

DEPARTMENT OF TRANSPORTATION

ES-OE MS #43
1727 30TH Street, 2ND Floor
Sacramento, CA 95816



May 23, 2001

04-Ala-80,580-2.3/4.0,45.6/47.0
04-143534

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in ALAMEDA COUNTY IN OAKLAND AT ROUTE 80/580 SEPARATION.

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 June 19, 2001.

This addendum is being issued to revise the Project Plans, the Notice to Contractors and Special Provisions and the Proposal and Contract.

Project Plan Sheet 297, the following note number eight is added under the "Notes":

"8. Core 2" hole in the web of bent cap."

In the Special Notices, the twelfth paragraph is revised as follows:

"The Contractor shall begin work within 5 calendar days after receiving notice that the contract has been approved. The contract work shall be completed before the expiration of **780 WORKING DAYS** beginning at **12:01 a.m. on the FIRST WORKING DAY AFTER CONTRACT AWARD.** (See Section 4 of the Special Provisions.)"

In the Special Notices, the following is added after the twelfth paragraph:

"The time limit specified in the Special Provisions for the completion of work contemplated herein is considered insufficient to permit completion of the work by the Contractor working a normal number of hours per day or week on a single shift basis. It is expected that additional shifts will be required throughout the life of the contract to the extent deemed necessary to ensure that the work will be completed within the time limit specified. (See Section 4 of the Special Provisions)."

In the Special Notices, the fourteenth paragraph is revised as follows:

"Attention is directed to Section 5 of the Special Provisions, regarding contract bonds. The payment bond and performance shall each be in a sum not less than one hundred percent of the total amount payable by the terms of the contract."

After the Special Notices, the Structure Specification Engineer's Seal is added as attached.

04-Ala-80,580-2.3/4.0,45.6/47.0
04-143534

In the Notice to Contractors, the following paragraphs are added after the fourth paragraph:

"No prebid meeting is scheduled for this project.

Bidder inquiries may be made as follows:

The Department will consider bidder inquiries only when a completed "Bidder Inquiry" form is submitted. A copy of the "Bidder Inquiry" form is available at the Internet address shown below. The bidder inquiry shall include the bidder's name and telephone number. Submit "Bidder Inquiry" forms to:

Construction Program Duty Senior
111 Grand Avenue
Oakland, CA 94612

Fax Number: (510) 622-1805
E-mail: DUTY_SENIOR_DISTRICT04@ dot.ca.gov
Tel. Number: (510) 286-5209

To expedite processing, submittal of "Bidder Inquiry" forms via Fax or E-mail is preferred.

To the extent feasible and at the discretion of the Department, completed "Bidder Inquiry" forms submitted for consideration will be investigated, and responses will be posted on the Internet at:

<http://www.dot.ca.gov/dist4/construction/CONTRACTINQUIRIES.html>

The responses to bidders' inquiries, unless incorporated into formal addenda to the contract, are not a part of the contract, and are provided for the bidder's convenience only. In some instances, the question and answer may represent a summary of the matters discussed rather than a word-for-word recitation. The availability or use of information provided in the responses to bidders' inquiries is not to be construed in any way as a waiver of the provisions of Section 2-1.03 of the Standard Specifications or any other provision of the contract, the plans, Standard Specifications or Special Provisions, nor to excuse the contractor from full compliance with those contract requirements. Bidders are cautioned that subsequent responses or contract addenda may affect or vary a response previously given."

In the Notice to Contractors, the seventh paragraph is revised as follows:

"At the time this contract is awarded, the Contractor shall possess either a Class A license or a combination of Class C licenses which constitutes a majority of the work."

In the Special Provisions, Section 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES," is replaced as attached.

In the Special Provisions, Section 5-1.005, "CONTRACT BONDS," the second paragraph is revised as follows:

"The payment bond and performance bond shall each be in a sum not less than one hundred percent of the total amount payable by the terms of the contract."

04-Ala-80,580-2.3/4.0,45.6/47.0
04-143534

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the second sentence in the third paragraph is revised as follows:

"Nonconflicting work may proceed concurrently with the construction of these bents, provided progress is maintained adequately to assure completion of these bents within 280 working days after approval of contract."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the seventh paragraph is deleted.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," under the subsection "Measurement and Payment," the third, fourth, sixth, seventh and eighth paragraphs are deleted.

In the Special Provisions, Section 10-1.21, "BRIDGE REMOVAL (PORTIONS)," the second paragraph is deleted.

