

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
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*Flex your power!
Be energy efficient!*

November 12, 2009

04-SF-80-12.7/13.2
04-0120S4

Addendum No. 8

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN THE CITY AND COUNTY OF SAN FRANCISCO FROM THE YERBA BUENA TUNNEL TO 0.6 KM EAST OF YERBA BUENA TUNNEL.

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, December 15, 2009.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions and the Bid book.

Project Plan Sheets 18, 184, 193, 194, 229, 550, 551, 552, 553, 554, 567, 569, 570, 571, 572, 573, 574, 575, 578, 579, 580, 582, 589, 591, 592, 593, 594, 595, 598, 602, 605, 614, 615, 619, 620, 621, 633, 634, 636, 639, 645, 646, 647, 792, 794, 796, 803, 804 and 805 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 574A, 581A, 591A, 593A, 594A, 594B, 621A and 646A are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, "NOTICE TO BIDDERS," the eighth and ninth paragraphs are revised as follows:

"Complete the work within 1390 working days.
The estimated cost of this project is \$135,000,000."

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

In the Special Provisions, Section 5-1.11, "AREAS FOR CONTRACTOR'S USE," the third paragraph is revised as follows:

"The Contractor's attention is directed to "Cooperation," of these special provisions, and the Contractor shall use only the designated areas for Contractor's use as specified in this section, and as shown on the plans and as follows:

1. Area PR: is not available for the 04-0120S4 Contractor's use until December 13, 2010 unless otherwise approved by the Engineer. After said date, Contractor shall permit access by others if directed by the Engineer.
2. Area FP: is not available for the 04-0120S4 Contractor's use until October 31, 2012 unless otherwise approved by the Engineer. After said date, Contractor shall permit access by others if directed by the Engineer.
3. Area PRA: is not available for the 04-0120S4 Contractor's use until September 1, 2010 unless otherwise approved by the Engineer. After said date, Contractor shall permit access by others if directed by the Engineer."

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In the Special Provisions, Section 5-1.11, "AREAS FOR CONTRACTOR'S USE," the following paragraph is added after the seventh paragraph.

"The Contractor shall pay the appropriate fair share of the costs for security at pier 7 and the construction zones at Yerba Buena Island. The Contractor's fair share of the security costs for both areas is not expected to exceed \$16,000 per month."

In the Special Provisions, Section 10-1.59, "CONCRETE STRUCTURES," the fifth paragraph is deleted.

In the Special Provisions, Section 10-3.09, "CONDUCTORS, CABLES, AND WIRING," after subsection "TESTING," the following subsection "Cable Pulling" is added as follows:

"Cable Pulling

The Contractor shall be pull conductors by hand, or by mechanical aids, such as winches or other power actuated pulling equipment, if permitted. Prior to installation of conductors by mechanical aids, the Contractor shall test the conductors in accordance with Section 10-3.09, "Conductors, Cables, and Wiring," of the special provisions. The Contractor shall submit the manufacturer's recommended procedures for pulling the conductors to the Engineer for review and approval at least 20 days prior to installing the conductors.

If a mechanical aid is allowed then a tension measuring devise or breaking swivel shall be placed between the end of the conductor grip and pull rope to ensure that the tension does not exceed 100 percent of recommended tension. The mechanical aid shall have a ball bearing swivel to prevent the conductors from twisting during installation."

In the Bid book, in the "Bid Item List," Items 6, 90 and 110 are revised as attached.

To Bid book holders:

Replace pages 3, 7 and 8 of the "Bid Item List" in the Bid book with the attached revised pages 3, 7 and 8 of the Bid Item List. The revised Bid Item List 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 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.

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

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-0120S4

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

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

The 1st working day is the 15th day after contract approval.

The second through fourth paragraphs, inclusive, and the first sentence of the fifth paragraph of Section 8-1.06, "Time of Completion," of the Standard Specifications shall not apply. A working day is defined as any day, with no exceptions.

Do not start construction operations at the job site until Area PRA is made available to the Contractor as specified in "Areas for Contractor's Use," of these special provisions unless otherwise approved in writing by the Engineer.

The Department grants a time extension if a delay is beyond your control and prevents you from starting work at the job site should the areas for contractor's use not be available as specified in "Areas for Contractor's Use" of these special provisions.

Do not start work at the job site, except for measuring controlling field dimensions and locating utilities, until the Engineer approves your submittal for:

1. Baseline Progress Schedule (Critical Path Method)
2. Storm Water Pollution Prevention Plan (SWPPP)
3. Notification of Dispute Review Board (DRB) nominee and disclosure statement
4. Working Drawing Submittal as specified in "Working Drawing Submittal" of these special provisions:
 - a. All falsework, shoring, and excavation plans
 - b. All fabrication working drawings
 - c. All concrete mix designs
 - d. All integrated shop drawings
 - e. All pile related submittals including fabrication working drawings

In addition to the above submittals, do not start work at the job site, except for measuring controlling field dimensions and locating utilities, until you submit:

1. Notice of Materials To Be Used.
2. Contingency plan for reopening closures to public traffic.
3. Written statement from the vendor that the order for the sign panels has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.
4. Written statement from the vendor that the order for electrical material has been received and accepted by the vendor. The statement must show the dates that the materials will be shipped.

