

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

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November 23, 2011

03-Yub-20, 70-0.8/R2.0, 14.4/15.0

03-0A5804

Project ID 0300020139

NH-X115(010)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN YUBA COUNTY IN MARYSVILLE ON ROUTE 20 FROM F STREET TO BUCHANAN STREET AND ON ROUTE 70 FROM 6TH STREET TO 0.2 MILE SOUTH OF BINNEY JUNCTION 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, December 13, 2011, instead of the original date of Tuesday, December 6, 2011.

This addendum is being issued to set a new bid opening date as shown herein, revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid book, and the Federal Minimum Wages with Modification Number 34 dated November 18, 2011.

Project Plan Sheets 20, 47, 115, 116, 171, 190, 191, 192, 201, 206, 226, 404, 405, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 453, 454, 455, 456 and 457 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 120A, 120B and 166A are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 10-1.15, "CLOSURE REQUIREMENTS AND CONDITIONS," subsection "LATE REOPENING CLOSURES," the second paragraph is revised as follows:

"For each 1 hour-interval, or fraction thereof past the time specified under "ORDER OF WORK" to reopen the extended directional closure for CRCP operation, the Department will deduct \$7,400 per interval from moneys due or that may become due the Contractor under the contract. Damages are limited to 5 percent of project cost per occurrence and will not be assessed when the Engineer requests that the closure remain in place beyond the scheduled pickup time."

In the Special Provisions, Section 10-1.29, "PETROLEUM CONTAMINATED MATERIAL," subsection "CONSTRUCTION," the second paragraph is revised as follows:

"Continuously monitor the excavation site and excavated Type DC material as it is excavated, using appropriate air monitoring devices consistent with the Health and Safety Plan required in this special provision, as approved by the Engineer. Prevent the flow of surface runoff from entering any excavated area."

In the Special Provisions, Section 10-1.31, "MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATIONS OF AERIALY DEPOSITED LEAD," subsection "LEAD COMPLIANCE PLAN," the second paragraph is revised as follows:

"The Lead Compliance Plan shall include perimeter air monitoring incorporating upwind and downwind locations, within the highway right-of-way, as shown on the plans or as approved by the Engineer. A minimum of three monitoring locations are required. Monitoring shall be by personal air samplers using National Institute of Safety and Health (NIOSH) Method 7082 or equivalent NIOSH method or Occupational Safety and Health Administration (OSHA) method, performed by an American Industrial Hygiene Association (AIHA) accredited laboratory, as approved by the Engineer. Sampling shall achieve a detection limit of 0.05 $\mu\text{g}/\text{m}^3$ of air per day. Daily monitoring shall take place while the Contractor clears and grubs and performs earthwork operations. A single representative daily sample shall be analyzed for lead. Results shall be analyzed and provided to the Engineer within 24 hours. Average lead concentrations shall not exceed 1.5 $\mu\text{g}/\text{m}^3$ of air per day and 0.15 $\mu\text{g}/\text{m}^3$ per day on a rolling 90-day basis. Average daily concentrations shall be calculated based on monitoring to date, and projection based on those monitoring trends for the next 90 days or to the end of work subject to the Lead Compliance Plan if less than the specified averaging period. If concentrations exceed these levels the Contractor shall stop work and modify the work to prevent release of lead. After monitoring results for a specific construction activity, demonstrate that the lead concentrations do not exceed allowed levels sampling frequency for that specific construction activity may be reduced on the recommendation of the Certified Industrial Hygienist and the approval of the Engineer. Monitoring shall be done under the direction of, and the data shall be reviewed by and signed by a Certified Industrial Hygienist."

In the Special Provisions, Section 10-1.47, "PILING," subsection "GENERAL," the following paragraph is added after the first paragraph.

"Concrete for cast-in-place concrete piling shall be prequalified in conformance with the provisions in Section 90-9, "Compressive Strength," of the Standard Specifications."

In the Special Provisions, Section 10-1.59, "MISCELLANEOUS CONCRETE CONSTRUCTION," is revised as attached.

In the Bid book, in the "Bid Item List," Items 74, 79, 106, 108, and 110 are revised, Items 135, 136 and 137 are added and Item 134 is deleted as attached.

