STATE OF CALIFORNIA-BUSINESS, TRANSPORTATION AND HOUSING AGENCY GRAY DAVIS, Governor
DEPARTMENT OF TRANSPORTATION
ESC/OE MS #43
1737 30TH. Street 2ND. Floor
SACRAMENTO, CA 945816

October 7, 1999

04-SM,Ala-92-R26.4/R30.2,R0.0/R4.3
04-045014

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SAN MATEO AND ALAMEDA COUNTIES IN FOSTER CITY AND HAYWARD FROM 3.8 km WEST OF THE COUNTY LINE TO 0.4 km EAST OF THE SAN MATEO-HAYWARD BRIDGE 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 October 13, 1999.

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

On Project Plan Sheet 152, the note "Relocate Seismic Instrumentation, see 'Road Plans'" is revised as follows:

"Relocate Seismic Instrumentation as directed by the Engineer"

On Project Plan Sheet 266, "SECTION F-F", the note "#19 X 1000 dowel, tot 4 per Voided Slab, 2 @ each end" is revised as follows:

"#19 X 1000 dowel, tot 6 per voided slab, 3 @ each end"

In the Special Provisions, Section 10-1.02, "ORDER OF WORK", the following paragraph is added:

"Before production piles are cast, manufactured, fabricated, cut to length or driven for the control location, static load testing and dynamic monitoring of piles for the location shall be completed."

In the Special Provisions, Section 10-1.02, "ORDER OF WORK", subsection "DESIGNATED PORTION OF THE WORK", the second paragraph is deleted.

In the Special Provisions, Section 10-1.16, the section title "ELECTRONIC MOBILE DAILY DIARY SYSTEM DATA DELIVERY" is revised to "ELECTRONIC MOBILE DAILY DIARY COMPUTER SYSTEM DATA DELIVERY".

In the Special Provisions, Section 10-1.33, "PILING", subsection "INSTALLATION", the six and seventh paragraphs are revised as follows:

"The final position of the pile with a diameter of 1065 mm shall not deviate more than 25 mm in any direction.

The final position of the pile with a diameter of 610 mm shall not deviate more than 20 mm in any direction."

In the Special Provisions, Section 10-1.33, "PILING", subsection "INSTALLATION", the following two paragraphs are added after the last paragraph:

"In accordance with Standard Specifications Section 5-1.09, "Removal of Rejected and Unauthorized Work," any work done beyond the lines and grades shown on the plans or established by the Engineer shall be considered unauthorized work and will not be paid for. As unauthorized work, piling placed outside of the tolerance specified in the contract shall be remedied, or removed and replaced by the Contractor in an acceptable manner and no compensation will be allowed therefore.

If the Contractor proposes to remedy the work by proposing changes to the contract to incorporate piles placed outside of specified tolerances, the Contractor, at his or her own expense, shall submit alternate design details for the Engineer's consideration and approval. All costs and delays associated with such a proposed remedy shall be the responsibility of the Contractor."

In the Special Provisions, Section 10-1.36, "CONCRETE STRUCTURES", subsection "GENERAL", the following paragraph is added after the second paragraph:

"Bar reinforcing steel for use in precast bent caps shall conform to the provisions in "Epoxy-coated Prefabricated Reinforcement," elsewhere in these special provisions."

To Proposal and Contract book holders:

- ATTACHED ARE THE DEPARTMENT'S RESPONSES TO THE CONTRACTORS' INQUIRIES. THE RESPONSES TO CONTRACTORS' INQUIRIES, UNLESS INCORPORATED INTO A FORMAL ADDENDA TO THE CONTRACT, ARE NOT A PART OF THE CONTRACT AND ARE PROVIDED FOR THE CONTRACTORS' 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 CONTRACTORS' 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 PROVISIONS 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.

- 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 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

NICK YAMBAO, Chief
Office of Plans, Specifications &
Estimates
Division of Office Engineer

Attachment

04-045014

CONTRACTOR'S INQUIRY RESPONSE

October 5, 1999

CALTRANS TOLL BRIDGE RETROFIT PROGRAM ADDRESS

The responses to bidder' inquiries, unless incorporated into a 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 responses may be considered along with all other information furnished to prospective bidders for the purpose of bidding on the project. The availability or use of information provided in the responses to contractors' 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.

