

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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*Serious Drought.  
Help save water!*

January 16, 2014

04-SF,Ala-80-8.6/8.9, 0.0/1.2

04-013524

Project ID 0412000608

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN THE CITY AND COUNTY OF SAN FRANCISCO AND ALAMEDA COUNTY FROM 0.8 MILE EAST OF THE YERBA BUENA TUNNEL TO 0.8 MILE WEST OF THE TOLL PLAZA.

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, March 4, 2015, instead of Wednesday, February 4, 2015.

This addendum is being issued to set a new bid opening date as shown herein and revise the *Notice to Bidders* and *Special Provisions*, and the *Information Handout*.

In the *Notice to Bidders*, the twelfth paragraph is replaced as follows:

"Complete Work Part 2 under Section 8-1.10B within 240 working days."

In the *Special Provisions*, Section 2-1.05E, the third paragraph is replaced as follows:

"The 2nd low, 3rd low, and 4th low bidders will each receive \$250,000 as compensation for a portion of the costs in preparing a responsive bid."

In the *Special Provisions*, Section 3-1.04 is deleted.

In the *Special Provisions*, Section 4,"SCOPE OF WORK," is added as follows:

**"4 SCOPE OF WORK**

**Replace item 4 in the list in the 9th paragraph of section 4-1.07B with:**

4. Obligates the Department to pay you 50 percent of the estimated net savings, except for VECP for the bird protection bid item. The Department will pay you 60 percent of estimated net savings for VECP for the bird protection bid item."

In the *Special Provisions*, Section 5-1.20A is replaced as attached.

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In the Special Provisions, Section 8-1.10B is replaced as attached.

In the Special Provisions, Section 14-6.03C(1), the fourth paragraph is replaced as follows:

"During bridge removal activities, no more than 50 feet of the underside of the bridge measured from the removal end may be exposed to bird access. If truss lowering or similar removal method is used, you may remove the suspended scaffolding 7 days before truss removal starts. Use alternate bird deterrent methods to prevent bird nesting after the suspended scaffolding is removed. Include alternate bird deterrent methods in the Bird Deterrence Plan."

In the Special Provisions, Section 48-3.01A, the third paragraph is replaced as follows:

"Piling submittals, materials and construction must comply with the requirements under Section 48-6."

In the Special Provisions, Section 48-6 is replaced as attached.

The *Information Handout* "Technical Report - 504/288 Contract, Nesting Bird Deterrence Measures dated September 2014" 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*.

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

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/04/04-013524](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/04/04-013524)**

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: BIJAN SARTIPI  
District Director

Attachments

**Add to section 5-1.20A:**

During the progress of the work under this Contract, work under the following contracts may be in progress at or near the job site of this Contract:

**Coincident or Adjacent Contracts**

Contract no.	County–Route–Post Mile	Location	Type of work
04-0120F4	04-SF-80-KP 13.2/ KP 13.9	San Francisco	Construct Self-Anchored Suspension Bridge Superstructure.
04-0120T4	04-SF-80-KP 12.9/ KP 13.2	San Francisco	Construct Yerba Buena Island Structures and demolish the existing SFOBB cantilever span.
04-013504	04-SF-80-KP 12.9/ KP 13.2	San Francisco	Landscape on Yerba Buena Island
04-3A6404	04-SF-80-KP 12.3/13.2	San Francisco	Construct westbound ramps
04-0120N4	04-SF-80-SF/Ala-KP 12.6/KP 2.7	San Francisco/Oakland	Install electrical systems.
04-013534	04-SF-80-SF/Ala PM 8.2/PM 1.2	San Francisco/Oakland	Remove marine foundations
04-0120M4	04-Ala-80-KP 1.6/KP 2.7	Oakland	Construct Oakland Touchdown Westbound Roadway and Eastbound Structures and Roadway
04-014084	04-Ala-80-PM 2.2	Oakland	Construct Maintenance Buildings
04-014104	04-Ala-80-PM 2.3	Oakland	Construct New Warehouse (Maintenance Building)
04-1J2904	04-Ala-80-PM 0.8/1.0	Oakland	Oakland Army Base Redevelopment

Do not access the bridge decks until August 1, 2015, except to measure controlling field dimensions and locate utilities. Coordinate access to the bridge with the Engineer.

Do not begin steel truss or lower deck removal, except for AC surfacing removal, until November 1, 2015.

