

DEPARTMENT OF TRANSPORTATION

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January 11, 2002

01-Men-1-96.5/97.7
01-378014
ACBRSTP-P001(476)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in MENDOCINO COUNTY IN FORT BRAGG FROM 0.4 km SOUTH TO 0.7 km NORTH OF NOYO RIVER BRIDGE.

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 February 6, 2002.

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 49 is revised. Half-sized copy of the revised sheet is attached for substitution for the like-numbered sheet.

Project Plan Sheet 10A is added. Half-sized copy of the added sheet is attached for addition to the project plans.

On the cover of the Notice To Contractors and Special Provisions, the Bids Open date is revised to February 6, 2002.

In the Notice To Contractors and Special Provisions, and in the Proposal and Contract, "IMPORTANT SPECIAL NOTICES," the pre-award qualifications review meeting date is revised to February 8, 2002.

In the Special Provisions, Section 2-1.04, "ESCROW OF BID DOCUMENTATION," the following paragraph is added before the first paragraph:

"The first, second and third apparent low bidders shall submit bid documentation as described in these special provisions. Bid documentation for escrow shall be submitted at District 01 Office, 1656 Union Street, Room 59, Eureka, Ca., on the first Monday, at 1:00 PM., following the time indicated in the "Notice to Contractors" for the opening of bids."

In the Special Provisions, Section 2-1.04, "ESCROW OF BID DOCUMENTATION," the eleventh paragraph is deleted.

In the Special Provisions, Section 3, "PRE-AWARD MEETING AND AWARD AND EXECUTION OF CONTRACT," subsection 3-1.01A, "PRE-AWARD MEETING," the pre-award qualifications review meeting date is revised to February 8, 2002.

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In the Special Provisions, Section 5-1.25, "RELATIONS WITH NATIONAL MARINE FISHERIES SERVICE," is revised as attached.

In the Special Provisions, Section 5-1.28, "RELATIONS WITH NOYO HARBOR DISTRICT," is revised as attached.

In the Special Provisions, Section 5-1.29, "RELATIONS WITH CITY OF FORT BRAGG," is added as attached.

In the Special Provisions, Section 5-1.30, "RELATIONS WITH COUNTY OF MENDOCINO," is added as attached.

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the sixth, seventh, eighth and ninth paragraphs are replaced with the following paragraphs:

"Work within the waterway shall be limited to the period from June 1 to October 15 of any year. For the purposes of this contract, cofferdam at Pier 3 is within the waterway of the Noyo River.

Immediately prior to any start of pile driving, the Engineer will survey the safety zone to determine the presence of marine mammals. If marine mammals are present, pile driving operations shall not start until the animals have left the safety zone established by the Underwater Noise Monitor. If marine mammals enter the safety zone at any time during pile driving operations, the Contractor shall cease pile driving until the mammals have exited the safety zone. Harassment of marine mammals to clear the safety zone is forbidden by law. Pile driving which ceases operation for less than 45 minutes will not require a marine mammal survey prior resuming activities. Pile driving which ceases operation for more than 45 minutes will require a marine mammal survey prior resuming activities, and will not be allowed to resume if marine mammals are present within the safety zone."

In the Special Provisions, Section 10-1.01, "ORDER OF WORK," the following paragraph is added after the eleventh paragraph:

"Attention is directed to "Relations With National Marine Fisheries Service" of these special provisions for additional restrictions on pile driving activities."

In the Special Provisions, Section 10-1.02, "WATER POLLUTION CONTROL (STORM WATER POLLUTION PREVENTION PLAN)," subsection "COST BREAK-DOWN," the figure \$170,000.00 at the bottom of the cost break-down example is deleted.

In the Special Provisions, Section 10-1.09, "COOPERATION," the first sentence of the second paragraph is revised as follows:

"The Contractor shall cooperate and coordinate with State-employed Fisheries Biologist, Marine Mammal Monitor, and Underwater Noise Monitor throughout this contract."

In the Special Provisions, Section 10-1.37, "REPLACE ASPHALT CONCRETE SURFACING," the ninth paragraph is revised as follows:

"The contract price paid per cubic meter for replace asphalt concrete surfacing shall include full compensation for furnishing all labor, materials (including asphalt concrete), tools, equipment, and incidentals, and for doing all the work involved in replacing asphalt concrete surfacing, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

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In the Special Provisions, Section 10-1.40, "CONCRETE STRUCTURES," subsection "TEMPORARY FENDER SYSTEM," is relocated after subsection "FALSEWORK".