The Caltrans District 4 Office is located at 111 Grand Avenue, Oakland, Ca 94612. The mailing address is P.O. Box 23660, Oakland, Ca 94623-0660. The Duty Senior telephone number is (510) 286-5209, and the fax number for Contractor's inquiries submittals is (510) 286-5171.

1. I am not able to make contact with anyone at the Plans and Bid Documents 916-654-4490. I would like to obtain a copy of the Permits and Licenses obtained by Caltrans from the US Coast Guard and the San Francisco Bay Conservation and Development Commission (BCDC) as referenced in the Specs 5-1.32. Would be able to e-mail or fax me a copy of these permits.

Copies of these permits can be obtained at the Department of Transportation, Plans and Bid Documents, Room 0200, Transportation Building, 1120 N Street, P.O. Box 942874, Sacramento, California 94274-0001, Telephone No. (916) 654-4490, or may be **seen** at Toll Bridge Program Duty Senior's Desk, 111 Grand Avenue, Oakland, California 94612-3717. As a courtesy A copy of BCDC Permit and USCG Permit may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet, or by presenting receipts of $3.90 and $0.90 from District 4, Cashier's Office respectively to the Duty Senior for a copy of each complete document. Please call the Toll Bridge Program Duty Senior, Telephone No. (510) 286-5549, to reserve copies at least 24 hours in advance.

2. Please reserve 4 spaces for the September 9, 1999 site tour of the San Mateo Bridge Widening.

Done.

3. Please reserve a place for one representative from xxxxxxxx xxxxxx on the September 9 site visit. Will the itinerary be the same as the one posted for the September 2 site visit?

Done. The itinerary for all site visits will be the same.

4. Please be informed that undersigned like to make reservations for the site visit on 09-09-1999.

Done.

5. We would like to make a reservation to attend the site visit on September 9, 1999.

Done.

6. As discussed with you yesterday we would like to change our requested site visit date for the San Mateo Bridge Widening to Wednesday (9/1/99). Please confirm.

The dates available for site visits have been posted.

7. Where can I get a copy of the U.S. Coast Guard Checklist referenced in Section5-1.15?

Copies of the Checklist may be obtained at the Department of Transportation, Plans and Bid Documents, Room 0200, Transportation Building, 1120 N Street, P.O. Box 942874, Sacramento, California 94274-0001, Telephone No. (916) 654-4490, and are available for inspection at the Toll Bridge Program Duty Senior at District 04 Office, 111 Grand Avenue, Oakland, California 94612, telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. As a courtesy to the bidders for project a copy of the U.S. Coast Guard checklist for San Mateo-Hayward Bridge Trestle Widening Project may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet. Presenting a receipt of $0.40 from District 4, Cashier's Office to the Toll Bridge Duty Senior may pick up the document. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

8. Where can I get a copy of the "Materials Information Handouts" as referenced in Section 5-1.24?

Caltrans provides all bidders a copy of the "Material Information Handouts." Non-bidder plan holders can request a copy of the "Material Information Handouts," by calling (916) 654-4490. If a person does not answer, please follow the directions to leave a message. A Caltrans representative will call you back. The same information is available for inspection and review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612. Please call (510) 286-5549 to make an appointment.

9. I would like to have a copy of the CSWPPP. Are they available?

Yes, they are available. Copies of the CSWPPP are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, and telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. As a courtesy to the bidders for the project, a copy of the CSWPPP for San Mateo-Hayward Bridge Trestle Widening Project may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet. By presenting a receipt of $10.00 from District 4, Cashier's Office to the Toll Bridge Duty Senior, pick up a personnel copy of the document. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

10. Where can I get a copy of the "Foundation Recommendations and the "Information Handout" referenced in Section 10-1.33?

Foundation Recommendations are included within the contents of the "Material Information Handouts." Caltrans provides all bidders a copy of the "Material Information Handouts." Non-bidder plan holders can request a copy of the "Material Information Handouts," by calling (916) 654-4490. If a person does not answer, please follow the directions to leave a message. A Caltrans representative will call you back. The same information is available for inspection and review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612. Please call (510) 286-5549 to make an appointment.