Upper deck has no access from Maintenance Road.

Only the lower deck has access to Maintenance Road through Oakland Approach Structure.

Provide and maintain one 24 foot wide traffic lane on the lower deck for the use of the adjacent contractor removing the cantilever truss from August 1, 2015 to November 1, 2015.

Do not access area west of Pier E4 until February 1, 2016.

**Add to section 8-1.10B:**

Liquidated damages for not completing the work parts and vacating the areas within the number of working days are shown in the table:

Work Parts No.	Removal Limits	Working days	Liquidated Damages
1	Pier E4 to Pier E6 (excluding Pier E6 removal)	260 From start of job site activities	\$5,000 per day \$150,000 Maximum
2	Pier E6 to Pier E13 (excluding Pier E13 removal)	240 After Work Part No.1 Completion	\$5,000 per day \$150,000 Maximum

**Replace section 48-6 with:  
48-6 ESTABLISH MARINE ACCESS**

**48-6.01 GENERAL**

**48-6.01A Summary**

Section 48-6 includes specifications for furnishing, erecting, maintaining and removing barges, trestles and other facilities to establish marine access to the job site.

Use no more than 700 piles for all temporary access facilities.

Use an area of no more than 96,000 square feet for temporary access facilities.

Comply with:

1. Section 2-1.06B including Information Handouts regarding PLACs
2. Section 5-1.20B
3. Section 14-6.02
4. Section 48-7
5. Section 48-8

Work in section 48-6 is separate from and in addition to the work specified in section 9-1.16D.

**48-6.01B Submittals**

Submit shop drawings of any access trestle and other temporary facilities. Shop drawings must include design calculations. All design calculations must be independently checked by another registered civil engineer. The shop drawing submittal must include certifications by the Contractor's engineer and the check engineer that the working drawings comply with all contract requirements and are adequate for the purpose intended.

Allow 30 days for the Engineer's review. The Engineer's approval will not be required for working drawings of temporary access facilities.

Within 45 days after contract approval, submit a work plan for marine pile installation for the Engineer's review. Include schedule and methods for pile installation in compliance with project permits issued by the United States Coast Guard (USCG) in section 2-1.06B. Allow 30 days for the Engineer's review.

**48-6.02 MATERIALS**

Use hollow steel shell piles less than or equal to 36 inches in diameter, or H-piles. H piles cross-sectional dimensions must be such that the pile can fit inside a 36 inch steel shell pile.

**48-6.03 CONSTRUCTION**

Use vibratory hammer to install piles not less than 50 percent of the pile length.

No more than ten percent of the piles installed with a vibratory hammer may be proof tested with an impact hammer without the use of a marine pile driving energy attenuator

No more than two piles per day may be proof tested with an impact hammer. Proof testing of piles will be limited to less than 1 minute per pile, administering a maximum of twenty blows per pile.

All impact pile driving that is below the Mean Higher High Water line will be restricted to the period between June 1st and November 30th, except for pile proof testing.

Use marine pile driving energy attenuator during all impact driving of piles, except for pile proof testing.

Stop pile driving when underwater sound pressure levels exceed:

1. A 206 dB peak referenced to 1 micro Pascal at a distance greater than 33 feet from the pile being impact driven or proof tested.
2. A 187 dB cumulative sound exposure level referenced to 1 micro Pascal at a distance greater than 112 feet from the pile being impact driven.
3. A 187 dB cumulative sound exposure level referenced to 1 micro Pascal at a distance greater than 62 feet from the pile being proof tested.
4. A 150 dB root mean square referenced to 1 micro Pascal at a distance greater than 1305 feet from the pile being impact driven.
5. A 150 dB root mean square referenced to 1 micro Pascal at a distance greater than 13061 feet from the pile being proof tested.

No more than 20 piles may be installed per day with the use of an impact hammer.

Notify the Engineer at least 30 days before activities start below the Mean Higher High Water line. Provide the estimated start time and duration the day before the activities start.

#### **48-6.03A Removal**

Comply with the specifications under section 5-1.36 and section 5-1.20D.

#### **48-6.04 PAYMENT**

Progress payments for establish marine access will be based on the authorized schedule of values. The Department will not adjust payments for this bid item.

Submit schedule of values including the following:

1. Quantities required to complete the work
2. Materials and installation method, and a minimum initial mobilization for establish marine access
3. Marine pile driving energy attenuators, if required