

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe

*Serious Drought.
Help save water!*

September 29, 2015

11-Imp-8-R45.5/R55.0

11-413604

Project ID 1113000036

ACNHPI-008-2(105)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN IMPERIAL COUNTY NEAR EL CENTRO FROM 0.6 MILE WEST OF ANDERHOLT ROAD OVERCROSSING TO 0.5 MILE EAST OF EAST.HIGHLINE CANAL BRIDGE, and to revise the project plans, the *Notice to Bidders and Special Provisions and Information Handout*.

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, October 21, 2015.

Project plan sheets 2, 30, 35-41, 44, 45, 129, and 135 are replaced and attached for substitution for the like-numbered sheets.

11-Imp-8-R45.5/R55.0
 11-413604
 Project ID 1113000036
 ACNHPI-008-2(105)E

In the Special Provisions, Section 2 BIDDING, 2-1.06B Supplemental Project Information, is replaced as follows.

"Add to section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information	
Means	Description
Included in the <i>Information Handout</i>	1. Water source information, Imperial Irrigation District Water Department, dated February 4, 2015. 2. Structural Sections/ Pavement Rehabilitation Recommendations-Revision, dated November 13, 2014 3. Corrosion Study, dated January 29, 2015 4. Ramp Pavement Rehabilitation Recommendations-Revision, dated March 12, 2015 5. Electronic Information, "11-413604_Alignment-Profiles" 6. 11-413604-Stockpile-Locations 7. 11-413604-Additional-Areas-for-Contractor-Use
Available as specified in the <i>Standard Specifications</i>	Bridge as-built drawings

"

In the Special Provisions, Sections 4-1.07, is added as attached.

In the Special Provisions, Section 9-1.16C, the following is added to the first paragraph.

"14. Crash Cushions."

In the Special Provisions, Section 12-5.03D, "Speed Reduction," the third paragraph is replaced as follows:

"Components for speed reduction must be removed from the traveled way and shoulder, and existing permanent speed limit signs and all applicable advisory/warning signs must be uncovered when speed reduction is no longer required as determined by the engineer."

In the Special Provisions, Section 19-2.03A, is added as attached.

In the Special Provisions, Section 40-1.01, is added as attached.

Addendum No. 1
Page 3
September 29, 2015

11-Imp-8-R45.5/R55.0
11-413604
Project ID 1113000036
ACNHPI-008-2(105)E

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*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/11/11-413604

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,



 LAURIE BERMAN
District Director

Attachments

4 SCOPE OF WORK

Replace the 1st paragraph in section 4-1.07A with:

A committee has been established by the Department to review value engineering change proposals.
The committee is composed of civil engineers registered in the state..

Replace the 2nd paragraph in section 4-1.07B with:

Before preparing the VECP, meet with the Engineer and if you request, meet with the Committee to discuss:

1. Proposal concept
2. Permit issues
3. Impact on other projects
4. Project impacts, including traffic, schedule, and later stages
5. Peer reviews
6. Overall proposals merit
7. Review times required by the Department and other agencies
8. Overall construction duration
9. Overall reduction in project risks

Add to Section 19-2.03A:

From the removed PCC, CTB and AC, process 5,500 CY of aggregate base class 2. Processed Class 2 AB must be stockpiled as shown on the plans. Class 2 AB must meet the requirements in section 26, except sections 26-1.3B, 26-1.03C, 26-1.03D do not apply.

Removed PCC, CTB, and AC not used as a source for other materials in the project must be crushed and processed into embankment material. Processed materials must be stockpiled as shown on the plans. Processed material must meet the following gradation requirements when tested under California Test 202:

Gradation		
Sieve size	Operating range	Contract compliance
3/4"	100	87-100
1/2"	-	-
3/8"	-	-
No. 4	30-60	25-65
No. 200	2-10	0-15

If the gradation of processed embankment material does not comply with contract compliance requirements, reprocess the embankment material to meet gradation or request a payment deduction. If your request is authorized, \$2.00/cu yd is deducted.

The relative compaction in section 19-5 does not apply to processed embankment material stockpiles.

Stockpile areas must be clear of weeds, grass, and debris.

Replace reserved section 40-1.01C(8) with:

40-1.01C(8) Reclaimed Concrete Aggregate Working plan

Submit a Reclaimed Concrete Aggregate (RCA) working plan to the Engineer at least 45 days prior to demolition of existing concrete to be used for RCA. Allow 20 days for review. RCA working plan must include:

1. Procedures to be used for demolition, process, preparation of aggregate, mixing and placement of concrete with RCA
2. QC plan including the tests and their frequency
3. Provisions and contingency plan for maintaining consistent properties, including Specific Gravity, moisture content, and absorption within the specified limits
4. Provisions and methods of excluding deleterious material including but not limited to Asphalt overlay and Spall repair materials
5. Provisions to mitigate any materials related distress observed in the existing pavement

Submit the results of RCA testing with your mix design and during production. Your mix design must include the percent of RCA, if used.

Submit the stockpile moisture readings three times a day during production.

Add to section 40-1.02B(3):

Coarse aggregate must consist of gravel, crushed gravel, crushed rock, reclaimed aggregate, crushed air-cooled iron blast furnace slag, RCA, or a combination of these.

Coarse aggregate may have a maximum of 20% by weight of RCA. The source of RCA must be from the existing concrete pavement within the approved construction area of this project.

Replace reserved section 40-1.02B(5) with:

40-1.02B(5) Reclaimed Concrete Aggregate

Process the pavement to remove steel, soil and other contaminant material from concrete. Use necessary crushing, screening, washing and beneficiation methods to remove all fines, organic impurities, and dust and produce coarse aggregate with consistent quality and properties.

Process RCA to prepare coarse aggregate that meets gradation specified in section 90-1.02C(4)(b) except RCA must have less than 3 percent passing No. 4 sieve.

Perform the following tests on RCA prior to mix qualification and every 6,000 Tons of RCA production thereafter using AMRL or a Caltrans certified lab.

RCA Testing

Test	
LA Abrasion	California Test 211
Cleanness Value	California Test 227
Flat and Elongated	ASTM D4791
Chloride Content	California Test 404
Soundness	California Test 214
Specific Gravity	ASTM D1475
Deleterious Substances	ASTM C295/C295M
Absorption	California Test 206 and 207

Do not use RCA as a source for fine aggregate.

Maintain RCA moisture above SSD for a minimum of 12 hours before batching.