11. I have been unable to reach a live voice by way of calling 916/654-4490 and am hoping you can help me.

Morrison Knudsen is interested in bidding on the San Mateo Bridge widening job, contract 04-045014. In the job's specifications, there are references to a permit, a checklist, and test results. Is there a listing that includes these items as well as other items we should obtain? If so, we would like to obtain a copy.

If not, we request a copy of the following items:

1. San Francisco Bay Conservation Development Commission (BCDC) - - permit issued by them covering work to be performed under this contract

2. U.S. Coast Guard, 12th District - - U.S. Coast Guard Checklist

3. "Sediment Sampling Analysis Report - San Mateo Hayward Trestle Widening"

Copies of BCDC permit can be obtained at the Department of Transportation, Plans and Bid Documents, Room 0200, Transportation Building, 1120 N Street, P.O. Box 942874, Sacramento, California 94274-0001, Telephone No. (916) 654-4490, or may be **seen** at Toll Bridge Program Duty Senior's Desk, 111 Grand Avenue, Oakland, California 94612-3717.

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Copies of U.S. Coast Guard Checklist are available for review at the Toll Bridge Program Duty Senior's Desk, 111 Grand Avenue, Oakland, California 94612-3717. As a courtesy, a copy of BCDC Permit and USCG checklist may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet, or by presenting receipts of $3.90 and $0.40 from District 4, Cashier's Office to the Duty Senior for a copy of each complete document. Please call the Toll Bridge Program Duty Senior, Telephone No. (510) 286-5549, to reserve copies at least 24 hours in advance.

Copies of the "Sediment Sampling Analysis Report - San Mateo Hayward Trestle Widening," are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. As a courtesy to the bidders for the project a copy of the CSWPPP for San Mateo-Hayward Bridge Trestle Widening Project may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet. By presenting a receipt of $9.60 from District 4, Cashier's Office to the Toll Bridge Duty Senior, pick up a personnel copy of the document. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

12. My name is Brad Kaufman and I am with Kiewit Pacific Co. We are bidding the San Mateo Bridge Widening Project. I would like to arrange for a site visit to the San Mateo Bridge Widening Job. I would like to set it up for Friday 8/27/99 at 9:00am. We will have about 6 people.

The dates available for site visits have been posted. Reservations were confirmed for 9/2/1999.

13. We will be bidding on the above-referenced project (San Mateo-Hayward Bridge Widen, Contract No 04-045014) as a prime contractor in Joint Venture with another company, and both companies are prequalified to bid on the project. Please answer the following questions in this regard:

1.) Do we need to receive approval to bid as a Joint Venture?
2.) Does the Bid Bond need to be issued in the name of the Joint Venture?

Another question: page 89 of Notice to Contractor, Paragraph 10-1.14 - Transportation for Engineer - indicates insurance requirements as $50,000,000. Is this amount correct?

No, you don't need to receive approval to bid as a Joint Venture.
Yes, it should be. Because the name of the Joint Venture is the entity that Caltrans is dealing with.
Yes, it is.

14. Can we have copies of these reports sent by Fed Ex Acct.: xxxxxxxx-x to us?

1.) The complete report entitled "Sediment Sampling and Analysis Report - San Mateo-Hayward Trestle Widening Report."
2.) The Conceptual Storm Water Pollution Prevention Plan, hereafter referred to as the "CSWPPP."

Also, are there any x-sections available?

Copies of the "Sediment Sampling Analysis Report - San Mateo Hayward Trestle Widening," are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. Copies of the report may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet. By presenting a receipt of $9.60 from District 4, Cashier's Office to the Toll Bridge Duty Senior, pick up a copy of the document. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

Copies of the CSWPPP are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, and telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. Copies of the report may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet. By presenting a receipt of $10.00 from District 4, Cashier's Office to the Toll Bridge Duty Senior, pick up a copy of the document. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

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Yes, cross sections are available. Copies of the cross-sections - San Mateo Hayward Trestle Widening," are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. Copies of the cross-sections may be obtained from the office of the Toll Bridge Duty Senior at 10 cents per sheet. By presenting a receipt from District 4, Cashier's Office to the Toll Bridge Duty Senior, pick up copies of the cross-sections. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

15. The following are requested.

1.) Please have as-built plans of the existing bridge available for view at the district office by September 8.
2.) Please make the cross sections available at the district office by September 8.

