

**DEPARTMENT OF TRANSPORTATION**  
DIVISION OF ENGINEERING SERVICES  
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Be energy efficient!*

August 28, 2009

05-Mon-1-21.3/21.6  
05-0E9604  
ACSTP-P001(542)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN MONTEREY COUNTY NEAR LUCIA FROM 0.6 MILE NORTH OF LIMEKILN CREEK BRIDGE TO 1.4 MILES SOUTH OF LUCIA.

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, September 9, 2009.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions and the Federal Minimum Wages with Modification Number 34 dated 07/31/09.

Project Plan Sheets 53, 109, 113, 136, 137, 143, and 166 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Notice to Bidders, the eleventh paragraph is revised as follows:

"Complete the work within 790 working days."

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION, AND LIQUIDATED DAMAGES," the sixth paragraph is revised as follows:

"Complete the work within 790 working days."

In the Special Provision, Section 5-1.08 "PAYMENTS," the first paragraph is deleted.

In the Special Provisions, Section 10-1.25, "SOLAR POWERED PORTABLE CHANGEABLE MESSAGE SIGNS," subsection "PROTOCOL COMPLIANCE," is deleted.

In the Special Provisions, Section 10-1.25, "SOLAR POWERED PORTABLE CHANGEABLE MESSAGE SIGNS," subsection "USER INTERFACE," the first paragraph is revised as follows:

"The Contractor shall provide the Engineer with the solar powered PCMS user interface software that can be installed at the Traffic Management Center computers compatible with the Windows XP environment. The user interface software shall, at a minimum, provide the user with a real-time on-board display of the message in the field. Control options shall at a minimum provide the user the ability to change on-board messages in real-time, font size, and flash rate. A diagnostics menu shall be provided which, at a minimum, shall inform the user of battery charge level."

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In the Special Provisions, 10-1.35, "BRIDGE CONSTRUCTION SURVEYING," is revised 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.

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/05/05-0E9604](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/05/05-0E9604)**

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  
Office Engineer  
Division of Engineering Services

Attachments

### **10-1.35 BRIDGE CONSTRUCTION SURVEYING**

Except for the "State-Furnished Survey Control Stakes" noted below, bridge construction surveying shall consist of the Contractor establishing lines and grades for the construction of Pitkins Curve Bridge (Bridge No. 44-0290), true to the dimensions, in conformance with the design and details shown on the plans, the provisions in Section 51, "Concrete Structures," of the Standard Specifications, and these special provisions.

Bridge construction surveying shall also consist of preparing and furnishing a written survey plan.

Attention is directed to "Cast-in-Place Prestress Segmental Box Girder Superstructure," of these special provisions, including, the "Geometry Control Manual," "Construction Manual," and "Casting Control Geometry" sections therein.

The Engineer will provide the Contractor a large format (50-scale) copy of the deck contour drawings shown in the contract plans. The State-furnished deck contour sheets will not include any bridge element plotted therein.

#### **BRIDGE CONSTRUCTION SURVEY PLAN**

Before starting any bridge construction survey work, the Contractor shall submit a written Survey Plan for approval by the Engineer detailing the proposed procedures, methods, equipment, and typical stake markings to be used for all Contractor-furnished bridge construction surveying on the project, in conformance with the provisions in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications, and these special provisions.

The Survey Plan shall include working drawings and supplements and shall include, at a minimum, the following:

1. Location of all bridge survey points
2. Bridge alignment
3. Grade sheet formats

The supplements to the working drawing shall show the Contractor's proposed methods of construction surveying and a quality control plan for surveying, and shall include the following:

1. A detailed narrative of the step-by-step surveying control process.
2. A listing of the types of methods and the related items to be constructed.
3. Detailed calculation forms, and a set of calculation for each type of survey method, including sample input and output of computer programs.
4. Identifications of all measuring equipment, procedures.
5. Qualifications of personnel who will carry out construction surveying, and for the Professional Land Surveyor of record.

Prior to submitting the Survey Plan, the Contractor and the Contractor's Professional Land Surveyor shall hold a pre-survey meeting with the Engineer to discuss the proposed bridge construction surveying procedures.

The Contractor shall allow 15 working days for the Engineer to review the Survey Plan after a complete plan has been submitted. If revisions are required, as determined by the Engineer, the Contractor shall revise and resubmit the Survey Plan. The Contractor shall allow 10 working days for the Engineer to review the revisions. No bridge construction surveying shall begin until the Engineer approves the written Survey Plan.

The Survey Plan, and the calculations, survey notes, and other records submitted to establish the exact position of the work shall be completed under the direction of and signed by a Professional Land Surveyor who is registered in the State of California.

The Contractor shall be responsible for generating the bridge grades required for the completion of the bridge. For portion of the work outside the limits of the cast-in-place pre-stress segmental box girder superstructure, the Contractor shall submit the bridge grades, according to the approved grade sheet format, to the Engineer within a reasonable length of time prior to its use. In no event, shall a submittal of less than ten working days be considered a reasonable length of time.

It shall be the Contractor's responsibility that the bridge lines and grades conform to the requirements shown on the plans, and as specified in the Standard Specifications and in these special provisions.

### **STATE FURNISHED SURVEY CONTROL STAKES**

At Pitkins Curve Bridge (Bridge No. 44-0290) the lines and grades furnished by the Engineer as provided in Section 5-1.07, "Lines and Grades," of the Standard Specifications will be limited to State-furnished survey control stakes for the abutments, piers and wingwalls in accordance with Section 12.5-12, "Major Structure Stakes - Ground," of the Department's Surveys Manual dated September 2006.

All references in the Surveys Manual or any Department publication regarding lines and grades, surveying, or staking provided by the Structure Representative or other Department personnel shall not apply.

The Contractor's Professional Land Surveyor shall verify the accuracy of the bridge control stakes provided by the Engineer prior to initiating construction or construction surveying and shall notify the Engineer immediately of any errors, deviations and inconsistencies that may affect the lines and grades of the bridge.

### **MEASUREMENT AND PAYMENT**

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