In the Special Provisions, Section 10-1.40, "CONCRETE STRUCTURES," subsection "FALSEWORK," the following paragraph is added after the fifth paragraph:

"Attention is directed to "State-Furnished Materials", and "Navigational Aids and Floodlighting", of these special provisions for temporary red channel margin lights at the falsework opening."

In the Special Provisions, Section 10-1.40, "CONCRETE STRUCTURES," subsection "MASS CONCRETE," under "Materials," the first sentence which begins with "Aggregate for mass concrete..." is deleted.

In the Special Provisions, Section 10-1.40, "CONCRETE STRUCTURES," subsection "Pre-Cooling Mass Concrete Materials," the second sentence is revised as follows:

"If the Contractor elects to pre-cool mass concrete materials, the Contractor shall state, in the working drawings, measures to be taken to pre-cool materials and proposed maximum allowable temperatures of the mass concrete materials prior to and during mixing."

In the Special Provisions, Section 10-1.40, "CONCRETE STRUCTURES," subsection "Post-Cooling System for Mass Concrete," the fifth sentence of the third paragraph is revised as follows:

"Additional requirements in the working drawings when a post-cooling system is required are as follows:"

In the Special Provisions, Section 10-1.46, "HEADED BAR REINFORCEMENT," subsection "MEASUREMENT AND PAYMENT," the second paragraph is revised as follows:

"The contract unit price paid for headed bar reinforcement shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in furnishing heads and friction welding or integrally forging heads onto bar reinforcement, including conformance with all testing requirements, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

In the Proposal and Contract, the Engineer's Estimate Items 66 and 94 are revised, Items 126 and 127 are added and Item 125 is deleted as attached.

To Proposal and Contract book holders:

Replace pages 6, 7 and 9 of the Engineer's Estimate in the Proposal with the attached revised pages 6, 7 and 9 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Attached are replacement copies of the Material Information for NATIONAL MARINE FISHERIES SERVICE and CALIFORNIA DEPARTMENT OF FISH AND GAME PERMIT and copies of the Materials Information for Noyo River Condition Survey dated March 19, 1997 from the U.S. Army Corps. of Engineers..

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.

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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
Office of Plans, Specifications & Estimates
Office Engineer

Attachments

5-1.25 RELATIONS WITH NATIONAL MARINE FISHERIES SERVICE

The location of the project is within an area controlled by the National Marine Fisheries Service (NMFS). A NMFS "Section 7 Biological Opinion" and a NMFS "Incidental Take Statement" (for fish only), have been issued covering work to be performed under this contract. The Contractor shall fully inform himself of all rules, regulations and conditions that may govern his operations in said area and shall conduct his work accordingly.

Attention is directed to "Cooperation" of these special provisions regarding the requirement for the Contractor to coordinate operations with the State-employed Fisheries Biologist, the State-employed Marine Mammal Monitor (MMM) and the State-employed Underwater Noise Monitor (UNM) during the life of this project.

The Contractor shall notify the Engineer a minimum of 5 days in advance of the time when either the cofferdams at Pier 2 or the cofferdams at Pier 3 are anticipated to be completed. Immediately after either the cofferdams at Pier 2 or the cofferdams at Pier 3 are completed sufficiently to prevent the immigration and emigration of fish, the Contractor shall cease work in that area and allow the Fisheries Biologist to identify and rescue any fish trapped within the cofferdam.

The Marine Mammal Monitor will be making observations on marine mammals in and near the job site throughout the life of the project.

Studies have shown that marine mammals routinely inhabit areas at or near the project. Typically, a population averaging 10 animals are in residence continuously throughout the year. Around August 15th of any year, annual migrations of marine mammals significantly increases the number of animals residing at or near the project area. Higher numbers of marine mammals can be expected to overwinter around the project area until they resume migration and leave the area, typically early in the spring.

The UNM will establish a safety zone around the pile driving activities, which will include all areas where the underwater sound pressure levels are anticipated to equal or exceed 160dB. Prior to, and until the 160 dB zone can be determined through measuring actual sound pressure levels from the various types of pile driving activities, the UNM will establish an exclusion zone of 153 meters around the work area prior to beginning pile driving. After noise studies are completed, the UNM may reduce or increase the size of the safety zone. Different size safety zones may be required for the various types of pile driving activities and equipment used, depending on actual noise levels observed.