Copies of the as-built plans for the existing bridge are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, and telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

Copies of the cross sections are available for review at the Office of the Toll Bridge Program Duty Senior at District 04, 111 Grand Avenue, Oakland, California 94612, and telephone number (510) 286-5549, duty_senior_tollbridge_district04@dot.ca.gov. Please call the Office of the Toll Bridge Program Duty Senior, to reserve copies at least 24 hours in advance.

16. Ref. Special Provisions, Pages 1 and 9 - Notice to Contractors. At the bottom of Page 1 it is stated that "The bidder shall submit prices for all of the work of Items 1 through 79, plus prices for all of the work of the items included in the alternative selected by the bidder." The Copy of Engineers Estimate on Page 9, as well as the proposal form, shows Item 127 - Mobilization as part of Alternative 3. Shouldn't a mobilization item be included for each of the alternatives, or in the listing of items common to all alternatives?

Correct. Item 127 "Mobilization" is common to all the alternatives.

17. Four very large projects in the toll bridge system are out for bid at this time. Additionally, this bid will require extra effort and time to analyze three alternates. For these reasons we request a two-week extension of the bid date.

The bid date for the project will not be extended.

18. Can the contractor build a pile founded temporary work trestle to access the work?

No. BCDC permit 20-98, however, allows the contractor to " Construct and use a temporary staging platform at the west end of the project just north of the proposed trestle. Approximately 6,000 square feet of pile- supported fill and 350 square feet of solid fill will be permitted. Transport barges may be used to bring materials and equipment to the project site for all three design variations."

19. Can the Contractor use two different alternatives, one for each end of the bridge?

No. See Section 10-1.01, "Alternative Construction," of the special provisions. It states that "The Contractor shall construct ... in accordance with one of the alternative designs shown on the plans.

20. Plan sheet 148 of 214, Section A-A and Section B-B. Will the Contractor be allowed to eliminate the void for the 610 mm piles, i.e., cast the pile solid?

No.

21. Bid Schedule, Item 33, Bridge Removal (Portion): Is the existing concrete barrier to be removed included for payment in this item?

Yes, the barrier removal shown on the bridge plans is included in the contract item, bridge removal (portion).

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22. Are the driving logs from the first trestle available for review and if so where?

There are no pile driving records available.

23. Is the epoxy coated reinforcement in the precast members paid as part of the precast concrete member or bar reinforcing steel item?

Reinforcing steel is included in the price paid for furnishing the precast concrete member. Refer to Section 51-1.23 "Payment" of the Standard Specifications.

24. Please have pile driving records for the existing bridge available for view at the district office by September 8.

There are no pile driving records available.

25. There appears to be a terminology discrepancy, is the term "mean lower low water" and the term "mean low low water" one in the same? If not, please explain.

The terms are used interchangeably and mean the same.

26. There is load testing for this contract, will specified tips change? What type of testing will be done on the piles?

Load testing consists of static load testing, dynamic monitoring and bearing acceptance criteria. The primary purpose is to validate the design criteria. Specified tip elevations may change.

27. On sheet 212 of 347, how can the No. 19 bars be continuous as shown from the details on the plans? The precast bent caps on each side of the pile show the coupler as embedded into the cap with the bar running through the cap.

Section C-C details a #19 x 460 bar to be coupled to the hooked end.

28. Please refer to the welding specification section 49-5.01 item 5. The question is that when I refer to AWS D1.1 I cannot determine how much if any of a shop installed weld needs the NDT inspection. Would you please tell myself as well as other bidders and pipe suppliers because it has a dramatic affect on the pipe price.

Please refer to drawing sheet 259 of 347. Note 2 states that the prestressing panels shall be placed perpendicular to the girders. If that is the case, are the 1893 panels 27 meter wide and 2 meters in length and 81mm deep? If that is the case, how does a person pick the panel?

Are the driving logs from the first trestle available for review and if so where?

Has anyone sounded the ground (mudline) along the centerline of the new trestle, if so how do I get a copy of the results.

Additional provisions are described under the subsection "Steel Pipe Piling".

Attention is directed to Section 10-1.38, "Precast Prestressed Concrete Panel," of the special provisions regarding alternative panel widths.

There are no pile driving records available.

Caltrans is not aware of any sounding of the ground.

