUCTURES

REGISTERED CIVIL ENGINEER

15 EXISTING FACILITIES

Replace section 15-1.03B with:

15-1.03B Residue Containing Lead from Paint and Thermoplastic

Residue from grinding or cold planing contains lead from paint and thermoplastic. The average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead. This residue:

1. Is a nonhazardous waste
2. Does not contain heavy metals in concentrations that exceed thresholds established by the Health and Safety Code and 22 CA Code of Regs
3. Is not regulated under the Federal Resource Conservation and Recovery Act (RCRA), 42 USC § 6901 et seq.
4. Is generated by grinding at:

Location	County	Route	PM	Structure Name	Bridge Number
1	Merced	59	7.90	Deadmans Creek	# 39-0061
2	Merced	59	15.23	Bear Creek	# 39-0009R
3	Merced	59	15.23	Bear Creek	# 39-0009L
4	Merced	99	R10.55	Owens Creek	# 39-0006L
5	Merced	99	R10.55	Owens Creek	# 39-0006R
6	Merced	99	R10.83	Miles Creek	# 39-0007L
7	Merced	99	R10.83	Miles Creek	# 39-0007R
8	Merced	99	R10.98	Miles Creek Overflow No. 1	# 39-0057L
9	Merced	99	R10.98	Miles Creek Overflow No. 1	# 39-0057R
10	Merced	99	R11.41	Miles Creek Overflow No. 2	# 39-0229L
11	Merced	99	R11.41	Miles Creek Overflow No. 2	# 39-0229R
12	Stanislaus	5	15.86	Del Puerto Canyon Road UC	#38-0119L
13	Stanislaus	132	14.71	Route 132-99 Separation	#38-0092

Submit a lead compliance plan under section 7-1.02K(6)(j)(ii).

Payment for a lead compliance plan is not included in the payment for existing facilities work.

Payment for handling, removal, and disposal of grinding or cold planing residue that is a nonhazardous waste is included in the payment for the type of removal work involved.

Replace section 15-2.02C(2) with:

15-2.02C(2) Remove Traffic Stripes and Pavement Markings Containing Lead

Residue from removing traffic stripes and pavement markings contains lead from the paint or thermoplastic. The average lead concentrations are less than 1,000 mg/kg total lead and 5 mg/L soluble lead. This residue:

1. Is a nonhazardous waste
2. Does not contain heavy metals in concentrations that exceed thresholds established by the Health and Safety Code and 22 CA Code of Regs
3. Is not regulated under the Federal Resource Conservation and Recovery Act (RCRA), 42 USC § 6901 et seq.

Submit a lead compliance plan under section 7-1.02K(6)(j)(ii).

Payment for a lead compliance plan is not included in the payment for existing facilities work.

Payment for handling, removal, and disposal of pavement residue that is a nonhazardous waste is included in the payment for the type of removal work involved.

Add to section 15-5.01C(2):

When abrasive blasting within 10 feet of public traffic, remove residue using a vacuum attachment operating concurrently with the blasting equipment.

Replace item 1 in the list in the 1st paragraph of section 15-5.05A(2) with:

1. Schedule of work for the test area and for each bridge

Replace the paragraphs of section 15-5.05A(3) with:

Complete a test area before starting deck treatment activities. Notify the Engineer at least 15 days before treating the test area.

The test area must be:

1. At least 500 sq ft
2. Within the project limits outside the traveled way at an authorized location
3. Constructed (1) using the same materials, equipment, and construction methods to be used in the work and (2) under conditions similar to those anticipated when the work will be performed.

The completed test area must demonstrate (1) compliance with these specifications and (2) that the work will be completed within the time allowed.

The Engineer performs friction testing of the treated test area under California Test 342. Allow 10 days after completion of the test area for the Engineer to perform the test.

Do not perform deck treatment activities until the test area is authorized. The authorized test area is the standard of comparison in determining the acceptability of treated deck surfaces.

