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**** WARNING ** WARNING ** WARNING ** WARNING ****
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January 30, 2007

03-Nev-80-R3.5/R9.2
03-0A6324
ACIM-080-4(180)N

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in NEVADA COUNTY NEAR TRUCKEE FROM 0.4 KM WEST OF SODA SPRINGS OVERCROSSING TO THE DONNER SUMMIT SAFETY REST AREA.

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 27, 2007, instead of the original date of February 6, 2007.

This addendum is being issued to set a new bid opening date as shown herein and revise the Project Plans, the Notice to Contractors and Special Provisions, the Proposal and Contract, the Federal Minimum Wages with Modification Number 47 dated 1-05-07, and provide a copy of the Supplemental Information Handout.

Project Plan Sheets 83, 117, 208, 244, 254, 280, 367, 370, 377, 378, 379, 382, 383, 396, 397, 398, 399, 421, 442 and 444 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 357A is added. A half-sized copy of the added sheet is attached for addition to the project plans.

In the Special Provisions, Section 5-1.23, "TUNNEL SAFETY ORDERS," the last sentence in the first paragraph is revised as follows:

"Attention is directed to the CAL OSHA Mining and Tunneling Classifications in the Information Handout for exact locations."

In the Special Provisions, Section 5-1.23, "TUNNEL SAFETY ORDERS," the following paragraph is added after the first paragraph:

"The work to be performed at some overhead sign structure CIDH piles, sign structures KS-41, KS-42 and KS-4, have been classified "Potentially Gassy with Special Conditions" by the State Division of Occupational Safety and Health under Section 8422 of the Tunnel Safety Orders of the California Code of Regulations. Attention is directed to the CAL OSHA Mining and Tunneling Classifications in the Information Handout for exact locations."

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In the Special Provisions, Section 10-1.21, "COOPERATION," the following paragraph is added after the fifth paragraph:

"It is anticipated that work by another contractor (Contract No. 03-0A6334) to rehabilitate the roadway in Nevada County on Route 80 Near Truckee from 0.2 km West of Donner Summit to 1.9 km West of Donner Park Over crossing (KP R9.0 to KP R18.5) may be in progress adjacent to or within the limits of this project during progress of the work on this contract."

In the Special Provisions, Section 10-1.54, "ASPHALT CONCRETE," subsection "RECLAIMED ASPHALT PAVEMENT," is added after the fifth paragraph as attached.

In the Special Provisions, Section 10-1.62, "CONCRETE STRUCTURES," under subsection "GENERAL," the following paragraph is added after the sixth paragraph:

"Bar Reinforcing Steel for use in Minor concrete (Minor Structure) (Access Ramp) shall be epoxy coated and conform to the provisions in Section 52-1.02B, "Epoxy-Coated Reinforcement" of the Standard Specifications."

In the Special Provisions, Section 10-1.67, "REINFORCEMENT," under subsection "EPOXY-COATED REINFORCEMENT," the first paragraph is revised as follows:

"All longitudinal and transverse bar reinforcement in bridge decks, all other bar reinforcement within or which extends to within 150 mm of the top surface of the bridge deck, bar reinforcement within or which extends to within 150 mm of the top surface of the abutment backwalls, retaining walls and all bar reinforcement in the concrete barrier, barrier rails, approach slabs, minor concrete (minor structure) (access ramp), minor concrete (miscellaneous construction), minor concrete (curb), and minor concrete (gutter) shall be epoxy-coated."

In the Special Provisions, Section 10-1.83, "MISCELLANEOUS CONCRETE CONSTRUCTION," the first paragraph is replaced with the following paragraphs:

"Minor concrete (curb), minor concrete (miscellaneous construction) and minor concrete (gutter) shall conform to the provisions in Section 73, "Concrete Curbs and Sidewalks," of the Standard Specifications and these special provisions.

Bar Reinforcing Steel for use in minor concrete (curb), minor concrete (miscellaneous construction) and minor concrete (gutter) shall be epoxy coated and conform to the provisions in Section 52-1.02B, "Epoxy-Coated Reinforcement" of the Standard Specifications."

In the Proposal and Contract, the Engineer's Estimate Items 26, 30, 31, 100, 110, 111 and 113 are revised as attached.

To Proposal and Contract book holders:

Replace pages 4, 7 and 8 of the Engineer's Estimate in the Proposal with the attached revised pages 4, 7 and 8 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Attached are copies of the Supplemental Information Handout.

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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 CONTRACTORS section of the Notice to Contractors 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 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 DHL overnight mail to all book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are available for the contractor's use on the Internet Site:

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

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
Division of Engineering Services - Office Engineer

Attachments

RECLAIMED ASPHALT PAVEMENT

The Contractor may produce asphalt concrete using reclaimed asphalt pavement (RAP). Asphalt concrete produced using RAP shall conform to the provisions for asphalt concrete in this section, "Asphalt Concrete," and these special provisions. The Contractor may substitute RAP for a portion of the virgin aggregate in asphalt concrete in an amount not exceeding 15 percent of the asphalt concrete dry aggregate mass.

