

DEPARTMENT OF TRANSPORTATION

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November 13, 2002

04-SF-80-13.2
04-0120C4

Addendum No. 5

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in IN SAN FRANCISCO COUNTY IN SAN FRANCISCO AT YERBA BUENA ISLAND.

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 November 19, 2002.

This addendum is being issued revise the Notice to Contractors and Special Provisions.

In the Special Provisions, Section 10-1.28, "EARTHWORK," the following paragraphs are added after the fourth paragraph:

"Excavation for footings shall be performed in such a manner that the concrete for the footings, when placed, shall be against firm, undisturbed material on the bottom and sides of the excavation, at or outside of the neat lines of the footings.

Pressure grouting into native material shall not be used.

Excavations shall be dewatered for the Engineer's inspection prior to placement of footing reinforcement and also prior to and during footing concrete placement.

Attention is directed to "Non-Storm Water Discharges," of these special provisions regarding dewatering operations.

Shoring, lagging, casings, liners (including rock bolts, wire mesh, and shotcrete) or other bracing shall be furnished and placed to adequately support the excavation.

Rock bolts, wire mesh, and shotcrete may remain in place above the top of the footing.

All shoring and bracing, except for rock bolts, shall be removed within the footing area, prior to placing footing concrete.

The limits of payment for structure excavation (bridge) shall be as follows:

- A. The bottom limit shall be the bottom of the foundation excavation in the completed work.
- B. The upper and horizontal limits shall be as shown on the plans.

Full compensation for furnishing, placing, and removing or leaving the bracing for the excavation in place as permitted herein, and for removing material from outside the limits of payment for structure excavation (bridge) shall be considered as included in the contract price paid per cubic meter for structure excavation (bridge) and no additional compensation will be allowed therefor."

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In the Special Provisions, Section 10-1.28, "EARTHWORK," subsection "BLASTING," under "Vibration Control and Monitoring," the fourth paragraph is revised as follows:

"The Contractor shall provide vibration monitoring at the following locations:

- A. Existing E1 pier of San Francisco-Oakland Bay Bridge
- B. Torpedo Building (Building 262)
- C. Navy Building 1
- D. Coast Guard Building 27"

In the Special Provisions, Section 10-1.28, "EARTHWORK," subsection "BLASTING," under "Vibration Control and Monitoring," the following paragraph is added after the seventh paragraph:

"Marine Environment Protection

Sound Pressure Level (SPL) due to blasting shall not be greater than 180 dB (decibels) in the water at a distance of 10 meters from any point on the shoreline at Yerba Buena Island. The Contractor shall design blasting plan to meet SPL performance limitations and shall perform trial blasts to select allowable charge weights per delay based on measured values of SPL. The Engineer will conduct acoustical monitoring and marine mammal monitoring during all blasting activities. The safe distance for marine mammals due to blasting affects is herein referred to as the Marine Mammal Safety Zone (MMSZ). The MMSZ will be established at a 500-meter circumference from the blasting site, and may be decreased in size based on results of acoustical monitoring. The purpose of the marine mammal monitoring is to prohibit blasting activity if marine mammals are present within the MMSZ. The marine mammal monitoring shall commence at least 15 minutes before blasting begins. The Engineer will have the sole discretion to direct Contractor with approval to proceed with blasting operation prior to each and every blast."

To Proposal and Contract book holders:

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. 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 office is sending this addendum by confirmed facsimile to all 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 JEFF DeFEVERE for:

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