

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Flex your power!
Be energy efficient!*

November 17, 2011

10-Mer-99,140-13.8/14.4,35.8

10-481004

Project ID 1000000441

ACNH-P099(550)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MERCED COUNTY IN MERCED FROM 0.3 MILE SOUTH OF ROUTE 99/140 SEPARATION TO G STREET UNDERCROSSING AND ON ROUTE 140 AT MAIN STREET.

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, November 29, 2011.

This addendum is being issued to revise the Notice to Bidders and Special Provisions, the Federal Minimum Wages with Modification Number 39 dated 11/04/2011 and provide a copy of the Additional Information Handout.

In the Special Provisions, Section 5-1.12, "SUPPLEMENTAL PROJECT INFORMATION," is revised as attached.

In the Special Provisions, Section 10-1.35, "EXISTING HIGHWAY FACILITIES," subsection "REMOVAL OF ASBESTOS CONTAINING MATERIALS - BRIDGES AND NON-BUILDING STRUCTURES," is added as attached.

In the Special Provisions, Section 10-1.49, "PILING," subsection "GENERAL," the following paragraph is added after the first paragraph.

"Concrete for cast-in-place concrete piling shall be prequalified in conformance with the provisions in Section 90-9, "Compressive Strength," of the Standard Specifications."

In the Special Provisions, Section 10-1.49, "PILING", subsection "MEASURE AND PAYMENT (PILING)," the following paragraph is added after the second paragraph.

"Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in removing the existing piling that conflicts with the cast-in-drilled-hole concrete piling, and disposing of the material resulting from the removal, shall be considered as included in the contract prices paid per linear foot for cast-in-drilled-hole concrete piling, of the types and sizes listed in the Engineer's Estimate, and no additional compensation will be allowed therefor."

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To Bid book holders:

Attached is a copy of the Additional Information Handout.

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/10/10-481004

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,

FOR 

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

Attachments

5-1.12 SUPPLEMENTAL PROJECT INFORMATION

The Department makes the following supplemental project information available:

Supplemental Project Information

| Means | Description |
|--|---|
| Included in the Information Handout | Foundation Report for Bridge No. 39-0139, Dated December 10, 2009 Foundation Report for Bridge No. 39-0241, Dated April 21, 2010 Foundation Review for Bridge No. 39-0139, Dated April 21, 2010 Foundation Review for Bridge No. 39-0241, Dated April 21, 2010 Site Investigation Report, Route 99 Bridges (39-0130 and 39-0139), City of Merced, Merced County, California (MER 99 PM 13.9-14.4) |
| Available as specified in the Standard Specifications | Bridge as-built drawings |
| Available at: http://www.dot.ca.gov/hq/esc/oe/weekly_ads/index.php | Cross sections |

REMOVAL OF ASBESTOS CONTAINING MATERIALS – BRIDGES AND NON-BUILDING STRUCTURES

Asbestos containing materials (ACM), as defined in section 1529, "Asbestos," of the Construction Safety Orders, Title 8, of the California Code of Regulations [are/suspected] to be present in the structure proposed for demolition or renovation.

In compliance with Standard Specifications Section 14-9.01, the Contractor must notify the San Joaquin Valley Unified Air Pollution Control District (SJVUAPCD) as required by the National Emission Standards for Hazardous Air Pollutants (NESHAP) 40 CFR Part 61, Subpart M, California Health and Safety Code section 39658(b)(1), and the California Air Resources Board regulations. Provide a copy of the notification form and attachments to the Engineer prior to submittal. Notification must take place a minimum of 10 days prior to starting demolition or renovation activities. Contractor must contact the SJVUAPCD for confirmation. Notify other local permitting agencies and utility companies prior to demolition or alteration.

Friable ACM is defined under the Asbestos Hazard Emergency Response Act (AHERA) as "any material containing more than 1 percent (%) asbestos by area that hand pressure can crumble, pulverize or reduce to powder when dry". The term non-friable implies that the asbestos fibers are tightly bound into the matrix of the material and should not become an airborne hazard as long as the material remains intact and undamaged, and is not sawed, sanded, drilled or otherwise abraded during removal.

Codes, which govern removal and disposal of materials containing asbestos include, but are not limited to, the following:

1. California Health and Safety Code, Division 20, Chapter 6.5, Hazardous Waste Control.
2. California Code of Regulations, Title 8, General Industry Safety Order 5208 Asbestos.
3. California Code of Regulations, Title 8, Sections 1529 and 341
4. California Code of Regulations, Title 22, Division 4.5
5. Occupational Safety and Health Administration, Part 26 (amended), of Title 29 of the Code of Federal Regulations.
6. Code of Federal Regulations (CFR), Title 40, Part 61, subpart M.

ASBESTOS SURVEY

Asbestos was detected at Bridge # 39-0130, Chrysotile in Barrier Railing Shims. All other suspected structural members have tested negative for asbestos-containing material. The survey report is included in the "Information Handout." The report entitled "Site Investigation Report, Route 99 Bridges (39-0130 and 39-0139), City of Merced, Merced County, California (MER 99 PM 13.9-14.4)".

Submit an Asbestos Compliance Plan (ACP). ACP must comply with section 7-1.01A, "Asbestos Compliance Plan," of the Standard Specifications.