To Bid book holders:

Replace pages 6, 8 and 9 of the "Bid Item List" in the Bid book with the attached revised pages 6, 8 and 9 of the Bid Item List. The revised Bid Item List is to be used in the bid.

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.

Addendum No. 3
Page 3
November 23, 2011

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This addendum, 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/03/03-0A5804

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,



FAR
REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

10-1.59 MISCELLANEOUS CONCRETE CONSTRUCTION

Minor concrete, minor concrete (curb), minor concrete (curb and gutter), minor concrete (driveway), minor concrete (sidewalk), minor concrete (curb ramp), minor concrete (miscellaneous construction), minor concrete (island paving), minor concrete (brushed concrete), minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, and minor concrete (textured paving) island paving shall conform to the provisions in Section 73, "Concrete Curbs and Sidewalks," of the Standard Specifications and these special provisions.

Curb ramp detectable warning surface shall consist of raised truncated domes constructed or installed on curb ramps in conformance with the details shown on the plans and these special provisions. At the option of the Contractor, the detectable warning surface shall be prefabricated, cast-in-place, or stamped into the surface of the curb ramp. The color of the detectable warning surface shall be red conforming to Federal Standard 595B, Color No. 31302.

Prefabricated detectable warning surface shall be in conformance with the requirements established by the Department of General Services, Division of State Architect and be attached in conformance with the manufacturer's recommendations.

Cast-in-place and stamped detectable warning surfaces shall be painted in conformance with the provisions in Section 59-6, "Painting Concrete," of the Standard Specifications.

The finished surfaces of the detectable warning surface shall be free from blemishes.

Prior to constructing the cast-in-place or stamping the detectable warning surface, the Contractor shall demonstrate the ability to produce a detectable warning surface conforming to the details shown on the plans and these special provisions by constructing a 24" x 24" test panel.

The manufacturer shall provide a written 5-year warranty for prefabricated detectable warning surfaces, guaranteeing replacement when there is defect in the dome shape, color fastness, sound-on-cane acoustic quality, resilience, or attachment. The warranty period shall begin upon acceptance of the contract.

Full compensation for constructing or furnishing and installing curb ramp detectable warning surfaces shall be considered as included in the contract price paid per cubic yard for minor concrete (curb ramp) and no separate payment will be made therefor.

Full compensation for transition zone where shown on the plans shall be considered as included in the contract price paid per cubic yard for minor concrete (curb ramp) and no separate payment will be made therefor.

Full compensation for modify curb by type where shown on the plans shall be considered as included in the contract price paid per cubic yard for minor concrete (curb) and no separate payment will be made therefor.

Full compensation for reset truncated dome tiles where shown on the plans shall be considered as included in the contract price paid per cubic yard for minor concrete (sidewalk) and no separate payment will be made therefor.

Full compensation for constructing the notch in sidewalk for the placement of street tree grates where shown in the plans shall be considered as included in the contract price paid per cubic yard for minor concrete (sidewalk) and no separate payment will be made therefor.

Full compensation for constructing the notch in curb and gutter for the placement of street tree grates where shown in the plans shall be considered as included in the contract price paid per cubic yard for minor concrete (curb and gutter) and no separate payment will be made therefor.

Aggregate for minor concrete (brushed concrete), minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, and minor concrete (textured paving) island paving shall conform to the grading specified for fine aggregate in Section 90-3.03, "Fine Aggregate Grading," of the Standard Specifications. Minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, and minor concrete (textured paving) island paving of the pattern type running bond brick and herringbone brick shall be as shown on the plans. Minor concrete (brushed concrete) areas shall be as designated on the plans. The brushed concrete shall have a medium broom finish.

Minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving of type running bond brick or herringbone brick patterns and minor concrete (brushed concrete) shall follow the identical coloring requirements.

The colored areas shall be brick red, conforming closely to Federal Standard 595B Color No. 32169, Brickform manufacturer color Venetian Pink No. 115, or to QC manufacturer color Cabaret Pink No. QC-2. Coloring shall be integral, chemically inert, fade resistant mineral oxide or synthetic type.

Samples of the colors specified for textured paving are available for review by prospective bidders at the office of the Department of Transportation Office of Landscape Architecture, 703 B Street, Marysville. CA. 95901. Portland cement concrete closely conforming to the colors specified for textured paving are available through commercial concrete sources.

