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!

November 6, 2015

03-Pla-80-35.1/38.3
03-1F4004
Project ID 0300020420
ACNHIMD-0804(194)

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN PLACER COUNTY NEAR COLFAX FROM LONG RAVINE UNDERPASS TO 0.4 MILE EAST OF MAGRA ROAD OVERCROSSING to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and the Federal Minimum Wages with Modification Number 18 dated 11/06/2015.

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, November 18, 2015.

Project plan sheets 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33 and 185 are replaced and attached for substitution for the like-numbered sheet.

In the *Notice to Bidders*, the following paragraph is added after the ninth paragraph:

"For the Federal training program, the number of trainees or apprentices is 12."

In the Special Provisions, the table in Section 1-1.01, the following bid items are replaced as follows:

"

029921	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029922	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029923	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56
029924	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	56

"

03-Pla-80-35.1/38.3
03-1F4004
Project ID 0300020420
ACNHIMD-0804(194)

In the Special Provisions, add to the list in Section 9-1.16C:

"18. Metal sign structures
19. Sign panels
20. Corrugated steel pipe conduit"

In the Special Provisions, Section 14-6.02,"SPECIES PROTECTION," is replaced as attached.

In the Special Provisions, Section 90-4, is added as attached.

In the *Bid* book, in the "Bid Item List," Items 48, 81, 90, 127, 128, 129, 130 and 161 are replaced.

In the *Bid* book, in the "Bid Item List," Item 82 is deleted.

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/03/03-1F4004

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,

for J. Rodriguez
AMARJEET BENIPAL
District Director

Attachments

Replace section 14-6.02 with:

14-6.02 SPECIES PROTECTION

14-6.02A General

Section 14-6.02 includes specifications for protecting regulated species or their habitat.

This project is within or near habitat for regulated species shown in the following table:

Species Name
Migratory and nongame birds
Bats

From February 1 to September 1, the Department anticipates:

1. Nesting or attempted nesting by migratory and nongame birds
2. Bat breeding and roosting

14-6.02B Material

Not Used

14-6.02C Construction

14-6.02C(1) General

Not Used

14-6.02C(2) Protective Radius

Upon discovery of a regulated species, stop construction activities within a 100-feet radius of the discovery. Immediately notify the Engineer. Do not resume activities until receiving notification from the Engineer.

14-6.02C(3) Protocols

Use protocols required by PLACs or, if not specified, use as shown in the following table:

Regulated species name	Protocol
Migratory and nongame birds	1. Within 15 business days after contract approval, submit 2 copies of a bird nest removal and prevention plan. Allow 15 business days for review of the plan. If revisions are required, revise and resubmit the plan within 10 business days of receipt of the Engineer's comments. Allow 5 business days for review and approval of the revisions. Do not proceed with work until the plan is approved. The plan must describe: 1.1. Location of work 1.2. Nesting removal, prevention, inspection and maintenance methods 1.3. Equipment used 1.4. Annual schedule for regular inspections of exclusion devices and signs of bird nesting 2. Outside of the bird nesting season, remove and dispose of all nests and prevent birds from nesting 3. No tree removal will be allowed during the bird nesting season, February 1 through September 1, unless approved by the Engineer 4. The Engineer may approve tree removal during the bird nesting season if: 4.1. The Engineer receives a written request from your biologist to survey the area at least 15 business days prior to the start of work 4.2. At least 3 business days prior to the start of work, your biologist performs a survey of the job site and confirms the absence of nesting birds. Submit a written copy of the survey results within 2 business days of the survey. 4.3. No additional compensation or added working days will be allowed due to denial of work by the Engineer during the nesting season 5. If bird nests are observed during the bird nesting season: 5.1. Immediately stop work within the protective radius and notify the Engineer. Do not disturb birds or nests occupied by birds, hatchlings or eggs. Do not resume work until directed in writing by the Engineer 5.2. The nests may be removed and birds prevented from nesting by methods described in your approved bird nest removal and prevention plan 5.3. Dispose of removed nests 5.4. Within 24 hours, repair and replace the exclusion measures to correct any problem discovered. Within 2 business days, submit a written record of time, date, condition, location and any action taken. 6. When directed by the Engineer, remove and dispose of all exclusion measures