Immediately prior to any start of pile driving, the Engineer will survey the safety zone to determine the presence of marine mammals. If marine mammals are present, pile driving operations shall not start until the animals have left the safety zone. If marine mammals enter the safety zone at any time during pile driving operations, the Contractor shall cease pile driving until the mammals have exited the safety zone. Harassment of marine mammals to clear the safety zone is forbidden by law. Pile driving which ceases operation for less than 45 minutes will not require a marine mammal survey prior resuming activities. Pile driving which ceases operation for more than 45 minutes will require a marine mammal survey prior resuming activities, and will not be allowed to resume if marine mammals are present within the safety zone.

Copies of the Section 7 Biological Opinion and Incidental Take Statement (for fish only) 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 office of the District Director of Transportation at 379 Colusa Highway, Yuba City, CA 95991.

Attention is directed to Sections 7-1.11, "Preservation of Property," 7-1.01, "Laws to be Observed," 7-1.01G, "Water Pollution," and 7-1.12, "Indemnification and Insurance," of the Standard Specifications.

Full compensation for conforming to the terms and conditions of the NMFS Section 7 Biological Opinion, the Incidental Take Statement (for fish only) and the requirements of these special provisions shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

5-1.28 RELATIONS WITH NOYO HARBOR DISTRICT

The materials and staging basin area shown on the plans is owned by the City of Fort Bragg and leased by the Noyo Harbor District(NHD).

NHD routinely directs its agents and contractors to remove dredge spoils materials from this site. It is anticipated that NHD, along with the U.S. Army Corps of Engineers (ACOE), plans to dredge the marina area upstream from the project site from approximately June 1, 2002 to September 30, 2002. It is also anticipated that NHD plans to dredge the river channel, from the marina through the project site to the ocean, from approximately 6/1/03 to 9/30/03. Attention is directed to "Cooperation" of these special provisions regarding coordinating with NHD and ACOE.

NHD plans to utilize Drainage System No. 9, shown on the plans, as a conduit for their discharge line during dredging operations. The discharge line may also be placed in other Contractor's work areas such as portions of Ocean Front Park as needed to reach the materials and staging basin area.

The Contractor shall coordinate use of the materials and staging basin area with the Engineer and with Noyo Harbor District throughout the life of the project. The State has entered into an agreement with Noyo Harbor District. Use of the materials and staging basin area shall be as follows:

- A. The Contractor shall have exclusive use of the materials and staging basin area east of the "D" line shown on the plans, from March 1, 2002 through the life of the project. The Contractor shall have shared use, with NHD, of the area west of the "D" line and "D" line access road shown on the plans, from March 1, 2002 to May 31, 2002, while the Contractor establishes the "D" line access road and NHD continues to remove dredge spoils from the area west of the "D" line.
- B. Contractor shall have shared use, with NHD, of the "D" line access road from June 1, 2002 to September 30, 2002 and from June 1, 2003 through the life of the Contract. The NHD may either conduct dredging operations or remove dredge spoils during these periods. The Contractor shall maintain the "D" line access road for the life of the Contract.
- C. The Contractor shall have exclusive use of the entire materials and staging basin area from October 1, 2002 through May 31, 2003 for contract work.
- D. From June 1, 2003 throughout the life of the contract, NHD has reserved the right to have exclusive use of the materials and staging basin area west of the "D" line, upon 30 days written notification to the Engineer. The Contractor shall remove any construction materials and equipment from this area while NHD requires use of the parcel.
- E. Upon completion of activities requiring exclusive use of the area west of the "D" line and access road shown on the plans, NHD will notify the Engineer of the date when the Contractor will be allowed to reoccupy that area.

No clearances have been obtained for the Contractor to discharge water into the existing standpipe in the materials and staging basin area.

Attention is directed to Sections 7-1.11, "Preservation of Property," 7-1.01, "Laws to be Observed," 7-1.01G, "Water Pollution," and 7-1.12, "Indemnification and Insurance," of the Standard Specifications.

Full compensation for conforming to the terms and conditions of this special provision shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

5-1.29 RELATIONS WITH CITY OF FORT BRAGG

An encroachment permit regarding work within city right of way is being entered into by the Department of Transportation and the City of Fort Bragg. The Contractor shall fully inform himself of all rules, regulations and conditions that may govern his operations in said areas and shall conduct his work accordingly.