RAP shall be processed from asphalt concrete removed from pavement surfaces. RAP shall be stored in stockpiles on smooth surfaces free of debris and organic material. RAP stockpiles shall consist only of homogeneous RAP. The Contractor may process and stockpile RAP throughout the project's life. Processing and stockpiling operations shall prevent material contamination and segregation.

The Contractor shall determine the amount of asphalt binder to be mixed with the combined virgin aggregate and RAP in conformance with the requirements in California Test 367 amended by Lab Procedure-9 (LP-9), "Asphalt Concrete Using Up To 15% Reclaimed Asphalt Pavement (RAP)." LP-9 is available at:

<http://www.dot.ca.gov/hq/esc/Translab/fpmlab.htm>

At least 21 days before starting production of asphalt concrete using RAP, the Contractor shall submit a proposed asphalt concrete mix design in writing to the Engineer. The mix design submittal shall consist of the following:

A. RAP:

1. Processed stockpile locations.
2. LP-9 test results.
3. Correlation factor for aggregate gradations from California Test 382 and LP-9.
4. Three 32-kg samples of processed RAP representing the material to be used. The three samples shall be split from the sample the Contractor uses to determine the mix design. The Contractor shall obtain and split the samples in conformance with the requirements in California Test 125 and LP-9.
5. The substitution rate for virgin aggregate and percent RAP.

B. Virgin aggregate and supplemental fine aggregate blend:

1. Percent passing values for each sieve size.
2. Aggregate quality tests results.
3. Each aggregate source to be used including producer, location, and California Mine Identification number.
4. Percentage of each aggregate stockpile, cold feed, and hot bin to be used.
5. Gradation of each aggregate stockpile, cold feed, and hot bin to be used.

C. Asphalt binder:

1. Source.
2. Material Safety Data Sheets.

D. Antistrip additives, if used:

1. Name of product.
2. Name of manufacturer.
3. Manufacturer's designation and proposed rate.
4. Location and method of addition.
5. Material Safety Data Sheets.

E. Asphalt concrete:

1. A completed mix design that reflects the percent of RAP to be used including the electronic worksheet identified in LP-9.
2. In graphical format, stability and air voids versus asphalt binder percentage of asphalt in conformance with the requirements in CTM 367.

Asphalt concrete production using RAP shall not begin until the Engineer approves the mix design. If the Engineer fails to review the mix design in 21 days, and if, in the opinion of the Engineer, work completion is delayed as a result of the failure to review, the Engineer will adjust payment and contract time in conformance with the requirements in Section 8-1.09, "Right of Way Delays," of the Standard Specifications.

If proposing a change in the RAP substitution rate, the Contractor shall notify the Engineer. If the substitution rate changes more than 5 percent by dry aggregate mass in the asphalt concrete mixture, the Contractor shall submit a new mix design.

The aggregate gradation for the asphalt concrete produced with RAP shall be calculated based on the mathematical combination of the virgin aggregate gradation during production and the daily RAP gradation. RAP shall be sampled and gradation shall be determined in conformance with the requirements in LP-9. RAP gradations shall be:

- A. Determined daily by the Contractor.
- B. Used for the mathematical combination of that day's asphalt concrete production.
- C. Reported to the Engineer.

The Contractor shall perform quality control testing of the RAP source each day asphalt concrete using RAP is produced. The Contractor shall perform quality control testing of the aggregates and the asphalt concrete mixture at least once for every 1000 tonnes of asphalt concrete using RAP produced, but not less than 2 tests per day.

Daily, the Contractor shall submit to the Engineer:

- A. Results for RAP gradation and the asphalt binder content in RAP determined in conformance with the requirements in LP-9. The Contractor shall sample RAP from the weighhopper or pugmill.
- B. Mathematical calculation of the gradation of the virgin aggregate and RAP aggregate blend.
- C. Correlation factor for RAP burn-off determined in conformance with the requirements in LP-9.

RAP proportioning shall conform to the provisions for aggregate proportioning specified in Section 39-3.03, "Proportioning," of the Standard Specifications and these special provisions. The Contractor's mixing equipment shall have a device that safely provides a sample representative of the virgin aggregate and RAP incorporated into the asphalt concrete. The Contractor shall sample in conformance with the requirements in California Test 125 and LP-9.

The temperature of asphalt concrete using RAP shall not exceed 165°C.