In the Special Provisions, Section 10-1.21, "BRIDGE REMOVAL (PORTIONS)," the sixth paragraph is deleted.

In the Special Provisions, Section 10-1.22, "TEMPORARY SUPPORTS," is deleted.

In the Special Provisions, Section 10-1.35, "PILING," in the subsection "Driving System Submittal," the first paragraph is revised as follows:

"Driving System Submittal--Prior to installing driven piles, the Contractor shall provide a driving system submittal, including driveability analysis, in accordance with provisions in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. All proposed driving systems (i.e., each hammer that may be brought onto the site) shall be included in the submittal."

In the Special Provisions, Section 10-1.35, "PILING," the first, second, third and fourth paragraphs under the duplicated subsection "Dynamic Monitoring" on page 123 are deleted.

In the Special Provisions, Section 10-1.38, "CONCRETE STRUCTURES," under the subsection "General" the second paragraph is deleted.

In the Special Provisions, Section 10-1.54, "CLEAN AND PAINT EXISTING STRUCTURAL STEEL," the subsection "Painting" is revised as follows:

"PAINTING.--The paints to be applied to the existing metal surfaces, the minimum number of coats, and the total dry film thickness shall conform to the following:

Blast cleaned areas shall be coated with the following paint system in the order listed:

1. First undercoat of paint, conforming to the requirements for Red Primer Paint-Waterborne, Formula PWB 145, Red Primer, High Solids Phenolic Type, Formula PWB 145, shall be applied in one or more applications to a dry film thickness of not less than 2 mils.
2. Second undercoat of paint conforming to the requirements for Pink Primer Paint-Waterborne, Formula PWB 146, Pink Primer, High Solids Phenolic Type, Formula PWB 146, shall be applied in one or more applications to a dry film thickness of not less than 2 mils.
3. The total dry film thickness of undercoats shall be not less than 4 mils nor more than 8 mils.

04-Ala-80,580-2.3/4.0,45.6/47.0
04-143534

After the total dry film thickness of undercoats has been applied, all metal surfaces shall receive the following finish coats:

1. First finish coat of paint, conforming to the requirements for Light Green Finish Paint-Waterborne, Formula PWB 164B, tinted to match Federal Standard 595B No. 36628, shall be applied in one or more applications to a dry film thickness of not less than 2 mils.
2. Second finish coat of paint, conforming to the requirements for Green Finish Paint-Waterborne, Formula PWB 164B, tinted to match existing finish color, shall be applied in one or more applications to a dry film thickness of not less than 2 mils.

A minimum of 12 hours drying time shall be allowed between succeeding undercoat or finish coat.

The total dry film thickness of undercoats and finish coats on areas that have been blast cleaned shall be not less than 8 mils nor more than 16 mils. The total dry film thickness of finish coats on areas not blast cleaned shall be not less than 4 mils nor more than 8 mils."

In the Special Provisions, Section 10-1.55, "MISCELLANEOUS METAL (BRIDGE)," the following paragraphs are added after the third paragraph:

"Existing restrainers that are to remain in place along the "BM-line" shall be tightened as directed by the Engineer.

Tightening existing restrainers, when ordered by the Engineer, will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications."

In the Special Provisions, Section 10-1.65, "ELECTRONIC MOBILE DAILY DIARY SYSTEM DATA DELIVERY," is added as attached.

In the Proposal and Contract, the Engineer's Estimate Item 94 is deleted, Items 95 and 96 are added attached.

To Proposal and Contract book holders:

Replace page seven of the Engineer's Estimate in the Proposal with the attached revised page seven of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

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.

Inform subcontractors and suppliers as necessary.

Addendum No. 1
Page 5
May 23, 2001

04-Ala-80,580-2.3/4.0,45.6/47.0
04-143534

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

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
Plans, Specifications & Estimates Branch
Office of Office Engineer

Attachments

SECTION 4. BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES

Attention is directed to the provisions in Section 8-1.03, "Beginning of Work," in Section 8-1.06, "Time of Completion," and in Section 8-1.07, "Liquidated Damages," of the Standard Specifications, and Section 10-1.01, "Order of Work," elsewhere in these special provisions and these special provisions.

The Contractor shall begin work within 5 calendar days after the contract has been approved by the Attorney General or the attorney appointed and authorized to represent the Department of Transportation.