Complete the work within 1390 working days, in accordance with the following designated portions of work as specified:

Designated Portion of Work 1: All structural, electrical, mechanical, underground work required to complete westbound and eastbound Route 80 structures to the construction joint shown on the plans.

The following items are excluded from the work required to complete designated portion of work 1:

- a. Hinge W7LA
- b. Hinge W6RB
- c. Route 80 on-ramp spine extension, concrete barriers, lighting, roadside signs and overhead sign structures, and the bike path structure.

The designated portion of work 1 shall be diligently prosecuted to completion before the expiration of **970** working days starting on the 15th day after contract approval.

Liquidated damages are \$50,000 per day starting on the 1st day after exceeding the above specified number of working days for completion of the designated portion of work 1.

Designated Portion of Work 2: Ready for traffic on westbound Route 80, westbound on-ramp, and westbound off-ramp (Left) structures.

The work includes but is not limited to the required completion of the westbound Route 80, westbound on-ramp, and westbound off-ramp; structures and roadway, electrical and lighting system, roadside signs and overhead sign structures, call boxes, and mechanical system.

The designated work shall be diligently prosecuted to completion before the expiration of 180 working days after completion of the designated work portion 1.

Liquidated damages are \$100,000 per day starting on the 1st day after exceeding the above specified number of working days for completion of the designated portion of work 2.

Designated Portion of Work 3: Ready for traffic on eastbound Route 80 and temporary eastbound on-ramp structure and roadway.

The work includes but is not limited to the required completion of the eastbound Route 80 and temporary eastbound on-ramp; structures and roadway, electrical and lighting system, roadside signs and overhead sign structures, call boxes, and mechanical system.

The designated work shall be diligently prosecuted to completion before the expiration of 360 working days after completion of the designated portion of work 1.

Liquidated damages are \$100,000 per day starting on the 1st day after exceeding the above specified number of working days for completion of the designated portion of work 3.

Designated Portion of Work 4: Complete all remaining work.

The designated work shall be diligently prosecuted to completion before the expiration of 420 working days after completion of the designated portion of work 1.

Liquidated damages are \$13,400 per day starting on the 1st day after exceeding the above specified number of working days for completion of the designated portion of work 4.

Should two or more liquidated damages accrue concurrently, no more than \$100,000 per day will be assessed.

It is anticipated that water will be available in sufficient quantities for the prosecution of the work. However, water shortages may occur during the life of the contract. Arrangements or commitments obtained by the Department are not a part of the contract. It is expressly understood and agreed that the Department assumes no responsibility to the bidder or Contractor whatsoever in respect to the arrangements made with the source. The Contractor shall assume all risks in connection with the use of the source and the terms upon which the use shall be made. There is no warranty or guaranty, either expressed or implied, to the quantity of water that can be obtained from the source. If the Department has compiled "Materials Information", as referred to in "Watering" of these special provisions, the bidder or Contractor is cautioned to make independent investigations and obtain the commitments or allocations as the bidder or Contractor deems necessary to verify the quantity of water available. The Contractor shall make arrangements or obtain commitments or allocations necessary to provide water for the project.

During the progress of the work, if water becomes unavailable or unavailable in the quantities needed for prosecution of the work, the unavailability of water will be considered a "shortage of materials" in conformance with the provisions in Section 8-1.07, "Liquidated Damages," of the Standard Specifications except for compensation. The Contractor will be granted an extension of time and will not be assessed with liquidated damages for any portion of the delay in completion of the work beyond the time shown above for the completion of the work caused by the unavailability of water, provided the Contractor notifies the Engineer and furnishes proof of the "shortage of materials" as required in the third and fourth paragraphs in Section 8-1.07, "Liquidated Damages," of the Standard Specifications. If the Contractor sustains delay costs or damages which could not have been avoided by the judicious handling of forces, equipment and plant, there shall be paid to the Contractor the amount the Engineer may find to be a fair and reasonable compensation for the part of the Contractor's actual loss, as, in the opinion of the Engineer, was unavoidable, determined in the same manner as provided for right of way delays in Section 8-1.09, "Right of Way Delays," of the Standard Specifications. The Contractor shall be entitled to no other compensation for such delay. The provisions in Section 5-1.116, "Differing Site Conditions," of the Standard Specifications shall not apply to the unavailability of water.