Tree and structure roosting bats, day roosts and maternity roosts.	1. Within 15 business days after contract approval, submit 2 copies of a bat roosting removal and prevention plan. Allow 15 business days for review of the plan. If revisions are required, revise and resubmit the plan within 10 business days of receipt of the Engineer's comments. Allow 5 business days for review and approval of the revisions. Do not proceed with work until the plan is approved. The plan must describe: 1.1. Location of work 1.2. Roosting removal, prevention, inspection and maintenance methods 1.3. Equipment used 1.4. Annual schedule for regular inspections of exclusion devices and signs of bat roosting 2. Outside of the bat breeding season, prevent bats from roosting 3. No tree removal will be allowed during the bat breeding season, February 1 through September 1, unless approved by the Engineer 4. The Engineer may approve tree removal during the bat breeding season if: 4.1. The Engineer receives a written request from your biologist to survey the area at least 15 business days prior to the start of work 4.2. At least 3 business days prior to the start of work, your biologist performs a survey of the job site and confirms the absence of roosting bats. Submit a written copy of the survey results within 2 business days of the survey. 4.3. No additional compensation or added working days will be allowed due to denial of work by the Engineer during the bat breeding season 5. If bat roosts are observed during the bat breeding season: 5.1. Immediately stop work within the protective radius and notify the Engineer. Do not disturb bats or their roosts. Do not resume work until directed in writing by the Engineer 5.2. The bat roosts may be removed and bats prevented from roosting by methods described in your approved bat roost removal and prevention plan 5.3. Within 24 hours, repair and replace the exclusion measures to correct any problem discovered. Within 2 business days, submit a written record of time, date, condition, location and any action taken. 6. When directed by the Engineer, remove and dispose of all exclusion measures

14-6.02C(4) Biological Resource Information

Not Used

14-6.02C(5) Protection Measures

Within species protection area 1, implement the following protection measures:

1. Outside of the bat breeding season of February 1 through September 1, prevent bats from roosting. Exclusion of bat roost sites shall occur when the bats are not occupying the roosts.
2. Outside of the bird nesting season of February 1 through September 1, remove all nests and prevent birds from nesting.

14-6.02D Payment

Not Used

Add to the RSS for section 90-4.01C(1):

Submit temperature data daily for tier 1 PC concrete members as an informational submittal to the Engineer and to METS.

Add to the list in the 2nd paragraph of the RSS for section 90-4.01C(3):

10. Thermal control plan for controlling temperature in tier 1 PC concrete members. The thermal control plan must be prepared by the QC inspector and must include the following:
    - 10.1. Authorized mix design
    - 10.2. Duration and method of curing
    - 10.3. Concrete temperature monitoring and recording system details
    - 10.4. Temperature sensor types and locations
    - 10.5. Measures to ensure compliance with maximum temperature and temperature gain requirements including:
        - 10.5.1. Maximum concrete temperature at discharge
        - 10.5.2. Controlling enclosure temperature

Add to the list in the 3rd paragraph of the RSS for section 90-4.01C(3):

8. Thermal control plan

Add to the RSS for section 90-4.01D(2)(c) with:

For tier 1 PC concrete members, provide a temperature monitoring and recording system during concrete placement and curing. The system must consist of temperature sensors connected to a data acquisition system. The system must be capable of recording, printing, and downloading temperature data to a computer.

At a minimum, monitor internal concrete temperatures at the following locations:

1. Midpoint of member along the bed length with the temperature sensor positioned to provide maximum concrete cover
2. Near each end with the temperature sensor positioned to provide maximum concrete cover

Record temperature readings automatically at least every hour. Install a redundant set of sensors near the primary set with recording capability. Make records using the redundant set if the primary set fails.

You may discontinue hourly temperature recording when the maximum internal concrete temperature is falling and is less than 40 degrees F above the ambient temperature.

Protect the temperature sensor wiring to prevent movement during concrete placement. Keep wire runs as short as possible. Do not allow the ends of temperature sensors come into contact with concrete supports, forms, or reinforcement.

Do not damage the monitoring and recording system when placing and consolidating concrete.

Correct equipment failures in temperature control and monitoring and recording systems immediately.

Add to section 90-4.02:

For tier 1 PC concrete members, the maximum allowable internal concrete temperature must not exceed 160 degrees F and the maximum allowable temperature gain must not exceed 40 degrees F per hour at any sensor.

Replace “200” in item 5 in the list in the 2nd paragraph in section 90-4.03 with:

100

BID ITEM LIST
03-1F4004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150801	REMOVE OVERSIDE DRAIN	EA	3		
42	150809	REMOVE CULVERT (LF)	LF	300		
43	029914	REMOVE SLOTTED PLASTIC PIPE	LF	600		
44	150814	REMOVE DOWNDRAIN (EA)	EA	10		
45	150820	REMOVE INLET	EA	7		
46	150821	REMOVE HEADWALL	EA	14		
47	152320	RESET ROADSIDE SIGN	EA	10		
48	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	11,900		
49	153221	REMOVE CONCRETE BARRIER	LF	2,490		
50	153225	PREPARE CONCRETE BRIDGE DECK SURFACE	SQFT	12,000		
51	153227	FURNISH POLYESTER CONCRETE OVERLAY	CF	998		
52 (F)	153228	PLACE POLYESTER CONCRETE OVERLAY	SQFT	12,000		
53	029915	CAP VERTICAL PIPE	EA	1		
54	155213	CLEANING, INSPECTING, AND PREPARING CULVERT (LF)	LF	5,130		
55	155314	18" CURED-IN-PLACE PIPELINER	LF	320		
56	155316	24" CURED-IN-PLACE PIPELINER	LF	3,370		
57	155318	30" CURED-IN-PLACE PIPELINER	LF	720		
58	155319	36" CURED-IN-PLACE PIPELINER	LF	470		
59	155321	48" CURED-IN-PLACE PIPELINER	LF	270		
60	157550	BRIDGE REMOVAL	LS	LUMP SUM	LUMP SUM	