The work shall be completed in two phases as follows:

Phase I consists of all work in Stage 1 and 2, and such other work as required to be completed on and adjacent to eastbound Route 80, as shown on the plans. After the completion of Phase I, the contractor shall not be allowed to enter the area within 10 feet from the edge of shoulder on eastbound Route 80 and the area north and west of eastbound Route 80.

Phase II consists of the completion of all other work except for Phase I.

Work defined as Phase I shall be diligently prosecuted to completion before the expiration of **280 WORKING DAYS** beginning at 12:01 a.m. on the **FIRST WORKING DAY AFTER CONTRACT AWARD.**

The Contractor shall pay to the State of California the sum of \$19,600 per day, for each and every calendar day's delay in finishing the work defined as Phase I in excess of the number of working days prescribed above.

Work defined as Phase II shall be diligently prosecuted to completion before the expiration of **780 WORKING DAYS** beginning at 12:01 a.m. on the **FIRST WORKING DAY AFTER CONTRACT AWARD.**

The Contractor shall pay to the State of California the sum of \$1400 per day, for each and every calendar day's delay in finishing the work defined as Phase II in excess of the number of working days prescribed above.

In no case will liquidated damages of more than \$19,600 per day be assessed

The 72 hours advance notice before beginning work as referred to in said Section 8-1.03 is changed to 24 hours advance notice for this project.

A working day as defined in said Section 8-1.06 is re-defined for this project. Paragraph 2 through paragraph 5, inclusive, of said Section 8-1.06 shall not apply. Saturdays, Sundays and legal holidays, including days of inclement weather, will be counted as working days.

The time limit specified for the completion of the work contemplated herein is considered insufficient to permit completion of the work by the Contractor working a normal number of hours per day or week on a single shift basis. Should the Contractor fail to maintain the progress of the work in conformance with the "Progress Schedule" required in these special provisions, additional shifts will be required to the extent necessary to ensure that the progress conforms to the abovementioned schedule and that the work will be completed within the time limit specified.

Full compensation for any additional costs occasioned by compliance with the provisions in this section shall be considered as included in the prices paid for the various contract items of work and no additional compensation will be allowed therefor.

10-1.65 ELECTRONIC MOBILE DAILY DIARY SYSTEM DATA DELIVERY

Attention is directed to Sections 5-1.10, "Equipment and Plants," and 7-1.01A(3), "Payroll Records," of the Standard Specifications, and these special provisions.

The Contractor shall submit to the Engineer a list of each piece of equipment and its identifying number, type, make, model and rate code in accordance with the Department of Transportation publication entitled "Labor Surcharge and Equipment Rental Rate" which is in effect on the date the work is performed, and the names, labor rates and work classifications for all field personnel employed by the Contractor and all subcontractors in connection with the public work, together with such additional information as is identified below. This information shall be updated and submitted to the Engineer weekly through the life of the project.

This personnel information will only be used for this mobile daily diary computer system and it will not relieve the Contractor and subcontractors from all the payroll records requirements as required by Section 7-1.01A(3), "Payroll Records," of the Standard Specifications.

The Contractor shall provide the personnel and equipment information not later than 11 days after the contract award for its own personnel and equipment, and not later than 5 days before start of work by any subcontractor for the labor and equipment data of that subcontractor.

The minimum data to be furnished shall comply with the following specifications:

DATA CONTENT REQUIREMENTS.--

A. The Contractor shall provide the following basic information for itself and for each subcontractor that will be used on the contract:

Caltrans contract ID	Alphanumeric; up to 15 characters.
Company name.	Alphanumeric; up to 30 characters.
Federal tax ID	Alphanumeric; up to 10 characters.
State contractor license	Alphanumeric; up to 20 characters.
Company type (prime or sub)	Alphanumeric; up to 10 characters.
Address (line 1).	Alphanumeric; up to 30 characters.
Address (line 2).	Alphanumeric; up to 30 characters.
Address (city).	Alphanumeric; up to 30 characters.
Address (2-letter state code).	Alphanumeric; up to 2 characters.
Address (zip code)	Alphanumeric; up to 14 characters.
Contact First Name.	Alphanumeric; up to 15 characters.
Contact Last Name	Alphanumeric; up to 20 characters.
Telephone number (with area code).	Alphanumeric; up to 20 characters.
Company code: short company name.	Alphanumeric; up to 10 characters.
Type of work (Department-supplied codes)	Alphanumeric; up to 30 characters.
DBE status (Department-supplied codes)	Alphanumeric; up to 20 characters.
Ethnicity for DBE status (Department-supplied codes).	Alphanumeric; up to 20 characters.
List of laborers to be used on this contract (detail specified below).	
List of equipment to be used on this contract (detail specified below).	