**BID ITEM LIST
04-0120S4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	014828	PHOTO SURVEY OF EXISTING FACILITY	LS	LUMP SUM	LUMP SUM	
2	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	LUMP SUM	LUMP SUM	
3	014829	DOCUMENT MANAGEMENT SYSTEM	LS	LUMP SUM	LUMP SUM	
4	014830	ELECTRONIC MOBILE DAILY DIARY SYSTEM DATA DELIVERY	LS	LUMP SUM	LUMP SUM	
5	014831	WORKING DRAWING SUBMITTAL	LS	LUMP SUM	LUMP SUM	
6	070018	TIME-RELATED OVERHEAD	WDAY	1390		
7	071325	TEMPORARY FENCE (TYPE ESA)	M	530		
8	074016	CONSTRUCTION SITE MANAGEMENT	LS	LUMP SUM	LUMP SUM	
9 (S)	074018	HEALTH AND SAFETY PLAN	LS	LUMP SUM	LUMP SUM	
10 (S)	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
11	074029	TEMPORARY SILT FENCE	M	410		
12	074031	TEMPORARY GRAVEL BAG BERM	M	200		
13	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	5		
14	074034	TEMPORARY COVER	M2	1130		
15	074035	TEMPORARY CHECK DAM	M	39		
16 (S)	074037	MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	4		
17	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	13		
18 (S)	074040	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	M2	4500		
19	074041	STREET SWEEPING	LS	LUMP SUM	LUMP SUM	
20	074043	TEMPORARY CONCRETE WASHOUT BIN	EA	200		

**BID ITEM LIST
04-0120S4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	490566	FURNISH STEEL PILING (HP 360 X 132)	M	9201		
82 (S)	490567	DRIVE STEEL PILE (HP 360 X 132)	EA	760		
83	041500	FURNISH STEEL PILING (W 360 X 196)	M	1558		
84 (S)	041501	DRIVE STEEL PILE (W 360 X 196)	EA	96		
85	041502	FURNISH STEEL PIPE PILING (762 MM)	M	33		
86 (S)	041503	DRIVE STEEL PIPE PILE (762 MM)	EA	2		
87 (S)	041504	PRESTRESSING CAST-IN-PLACE CONCRETE (LONGITUDINAL)	LS	LUMP SUM	LUMP SUM	
88 (S)	041505	PRESTRESSING CAST-IN-PLACE CONCRETE (TRANSVERSE)	LS	LUMP SUM	LUMP SUM	
89 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	2876		
90 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	32 890		
91 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	296		
92 (F)	041506	STRUCTURAL CONCRETE, APPROACH SLAB, (TYPE EQ (3) MOD)	M3	27		
93 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	98		
94 (F)	041507	MINOR CONCRETE (CONCRETE BALLAST)	M3	36		
95 (S-F)	041508	FURNISH PRECAST CONCRETE SLAB (BIKEPATH)	EA	34		
96 (S-F)	041509	ERECT PRECAST CONCRETE SLAB (BIKEPATH)	EA	34		
97 (F)	515041	FURNISH POLYESTER CONCRETE OVERLAY	M3	6		
98 (F)	515042	PLACE POLYESTER CONCRETE OVERLAY	M2	280		
99 (S-F)	041510	FURNISH POLYESTER CONCRETE OVERLAY (50MM)	M3	38		
100 (S-F)	041511	PLACE POLYESTER CONCRETE OVERLAY (50MM)	M2	765		

**BID ITEM LIST
04-0120S4**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101 (S)	518051	PTFE SPHERICAL BEARING	EA	10		
102 (S-F)	041512	INSTALL HINGE K BEARING ASSEMBLY	EA	4		
103 (S)	519128	JOINT SEAL ASSEMBLY (MR 100 MM)	M	12		
104 (S)	041513	SEISMIC JOINT (BENT W10AL)	LS	LUMP SUM	LUMP SUM	
105 (S)	041514	SEISMIC JOINT (HINGE W7LA)	LS	LUMP SUM	LUMP SUM	
106 (S)	041515	SEISMIC JOINT (HINGE KW)	LS	LUMP SUM	LUMP SUM	
107 (S)	041516	SEISMIC JOINT (ABUT W11R)	LS	LUMP SUM	LUMP SUM	
108 (S)	041517	SEISMIC JOINT (HINGE W6RB)	LS	LUMP SUM	LUMP SUM	
109 (S)	041518	SEISMIC JOINT (HINGE KE)	LS	LUMP SUM	LUMP SUM	
110 (S-F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	6 357 100		
111 (S-F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	37 262		
112 (S-F)	520120	HEADED BAR REINFORCEMENT	EA	224		
113 (F)	550203	FURNISH STRUCTURAL STEEL (BRIDGE)	KG	27 840		
114 (F)	550204	ERECT STRUCTURAL STEEL (BRIDGE)	KG	27 840		
115 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	30 051		
116 (S-F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	30 051		
117 (F)	562002	METAL (BARRIER MOUNTED SIGN)	KG	1597		
118	566011	ROADSIDE SIGN - ONE POST	EA	7		
119 (S)	590115	CLEAN AND PAINT STRUCTURAL STEEL	LS	LUMP SUM	LUMP SUM	
120 (S)	041519	CLEAN AND PAINT (MISCELLANEOUS FACILITIES)	LS	LUMP SUM	LUMP SUM	