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July 27, 2009

02-Sha-5-R63.2/R65.8
02-378904
ACBRNH-0058(337)N

Addendum No. 4

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SHASTA COUNTY NEAR LAKEHEAD FROM 0.3 KM NORTH OF ANTLER SUMMIT OVERCROSSING TO 0.5 KM NORTH OF ANTLER UNDERPASS.

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, August 4, 2009.

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

In the Special Provisions, Section 10-1.40, "CLEARING AND GRUBBING," the following section heading is added after the fifth paragraph:

"10-1.41 BRIDGE CONSTRUCTION SURVEYING"

In the Special Provisions, Section 10-1.41, "BRIDGE CONSTRUCTION SURVEY PLAN," heading is revised to subsection "BRIDGE CONSTRUCTION SURVEY PLAN,".

In the Special Provisions, Section 10-1.72, "ARCHITECTURAL SURFACE (TEXTURED CONCRETE)," subsection "WORKING DRAWINGS," is added after subsection "REFEREE SAMPLE," as follows:

"WORKING DRAWINGS"

Prior to constructing test panels and mock-up panels for the bass relief textures, the Contractor shall submit to the Engineer for approval, detailed working drawings including details for adjoining liners, in conformance with the requirements in Section 5-1.02, "Plans and Working Drawings," of the Standard Specifications. Working drawing for mock-up panels shall include design and details of a vertical support system for the mock-up panels to be reviewed and approved in a vertical incline angle, similar to that of the incline of the exterior girder of the bridge, and shall be presented side-by-side on the same plane. The number of sets of drawings and design calculations and times for review shall be the same as specified for falsework working drawings in Section 51-1.06A, "Falsework Design and Drawings," of the Standard Specifications."

02-Sha-5-R63.2/R65.8
02-378904
ACBRNH-0058(337)N

In the Special Provisions, Section 10-1.72, "ARCHITECTURAL SURFACE (TEXTURED CONCRETE)," subsection "TEST PANEL," is replaced as follows:

"TEST PANEL

Test panel for the dry stack wall texture shall be at least 1.25 m x 1.25 m in size.

Test panels for the bass, minnows and splash relief textures shall be full size to the limits, include the various textures shown on the plans, and shall be successfully completed prior to the construction of the mock-up panels, at a location approved by the Engineer. The test panels for the bass motif are not a substitute for the mock-up panels. The test panels shall be constructed and finished with the materials, tools, equipment and methods to be used in constructing the architectural textures.

The Contractor shall construct one additional test panel of the fin tail for the bass texture to demonstrate the method of repairing defects in the texture. After the test panel has been approved by the Engineer, the surface shall be damaged to impose a defect. The defected panel shall be photographed and an electronic copy shall be provided to the Engineer. The defected panel shall then be repaired to an acceptable condition in the opinion of the Engineer. The approved repaired panel shall be retained and used along with the full size mock-up panels as the standard of comparison in determining acceptability of repaired surfaces as specified in "Mock-Up Panel" of these special provisions.

If ordered by the Engineer, additional test panels shall be constructed and finished until the specified form, shape, finish, texture and color are accepted by the Engineer in writing.

The test panels approved by the Engineer shall be used as the standard of comparison in determining acceptability of architectural textures for concrete surfaces and shall be supported in a vertical position at the construction site for viewing.

Attention is directed to "Prepare and Paint Concrete Surfaces" for additional requirements for the test panel for dry stack texture."

In the Special Provisions, Section 10-1.72, "ARCHITECTURAL SURFACE (TEXTURED CONCRETE)," subsection "MOCK-UPS FOR BASS RELIEF TEXTURE," is replaced with subsection "MOCK -UP PANEL," as follows:

"MOCK-UP PANEL

Mock-up panels for the bass relief texture shall be full size to the limits as shown on the plans and shall be successfully constructed before beginning the work on architectural texture, at a location approved by the Engineer. The Contractor's personnel responsible for constructing the mock-up panels shall be the same personnel to construct the concrete texture. The mock-up panels shall be constructed and finished with the materials, tools, equipment and methods to be used in constructing the concrete texture in the actual 3 dimensional configuration of the construction. The mock-up panels shall include all the form liner edge conditions to be encountered in the final construction. This shall include the interface edge between the form finish transverse and longitudinal form liner panel edges and the form finish texture edges. There shall be no visible edge variation.

If ordered by the Engineer, additional mock-up panels shall be constructed and finished until the specified form, shape, finish and texture are accepted by the Engineer in writing.

The mock-up panels approved by the Engineer shall be used along with the approved repaired test panel as the standards of comparison in determining defects that are allowed to be repaired, the acceptability of the repair method, and the acceptability of concrete form, shape, and texture. Defects that cannot be repaired, in the opinion of the Engineer, shall be replaced."

Addendum No. 4
Page 3
July 27, 2009

02-Sha-5-R63.2/R65.8
02-378904
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In the Special Provisions, Section 10-1.72, "ARCHITECTURAL SURFACE (TEXTURED CONCRETE)," subsection "MEASUREMENT AND PAYMENT," the second paragraph is revised as follows:

"The contract price paid per square meter for architectural texture of the types listed in the Engineer's Estimate shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in architectural texture, complete in place, including test and mock-ups panels, additional test and mock-up panels ordered by the Engineer, and for supporting the test and mock up panels, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer."

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 office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it. A copy of this addendum is available for the Contractors' use on the Web site:

http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addenda.php

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
Division of Engineering Services - Office Engineer