If batch mixing is used, RAP shall be kept separate from the virgin aggregate until both ingredients enter the weighhopper or pugmill. After introduction to the pugmill and before asphalt binder is added, the mixing time for the virgin aggregate and RAP shall not be less than 5 seconds. After asphalt binder is added, the mixing time shall not be less than 30 seconds.

If continuous mixing is used, the RAP shall be protected from direct contact with the burner flame with a device such as a shield, separator, or second drum.

ENGINEER'S ESTIMATE
03-0A6324

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
22 (S)	120102	TRAFFIC CONTROL SURVEILLANCE	LS	LUMP SUM	LUMP SUM	
23 (S)	120120	TYPE III BARRICADE	EA	240		
24 (S)	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	370		
25 (S)	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	239 000		
26 (S)	039699	TRAFFIC PLASTIC DRUM	EA	620		
27 (S)	128201	TEMPORARY DELINEATOR (CLASS 1)	EA	560		
28 (S)	039700	TEMPORARY LIGHTING FACILITIES	LS	LUMP SUM	LUMP SUM	
29 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
30 (S)	129000	TEMPORARY RAILING (TYPE K)	M	18 900		
31 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	290		
32	150206	ABANDON CULVERT	EA	5		
33	150305	OBLITERATE SURFACING	M2	2990		
34 (S)	150662	REMOVE METAL BEAM GUARD RAILING	M	2610		
35 (S)	150668	REMOVE FLARED END SECTION	EA	19		
36 (S)	150711	REMOVE PAINTED TRAFFIC STRIPE	M	58 400		
37 (S)	150712	REMOVE PAINTED PAVEMENT MARKING	M2	24		
38	150742	REMOVE ROADSIDE SIGN	EA	110		
39	150760	REMOVE SIGN STRUCTURE	EA	4		
40	150805	REMOVE CULVERT	EA	14		

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	260201	CLASS 2 AGGREGATE BASE	M3	23 400		
82	280000	LEAN CONCRETE BASE	M3	1560		
83	390102	ASPHALT CONCRETE (TYPE A)	TONN	83 800		
84	394002	PLACE ASPHALT CONCRETE (MISCELLANEOUS AREA)	M2	19		
85	401000	CONCRETE PAVEMENT	M3	47 600		
86	039714	CONCRETE PAVEMENT (RAMP GORE AREA)	M3	380		
87	039715	CONCRETE PAVEMENT (MAINTENANCE PULL-OUTS)	M3	950		
88	039716	CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	M3	330		
89	401082	SHOULDER RUMBLE STRIP (PCC, GROUND-IN INDENTATIONS)	STA	170		
90	039717	INTERMEDIATE PAVEMENT ANCHOR	EA	9		
91	404092	SEAL PAVEMENT JOINT	M	61 100		
92	404094	SEAL LONGITUDINAL ISOLATION JOINT	M	930		
93	490511	FURNISH STEEL PILING (HP 250 X 85)	M	883		
94 (S)	490512	DRIVE STEEL PILE (HP 250 X 85)	EA	114		
95 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	275		
96 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	600		
97 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	831		
98 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	M3	190		
99	510314	CLASS 4 CONCRETE (BACKFILL)	M3	29		
100 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	M3	716		

ENGINEER'S ESTIMATE

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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	510510	MINOR CONCRETE (INVERT PAVING)	M3	48		
102 (S)	512233	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (25 M - 30 M)	EA	16		
103 (S)	512500	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	16		
104	515041	FURNISH POLYESTER CONCRETE OVERLAY	M3	31		
105 (F)	515042	PLACE POLYESTER CONCRETE OVERLAY	M2	1525		
106 (S-F)	519117	JOINT SEAL (MR 30 MM)	M	69		
107 (S-F)	520102	BAR REINFORCING STEEL (BRIDGE)	KG	46 100		
108 (S-F)	520103	BAR REINFORCING STEEL (RETAINING WALL)	KG	37 820		
109 (S-F)	520110	BAR REINFORCING STEEL (EPOXY COATED) (BRIDGE)	KG	31 200		
110 (F)	560218	FURNISH SIGN STRUCTURE (TRUSS)	KG	31 086		
111 (S-F)	560219	INSTALL SIGN STRUCTURE (TRUSS)	KG	30 688		
112 (S)	561013	1372 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	19		
113 (S)	561015	1524 MM CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	M	13.4		
114	566011	ROADSIDE SIGN - ONE POST	EA	79		
115	566012	ROADSIDE SIGN - TWO POST	EA	15		
116	568001	INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	4		
117	568016	INSTALL SIGN PANEL ON EXISTING FRAME	M2	22		
118	650069	450 MM REINFORCED CONCRETE PIPE	M	44		
119	650075	600 MM REINFORCED CONCRETE PIPE	M	710		
120	650079	900 MM REINFORCED CONCRETE PIPE	M	250		