ASBESTOS COMPLIANCE PLAN

Prepare an Asbestos Compliance Plan (ACP) to prevent or minimize exposure to asbestos. Attention is directed to Title 8, California Code of Regulations, Construction Safety Orders, section 5192 (b) and section 1529, "Asbestos", Occupational Safety and Health Guidance Manual published by the National Institute of Occupational Safety and Health (NIOSH) and the USEPA for elements of the ACP. The ACP must contain as a minimum but not be limited to: identification of key personnel for the project, job hazard analysis for work assignments, summary of risk assessment, personal protective equipment, delineation of work zones on-site, decontamination procedures, general safe work practices, security measures, emergency response plans and worker training. The ACP must be authorized in writing by an industrial hygienist certified in the practice of industrial hygiene by the American Board of Industrial Hygiene before submission to the Engineer for review and acceptance. Submit the ACP to the Engineer at least 15 days prior to beginning work in areas containing or suspected to contain asbestos.

TRAINING

Prior to performing work in areas containing or suspected to contain asbestos, personnel who have no prior training or are not current in their training status, including State personnel, must complete a safety training program provided by the Contractor, which meets the requirement of Title 8, California Code of Regulations, Section 1529. Provide a written certification of completion of safety training to the Engineer for trained personnel prior to performing work in areas containing or suspected to contain asbestos.

EQUIPMENT AND MEDICAL SURVEILLANCE

Provide personnel protective equipment, training, and medical surveillance required by the Contractor's Asbestos Compliance Plan to State personnel. The number of State personnel will be three (3).

REMOVAL

Prepare a work plan for the removal, storage, transportation and disposal of Chrysotile ACM. Removal and management of ACM will be performed by a contractor registered pursuant to Section 6501.5 of the Labor Code and certified pursuant to Section 7058.6 of the Business and Professions Code. Asbestos removal must conform to Cal/OSHA requirements in Title 8 Sections 1529 and 341. For bridges built before 1980, where ACM is suspected, but cannot be sampled before demolition, a CAC must be present during demolition in case unforeseen ACM is encountered. Remove all friable material in a manner that conforms to OSHA work practice requirements. Remove and handle all non-friable ACM to prevent breakage. Non-friable ACM such as asbestos cement pipe must be disposed of to a landfill facility permitted to take ACM. The removal of ACM encased in concrete or other similar structural material is not required prior to demolition, but such material must be adequately wetted whenever exposed during demolition. Packaging, storage, transporting, and disposing of ACM, must conform to Title 22, Division 4.5, Chapters 11, 12 and 13 of the California Code of Regulations. No visible dust must be generated when handling, removing, transporting, and disposing of ACM.

Asbestos removal procedures include, but are not limited to:

1. Installing asbestos warning signs at perimeters of abatement work areas.
2. Wetting asbestos materials with sprayers.
3. Containing large volumes of asbestos materials in disposal bins for temporary storage until removed from the site.
4. Providing manifests for the Engineer to sign for disposal of friable ACM waste or a waste shipment record for disposal of non-friable ACM waste.
5. Providing transporters registered to transport hazardous waste in the State of California in accordance with the provisions of Chapter 6.5, Division 20 of the Health and Safety Code and Title 22 of the California Code of Regulations, Division 4.5.
6. Disposing of asbestos materials at a permitted disposal facility, which accepts such materials.
7. Working in accordance with Federal, State, and Local requirements for asbestos work.

Mark all vehicles used to transport ACM as specified below, or an equivalent warning:

**DANGER
ASBESTOS
CANCER AND LUNG DISEASE HAZARD
AUTHORIZED PERSONNEL ONLY**

Handling

Comply with CCR Title 22, Division 4.5, Chapter 12, Article 3 requirements for the packaging and labeling of removed ACM, and place such removed material in approved plastic containers (double ply plastic bags) with caution labels affixed to bags. Such caution labels must have conspicuous, legible lettering, which spells out the following, or equivalent warning:

**DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD**

At the option of the Contractor, the removed materials containing asbestos may be placed directly into a covered roll off or drop box, which must have the same caution label, affixed on all sides.

Transporting

Haulers of friable asbestos containing material will have current registration with the State Department of Toxic Substances Control (DTSC), and must have a U.S. Environmental Protection Agency Identification Number (U.S. EPA I.D. Number). A valid registration issued by DTSC is required for all vehicles used to transport hazardous waste material. Non-friable ACM is not hazardous waste and can be transported with a waste shipment record (WSR) or comparable shipping document.

Disposal

The Engineer will obtain the required EPA generator identification numbers, and will sign the hazardous waste manifests for disposal of friable asbestos containing material. The Contractor must dispose of friable and non-friable waste containing asbestos at a disposal facility permitted to accept such material and that meets all the requirements specified by Federal, State, and Local regulations. Notify the proper authorities at the disposal site in advance of delivery of asbestos containing material to the disposal site. Conduct additional sampling deemed necessary by the owner of the disposal facility for acceptance of the material at your expense.

MEASUREMENT AND PAYMENT

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in preparing the Asbestos Compliance Plan, including paying the Certified Industrial Hygienist, and for providing personal protective equipment, training, medical surveillance, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer will be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

Full compensation for preparation of a Removal Work Plan and for the removal, transportation, and disposal of asbestos-containing material is included in the contract items of work involved and no additional compensation will be allowed therefor.