The Engineer may perform testing under California Test 342 to verify the coefficient of friction of the treated deck surfaces.

Replace the 9th paragraph of section 15-5.05C with:

The coefficient of friction of the treated surface must be at least 0.35 when tested under California Test 342.

Traffic or equipment is not allowed on the treated surface until you have verified that the following conditions have been met and the Engineer has authorized the opening of the treated surface to traffic and equipment:

1. Treated deck surface is tack free and not oily
2. Sand cover adheres and resists brushing by hand
3. Excess sand and absorbent material has been removed
4. No material will be tracked beyond the limits of treatment by traffic

Replace item 1 in the list in the 1st paragraph of section 15-5.06A(2) with:

1. Schedule of overlay work for the trial overlay and for each bridge

Add to section 15-5.06A(2):

Submit a public safety plan. The public safety plan must include:

1. Public notification letter with a list of delivery and posting addresses. The letter must describe the work to be performed and state treatment work locations, dates, and times. Deliver the letter to residences and businesses within 100 feet of the overlay work and to local fire and police officials at least 7 days before starting overlay activities. Post the letter at the job site.
2. Airborne emissions monitoring plan. A CIH certified in comprehensive practice by the American Board of Industrial Hygiene must prepare and execute the plan. The plan must have at least 4 monitoring points, including the mixing point, application point, and point of nearest public contact. Monitor airborne emissions during overlay activities.
3. Action plan for protecting the public if airborne emissions levels exceed permissible levels.
4. Copy of the CIH's certification.

Submit results from airborne emissions monitoring of the trial overlay before starting production work.

Submit results from production airborne emissions monitoring as an informational submittal after completing overlay activities.

Replace the paragraphs of section 15-5.06A(3) with:

Complete a trial polyester concrete overlay before starting overlay activities. Notify the Engineer at least 15 days before constructing the trial overlay.

The trial overlay must be:

1. At least 12 by 12 feet and the same thickness as the overlay shown
2. Constructed on a prepared concrete base within the project limits at an authorized location
3. Constructed (1) using the same materials, equipment, and construction methods to be used in the work and (2) under conditions similar to those anticipated when the work will be performed
4. Demonstrate the suitability of the airborne emissions monitoring plan

Use the trial overlay to determine the initial polyester-concrete set time.

The Engineer performs friction testing of the trial overlay under California Test 342. Allow 10 days after completion of the trial overlay for the Engineer to perform the testing.

The completed trial overlay must demonstrate (1) compliance with these specifications and (2) that the work will be completed within the time allowed.

Do not perform overlay activities until the trial overlay is authorized. The authorized trial overlay is the standard of comparison in determining the acceptability of the overlay.

The Engineer may perform testing under California Test 342 to verify the coefficient of friction of the overlay surfaces.

Dispose of the trial overlay and concrete base after acceptance of all polyester concrete overlay surfaces.

Replace the 8th paragraph of section 15-5.06C(1) with:

Finishing equipment for polyester concrete must:

1. Have grade control capabilities resulting in a roadway surface that meets the smoothness requirements of section 51-1.01D(4)(b) and is capable of adjusting for a variable thickness overlay along and across the existing deck surface. The use of fixed height skid-supported strike off equipment is not allowed.
2. Be used to consolidate the polyester concrete
3. Have a 12-foot minimum paving width

Replace the 21st paragraph of section 15-5.06C(1) with:

Completed polyester concrete deck surfaces must have a uniform surface texture with a coefficient of friction of at least 0.35 when tested under California Test 342 and a surface smoothness complying with section 51-1.01D(4)(b).

Add to section 15-5.06C(1):

You may use a mechanical mixer to mix the polyester concrete. The mixer capacity must not exceed 9 cu ft unless authorized. Initiate the resin binder and thoroughly blend it immediately before mixing it with the aggregate. Mix the polyester concrete for at least 2 minutes before placing.