29. On page 238 of the plans, Section B-B shows a precast U bent cap with #19 ties at 150mm on center across the top of the "U". On page 239, Section B-B shows #32 bars placed below the ties. The only way to get these bars installed is to have the precaster place them before casting. Did the designer have some other method in mind? Are these #32 bars paid for as part of the precast beam instead of as Bar Reinforcement?

The method of installing the bars is determined by the Contractor.

The #32 are measured and paid for as bar reinforcing steel (bridge).

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30. Special Provisions, page 123, Wave Equation. We are not clear as to the use of "bearing acceptance criteria curves"? It is our understanding that the pile tests would either confirm, or cause you to revise, the specified tip elevations shown on Drawing Sheet No. 3 of 214, titled Pile Data. We would then order piles to the appropriate length found at these specified tip elevations and drive them to these same elevations. We are unclear as to whether the use of "bearing acceptance criteria curves" would change our understanding described above. Please clarify.

Penetration and bearing analysis are in conjunction with load testing and dynamic monitoring of the test piles.

31. Section 10-1.36 - Concrete Structures - Falsework - if a temporary trestle is utilized, will the temporary piles have to be removed completely or can they be cut off at or near the mud line?

Temporary work trestle is not permitted.

32. Does a temporary work trestle fall under the 6 week review time as specified under the falsework Section 10-1.36?

Temporary work trestle is not permitted.

33. Will the Department insist that all piling placed outside of the tolerances specified in the contract be removed and replaced?

In accordance with Standard Specifications Section 5-1.09, "Removal of Rejected and Unauthorized Work," any work done beyond the lines and grades shown on the plans or established by the Engineer shall be considered unauthorized work and will not be paid for. As unauthorized work, piling placed outside of the tolerances specified in the contract shall be remedied, or removed and replaced by the Contractor in an acceptable manner and no compensation will be allowed therefore.

If the Contractor proposes to remedy the work by proposing changes to the contract to incorporate piles placed outside of specified tolerances, the Contractor, at its expense, shall submit alternate design details for the Engineer's consideration and approval. All costs and delays associated with such a proposed remedy shall be the responsibility of the Contractor.

34. On sheet 98 of 214 "Prestressed Double T Girder", the double tee depth in the chart is 813mm, whereas the detail shows 826mm. Which governs?

The correct depth is 813mm. Please see addendum #1.

35. On sheet 98 of 214 "Prestressed Double T Girder:, the x value for the c.g. of the strand is too low to work, even with 15mm strand. The lowest c.g. with 15mm strand for 3100kN is 187mm and 162mm for 2300 kN. The plans indicate an x value of 140 mm. Please advise.

Please see addendum #1.

36. Special Provisions, page 152-Clean and Paint Steel Piling. The first paragraph states the "Limits of the steel pile surfaces to be...shop primed...shall be as shown on the plans." We have been unable to locate the limts of the coating for the steel piling on the plans. Please clarify.

Please see addendum #1.

37. In this Section, the language regarding relief drilling and pile jetting, again, deviate from normal accepted industry standards. Carefully controlled jetting has been used in the industry for years to achieve prescribed pile tip elevations. Loading or locating a drill on a pile that extends above the rotary table elevation of the carrier (track grade, essentially) over water, through a range of 50 to 100 feet from center of carrier rotation, is not realistic. We suggest a re-evaluation of the jetting and allow it to be effectively used to achieve the pile tip elevation prescribed.

Please see addendum #1.

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38. The concrete special provisions appear to repeat the same sections, for example Section 90-2.01 is on both pages 56 and 64, is this correct?

Please see addendum #1.

39. 10-1.44 "Limits of steel pile surfaces to be dry blasted and painted...shall be as shown on the plans." Plans show nothing.

The limits of clean and paint pile has been described in addendum #1.

40. Page 156, "After pile...final coat...at locations and limits shown on the plans." Plans show nothing.

The limits of clean and paint pile has been described in addendum #1.

41. RE: Bid items 80 and 95-Furnish 1065 mm Piling and bid items 93 and 112 epoxy coated reinforcement.

As we understand it, rebar for the precast portion of the piling is paid under bid items 80 and 95, and the rebar within the void of the precast pile is paid under bid items 93 and 112. If the alternate CISS pile is used (sheet 281) the rebar is paid under bid items 93 and 112.