REPLACED PER ADDENDUM NO. 2 DATED NOVEMBER 6, 2015

BID ITEM LIST
03-1F4004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	390132	HOT MIX ASPHALT (TYPE A)	TON	17,500		
82	BLANK					
83	390137	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	TON	13,900		
84	394053	SHOULDER RUMBLE STRIP (HMA,GROUND-IN INDENTATIONS)	STA	340		
85	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
86	394073	PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	1,820		
87	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	1,180		
88	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	5,910		
89	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	4,620		
90	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	1,260		
91	397005	TACK COAT	TON	72		
92	460210	GROUND ANCHOR (SUBHORIZONTAL)	EA	137		
93	045084	STEEL SOLDIER PILE (2-W 10 X 45)	LF	6,320		
94	490406	36" DRILLED HOLE	LF	6,012		
95	490603	24" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	5,912		
96	498044	36" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	13		
97	498050	54" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	19		
98	498052	60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	45		
99 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	487		
100 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	848		

REPLACED PER ADDENDUM NO. 2 DATED NOVEMBER 6, 2015

BID ITEM LIST
03-1F4004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	566012	ROADSIDE SIGN - TWO POST	EA	4		
122	568016	INSTALL SIGN PANEL ON EXISTING FRAME	SQFT	140		
123	029917	INSTALL ROADSIDE SIGN PANEL ON BRIDGE	EA	2		
124	029918	FURNISH FORMED PANEL SIGN (OVERHEAD) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	140		
125	029919	FURNISH LAMINATED PANEL SIGN (1"-TYPE A)FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	530		
126	029920	FURNISH LAMINATED PANEL SIGN (2 1/2"-TYPE B) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	150		
127	029921	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	83		
128	029922	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	28		
129	029923	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	44		
130	029924	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080"-FRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	25		
131	029925	RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	990		
132 (F)	575004	TIMBER LAGGING	MFBM	99		
133	590120	CLEAN AND PAINT STEEL SOLDIER PILING	LS	LUMP SUM	LUMP SUM	
134	597600	PREPARE AND PAINT CONCRETE	SQFT	11,771		
135	642115	18" SLOTTED PLASTIC PIPE	LF	1,760		
136	665025	24" CORRUGATED STEEL PIPE (.138" THICK)	LF	440		
137	665033	30" CORRUGATED STEEL PIPE (.138" THICK)	LF	40		
138	665039	36" CORRUGATED STEEL PIPE (.168" THICK)	LF	80		
139	665049	48" CORRUGATED STEEL PIPE (.168" THICK)	LF	400		
140	665075	18" CORRUGATED STEEL PIPE (.138" THICK)	LF	150		

REPLACED PER ADDENDUM NO. 2 DATED NOVEMBER 6, 2015

BID ITEM LIST
03-1F4004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	029928	CONCRETE BARRIER MARKER (NON-IMPACTIBLE)	EA	28		
162	820151	OBJECT MARKER (TYPE L-1)	EA	11		
163	832007	MIDWEST GUARDRAIL SYSTEM (WOOD POST)	LF	7,730		
164	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	110		
165 (F)	839521	CABLE RAILING	LF	1,216		
166	839543	TRANSITION RAILING (TYPE WB-31)	EA	4		
167	839576	END CAP (TYPE A)	EA	3		
168	839581	END ANCHOR ASSEMBLY (TYPE SFT)	EA	11		
169	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	2		
170	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1		
171	029929	ALTERNATIVE CRASH CUSHION (TYPE SCI-100GM)	EA	2		
172 (F)	045092	CONCRETE BARRIER (TYPE 60A MODIFIED)	LF	126		
173	839701	CONCRETE BARRIER (TYPE 60)	LF	2,310		
174	839703	CONCRETE BARRIER (TYPE 60C)	LF	180		
175	045093	CONCRETE BARRIER (TYPE 60D MODIFIED)	LF	1,221		
176	029930	PORTABLE CONCRETE BARRIER (TYPE 60K)	LF	1,360		
177 (F)	045094	CONCRETE BARRIER (TYPE 742 MODIFIED)	LF	238		
178	029931	8" THERMOPLASTIC TRAFFIC STRIPE (RECESSED)	LF	1,050		
179	029932	8" THERMOPLASTIC TRAFFIC STRIPE (RECESSED, BROKEN 12-3)	LF	1,460		
180	840545	4" THERMOPLASTIC TRAFFIC STRIPE (RECESSED, BROKEN 36-12)	LF	34,000		

REPLACED PER ADDENDUM NO. 2 DATED NOVEMBER 6, 2015