For example, one such set of information for a company might be:

04-072359
XYZ CONSTRUCTION, INC.
94-2991040
AL1649T
SUB
1240 9TH STREET
SUITE 600
OAKLAND
CA
94612
JOHN
SMITH
(510) 834-9999
XYZ
PAVING
MBE
BLACK

B. The Contractor shall provide the following information for each laborer who will be used on the contract:

Caltrans contract ID	Alphanumeric; up to 15 characters.
Company code (as defined above).	Alphanumeric; up to 10 characters.
Employee ID	Alphanumeric; up to 10 characters.
Last name.	Alphanumeric; up to 20 characters.
First name.	Alphanumeric; up to 15 characters.
Middle name.	Alphanumeric; up to 15 characters.
Suffix	Alphanumeric; up to 15 characters.
Labor trade (Department-provided codes).	Alphanumeric; up to 10 characters.
Labor classification (Department-provided codes).	Alphanumeric; up to 10 characters.
Regular hourly rate.	Alphanumeric; up to (6,2)
Overtime hourly rate.	Alphanumeric; up to (6,2)
Doubletime hourly rate	Alphanumeric; up to (6,2)
Standby hourly rate.	Alphanumeric; up to (6,2)
Ethnicity (Department-provided codes).	Alphanumeric; up to 20 characters.
Gender.	Alphanumeric; up to 1 characters.

For example, one such set of information might be:

04-072359
XYZ
1249
GONZALEZ
HECTOR
VINCENT
JR.
OPR
JNY
12.50
18.75
25.00
0.00
HISPANIC
M

C. The Contractor shall provide the following information for each piece of equipment that will be used on the contract:

Caltrans contract ID	Alphanumeric; up to 15 characters.
Company code (as defined above).	Alphanumeric; up to 10 characters.
Company's equipment ID number.	Alphanumeric; up to 10 characters.
Company's equipment description.	Alphanumeric; up to 60 characters.
Equipment type (from Department ratebook).	Alphanumeric; up to 60 characters.
Equipment make (from Department ratebook).	Alphanumeric; up to 60 characters.
Equipment model (from Department ratebook).	Alphanumeric; up to 60 characters.
Equipment rate code (from Department ratebook).	Alphanumeric; up to 10 characters
Regular hourly rate.	Alphanumeric; up to (6,2)
Overtime hourly rate.	Alphanumeric; up to (6,2)
Standby hourly rate	Alphanumeric; up to (6,2)
Idle hourly rate.	Alphanumeric; up to (6,2)
Rental flag.	Alphanumeric; up to 1 character.

For example, one such set of information might be:

04-072359
XYZ
B043
CAT TRACTOR D-6C
TRACC
CAT
D-6C
3645
75.00
75.00
0.00
0.00
N

DATA DELIVERY REQUIREMENTS.--

- A. All data described in "Data Requirements" of this section shall be delivered to the Department electronically, on 3 1/2" floppy disks compatible with the Microsoft Windows operating system. The Contractor shall provide a weekly disk and hard copy of the required correct updated personnel and equipment information for the Contractor and all the subcontractors and verified correct by the Engineer.
- B. Data of each type described in the previous section (contractor, labor, and equipment information) will be delivered separately, each type in one or more files on floppy disk. Any given file may contain information from one contractor or from multiple contractors, but only one type of data (contractor, labor, or equipment information).
- C. The file format for all files delivered to Caltrans shall be standard comma-delimited, plain text files. This type of file (often called "CSV") is the most standard type for interchange of formatted data; it can be created and read by all desktop spreadsheet and desktop database applications. Characteristics of this type of file are:
 - All data is in the form of plain ASCII characters.
 - Each row of data (company, person, equipment) is delimited by a carriage return character.
 - Within rows, each column (field) of data is delimited by a comma character.
- D. The files shall have the following columns (i.e., each row shall have the following fields):
 1. Contractor info: 17 columns (fields) as specified in "Data Requirements #1", above.
 2. Labor info: 15 columns (fields) as specified in "Data Requirements #2", above.
 3. Equipment info: 13 columns (fields) as specified in "Data Requirements #3", above.

For every one type of file, columns (fields) must be in the order specified under "Data Requirements", above. All columns (fields) described under "Data Requirements" must be present for all rows, even if some column (field) values are empty. The first row of each file must contain column headers (in plain text).