This is very confusing. If the alternate CISS pile is used, bid items 80 and 95 will no longer exist and bid items 93 and 112 will increase.

Why not pay for all rebar for the piles in bid items 80 and 95?

Please see addendum #1.

Items 80 and 95 will not be eliminated. CISS and PC/PS piles are measured and paid for as the contract items furnish 1065 mm piling and drive 1065 mm pile.

The contract item for epoxy coated bar reinforcing steel is required for the cast-in-place concrete work.

42. On page 152 of the special provisions under "Clean and Paint Steel Piling," will painting of steel piling at offshore locations be allowed?

At the option of the Contractor, the final coat of waterborne inorganic zinc coating may be applied at the shop.

43. The plan sheets do not show the painting limits for steel piling. Please provide.

The upper 10 meters of steel piling shall be cleaned and painted. Please see addendum #1.

44. Bid Schedule: An item for mobilization only occurs in the series of bid items for alternative 3 (Bid Item 127). No provision has been made for mobilization in alternative 1 or 2, is the intent to use bid item 127 regardless of which alternate is being used?

Please see response to Inquiry #16 and Addendum #1.

Special Provisions, Section 10-1.38, Page 122, Installation: The specifications say the Engineer will consider jetting when "drilling through the center of piles is not feasible because the pile is so far above tip elevation", who will make the determination of whether or not drilling is feasible, and will required drilling be paid for as extra work?

Please see addendum #1.

Special Provisions, Section 10-1.38, Page 127, Load Test Piles: A minimum set period of 28 days is specified. Please confirm that the 28 days begins at the initial drive time.

A 28 day set period begins after the pile is driven to the specified tip elevation. Please see addendum #1.

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45. Why is the Mobilization item #127 only in alternate 3? Where is mobilization paid for in Alternate 1 and 2?

Please see response to Inquiry #16 and Addendum #1.

Bid items #102 and #107 don't match. Should they?

Please see addendum #1.

46. Is drilling allowed for the large diameter concrete pile option?

Please see addendum #1.

47. For clarity we recommend that Mobilization-Item 127 be moved to the common items 1-79 so that a bidder not bidding alternate 3 also has a Mobilization item to bid.

Please see response to Inquiry #16 and Addendum #1.

Bid Items 84 and 99-Structural Concrete-Bridge are both fixed bid items though they contain payment for pile fill which is variable depending on the pile alternate the contractor chooses to drive. (CISS or Precast) The concrete quantity could vary 11-15%.

The concrete fill in the PC/PS option is not included in the structural concrete, bridge quantities shown in the Engineer's Estimate for Alternative 1 and 2. Please see addendum #1.

48. Special Provisions, Page 122, Installation (of piles) says, in part: "the Engineer will consider jetting...when drilling through the center of piles is not feasible because the pile is so far above the specified tip elevation."

How far above specified tip elevation would the pile have to be for this to be considered not feasible?

Please see addendum #1.

Special Provisions, Page 152, Clause 10-1.44 Clean and Paint Steel Piling, says in part: "Limits of the steel pile surfaces to be dry blast cleaned...shall be shown on the plans." Which plan shows these limits?

The limits of clean and paint pile are not shown on the plans. Addendum #1 require: "The upper 10 meters of the steel pile shall be dry blast cleaned and shop primed with organic zinc coating."

49. What is the extent of the pile coating?

Limits of clean and paint of piles are described in addendum #1.

Is it your intention to apply the second coat after driving? This is highly unusual and very expensive.

At the option of the Contractor, the final coat of waterborne inorganic zinc coating may be applied at the shop. Please see addendum #1.

50. Section 10-1.33, (page #127) requires a 28 working day set period for the test pile to set prior to static load testing. Does the 28 working days start after the initial driving or after the last retap?

A 28 day set period begins after the pile is driven to the specified tip elevation. Please see addendum #1.

51. Where are the control areas for the pile load testing?

The control locations for Test Site Location A is from Sta 30+31 to Sta 68+60 and Test Site Location B is from Sta 68+61 to Sta 109+00. Please see addendum #1.

Please note: Response to inquiry #18 was modified September 28, 1999

ADDED PER ADDENDUM NO. 2 DATED OCTOBER 7, 1999