Copies of the permit may be obtained from the Engineer after the start of the project.

Full compensation for conforming to the provisions in this section shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

5-1.30 RELATIONS WITH COUNTY OF MENDOCINO

An encroachment permit regarding work within county right of way is being entered into by the Department of Transportation and the County of Mendocino. The Contractor shall fully inform himself of all rules, regulations and conditions that may govern his operations in said areas and shall conduct his work accordingly.

Copies of the permit may be obtained from the Engineer after the start of the project.

Full compensation for conforming to the provisions in this section shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed therefor.

**ENGINEER'S ESTIMATE
01-378014**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (S)	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
62 (S)	048820	NPS 12 WATER SUPPLY LINE (BRIDGE)	M	290		
63 (S)	048821	SEWER LINE (BRIDGE)	M	290		
64 (S)	208304	WATER METER	EA	2		
65	260201	CLASS 2 AGGREGATE BASE	M3	730		
66	390103	ASPHALT CONCRETE (TYPE B)	TONN	2540		
67	390106	ASPHALT CONCRETE (OPEN GRADED)	TONN	1030		
68	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	20		
69	394046	PLACE ASPHALT CONCRETE DIKE (TYPE D)	M	110		
70	490511	FURNISH STEEL PILING (HP 250 X 85)	M	372		
71 (S)	490512	DRIVE STEEL PILE (HP 250 X 85)	EA	54		
72 (S)	048822	1.0 M CAST-IN-DRILLED-HOLE CONCRETE PILING (ROCK SOCKET)	M	384		
73 (S)	490661	1.2 M CAST-IN-DRILLED-HOLE CONCRETE PILING	M	371		
74 (S)	048823	1.3 M CAST-IN-DRILLED-HOLE CONCRETE PILING (ROCK SOCKET)	M	384		
75 (S)	490663	1.5 M CAST-IN-DRILLED-HOLE CONCRETE PILING	M	869		
76 (S)	490665	1.8 M CAST-IN-DRILLED-HOLE CONCRETE PILING	M	194		
77 (S)	048824	INSTALL 1.2 M PERMANENT STEEL CASING	M	371		
78 (S)	048825	FABRICATE 1.5 M PERMANENT STEEL CASING	M	869		
79 (S)	048826	INSTALL 1.5 M PERMANENT STEEL CASING	M	869		
80 (S)	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	

**ENGINEER'S ESTIMATE
01-378014**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81 (S)	500010	PRESTRESSING	LS	LUMP SUM	LUMP SUM	
82	510000	SEAL COURSE CONCRETE	M3	1010		
83 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	1700		
84 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	8250		
85	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	220		
86 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	140		
87 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	9		
88	511106	DRILL AND BOND DOWEL	M	80		
89 (S)	518050	PTFE BEARING	EA	18		
90 (S)	519128	JOINT SEAL ASSEMBLY (MR 100 MM)	M	46		
91 (S-F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	1 769 000		
92 (S-F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	13 000		
93 (S-F)	520110	BAR REINFORCING STEEL (EPOXY COATED) (BRIDGE)	KG	592 000		
94 (S)	048827	HEADED BAR REINFORCEMENT	EA	7603		
95	566011	ROADSIDE SIGN - ONE POST	EA	2		
96 (S)	590301	WORK AREA MONITORING	LS	LUMP SUM	LUMP SUM	
97	620913	600 MM ALTERNATIVE PIPE CULVERT	M	120		
98	703233	GRATED LINE DRAIN	M	22		
99	048828	500 MM WELDED STEEL PIPE CASING (BRIDGE)	M	26		
100	703536	200 MM WELDED STEEL PIPE (3.40 MM THICK)	M	150		

**ENGINEER'S ESTIMATE
01-378014**

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	022892	FLOODLIGHTING	LS	LUMP SUM	LUMP SUM	
122 (S)	862065	REPLACE PULL BOX	EA	2		
123 (S)	048832	SEISMIC MONITORING ELECTRICAL SYSTEM	LS	LUMP SUM	LUMP SUM	
124 (S)	048833	ELECTRIC SERVICE (IRRIGATION)	LS	LUMP SUM	LUMP SUM	
125	BLANK					
126	390095	REPLACE ASPHALT CONCRETE SURFACING	M3	180		
127	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID: _____