- E. Column (field) contents must conform to the data type and length requirements described in the "Data Requirement" section, above. In addition, column (field) data must conform to the following restrictions:
 1. All data shall be uppercase.
 2. Company type shall be either "PRIME" or "SUB".
 3. Labor trade and classification codes must conform to a list of standard codes that will be supplied by Department.
 4. Contractor type of work codes and DBE status codes must conform to a list of standard codes that will be supplied by Department.

5. Ethnicity codes must conform to standard codes that will be supplied by Department.
 6. Data in the "gender" column must be either "M" or "F".
 7. Data in the "rental equipment" column must be either "Y" or "N".
 8. Equipment owner's description may not be omitted. (The description, together with the equipment number, is how the equipment will be identified in the field.) Include manufacturer, rated capacity & trade description
 9. Equipment type, make, model, and ratebook code shall conform to the Department of Transportation Publication entitled "Labor Surcharge and Equipment Rental Rate", which is in effect on the date the work is performed. If the equipment in question does not have an entry in the book then alternate, descriptive entries may be made in these fields as directed by the Engineer.
- F. The name of each file must indicate its contents, e.g., "labor.csv" for laborers, "equipment.csv" for equipment, and "contractor.csv" for contractors. Each floppy disk supplied to Caltrans must be accompanied by a printed list of the files it contains with a brief description of the contents of each file.

PAYMENT.-- Payment for providing electronic mobile daily diary computer system data delivery will be made on a lump sum basis. The lump sum bid price for electronic mobile daily diary computer system data delivery will be made according to the following schedule:

The Contractor will receive not more than 2.1 percent per month of the total bid price for electronic mobile daily diary computer system data delivery. After the completion of the work, 100 per cent payment will be made for electronic mobile daily diary computer system data delivery less the permanent deduction, if any, for failure to deliver complete weekly electronic mobile daily diary computer system data in each month.

The contract lump sum price paid for electronic mobile daily diary computer system data delivery shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in electronic mobile daily diary computer system data delivery as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

The Department of Transportation will retain an amount equal to 25 percent of the estimated value of the work performed during the first estimate period in which the Contractor fails to submit electronic mobile daily diary computer system data delivery conforming to the requirements of this section, as determined by the Engineer. Thereafter, on subsequent successive estimate periods the percentage the Department will retain will be increased at the rate of 25 percent per estimate period in which acceptable electronic mobile daily diary computer system data have not been submitted to the Engineer. Retentions for failure to submit acceptable electronic mobile daily diary computer system data shall be additional to all other retentions provided for in the contract. The retention for failure to submit acceptable electronic mobile daily diary computer system data will be released for payment on the next monthly estimate for partial payment following the date that acceptable electronic mobile daily diary computer system data is submitted to the Engineer.

The adjustment provisions in Section 4-1.03, "Changes," of the Standard Specifications, shall not apply to the item of electronic mobile daily diary computer system data delivery. Adjustments in compensation for electronic mobile daily diary computer system data delivery will not be made for any increased or decreased work ordered by the Engineer in furnishing electronic mobile daily diary computer system data.

**ENGINEER'S ESTIMATE
04-143534**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81 (S-F)	750501	MISCELLANEOUS METAL (BRIDGE)	LB	48,000		
82	800360	CHAIN LINK FENCE (TYPE CL-6)	LF	230		
83	802620	16' CHAIN LINK GATE (TYPE CL-6)	EA	1		
84	820107	DELINEATOR (CLASS 1)	EA	4		
85	832001	METAL BEAM GUARD RAILING	LF	2,310		
86	839565	TERMINAL SYSTEM (TYPE SRT)	EA	4		
87	839568	TERMINAL ANCHOR ASSEMBLY (TYPE SFT)	EA	4		
88	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	380		
89	840656	PAINT TRAFFIC STRIPE (2-COAT)	LF	16,900		
90	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	700		
91	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	510		
92 (S)	021212	TRAFFIC OPERATIONS SYSTEM AND LIGHTING	LS	LUMP SUM	LUMP SUM	
93 (S)	021213	MODIFY LIGHTING (CITY STREET)	LS	LUMP SUM	LUMP SUM	
94	BLANK					
95	020627	ELECTRONIC MOBILE DAILY DIARY SYSTEM DATA DELIVERY	LS	LUMP SUM	LUMP SUM	
96	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____