A sample of 2 feet by 2 feet , of each type and color of the textured paving, to demonstrate the minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving and minor concrete (brushed concrete), including color hardener, curing and finishing compounds, shall be submitted to the Engineer for written approval.

Minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, and minor concrete (textured paving) island paving of the pattern type running bond brick or herringbone brick shall not be placed on the project prior to approval by the Engineer of the separate texture samples prepared and submitted by the Contractor.

In the event more than one sample of both types of textured paving, pattern types running bond brick and herringbone brick, to be placed is required by the Engineer, each additional sample will be paid for as extra work as provided in Section 4-1.03D of the Standard Specifications.

Textured paving concrete and brushed concrete finish antique release agent shall have a color conforming closely to Federal Standard 595B Color No.36152, Brickform manufacturer color Medium Gray No. 200 or to QC manufacturer color Basalt Gray QC-1.

The respective pattern types of concrete for textured paving shall be placed at the locations shown on the plans, struck off and compacted until a layer of mortar is brought to the surface. The concrete shall be screeded to the required grade and cross section and floated to a uniform surface.

Floor color hardener applied to all minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island crossing and minor concrete (brushed concrete) and colored areas designated on the plans, shall be dark brick red, conforming closely to Federal Standard 595B Color No. 30252,

Floor color hardener shall be applied to the plastic surface of the concrete by the "dry-shake" method using a minimum of 60 pounds of hardener per 100 square feet. Hardener shall be applied in 2 applications, shall be wood-floated after each application, and shall be trowelled only after the final floating. The resultant color of the floor hardener shall closely conform to the colors specified on the plans for the respective areas.

The forming tools for the minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving and minor concrete (brushed concrete) shall be applied to form the patterned surfaces while the concrete is still in the plastic stage of set.

Minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving and minor concrete (brushed concrete) areas shall be cured by the curing compound method. The curing compound shall be curing compound (6) conforming to the provisions in Section 90-7.01B, "Curing Compound Method," of the Standard Specifications.

The textured pattern running bond brick of the minor concrete (textured paving) sidewalk in sidewalk areas shall continue through the driveways and end before the curb ramps. For payment purposes, the area in square feet of minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving and minor concrete (brushed concrete) will be determined from horizontal measurements of the finished textured paving or finished brushed concrete.

The contract price paid per square foot for minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving and minor concrete (brushed concrete) shall include full compensation for furnishing all labor, materials (including dowels -where required and aggregate base class 2 for openings at sign posts), tools, equipment, and incidentals, and for doing all the work involved in constructing minor concrete (textured paving) sidewalk, minor concrete (textured paving) crosswalk, minor concrete (textured paving) island paving and minor concrete (brushed concrete), complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Full compensation for constructing the notch in sidewalk for the placement of street tree grates as included in the contract price paid per square foot for minor concrete (textured paving) sidewalk and no separate payment will be made therefor.

BID ITEM LIST**03-0A5804**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	021588	STREET TREE GUARDS	EA	35		
62	021589	STREET TREE GRATES	EA	35		
63	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
64	208310	IRRIGATION SLEEVE	LF	2,000		
65	021590	6" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	510		
66	260201	CLASS 2 AGGREGATE BASE	CY	15,700		
67	377501	SLURRY SEAL	TON	1,460		
68	390095	REPLACE ASPHALT CONCRETE SURFACING	CY	550		
69	390132	HOT MIX ASPHALT (TYPE A)	TON	9,410		
70	390136	MINOR HOT MIX ASPHALT	TON	2		
71	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	1,890		
72	397005	TACK COAT	TON	18		
73	400050	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT	CY	12,500		
74	400061	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE A)	LF	1,060		
75	400064	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (TERMINAL JOINT, TYPE D)	LF	66		
76	400090	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (EXPANSION JOINT, TYPE AN)	LF	570		
77	401108	REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	CY	13		
78	404092	SEAL PAVEMENT JOINT	LF	39,200		
79	404093	SEAL ISOLATION JOINT	LF	1,210		
80	420201	GRIND EXISTING CONCRETE PAVEMENT	SQYD	43,300		

BID ITEM LIST**03-0A5804**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	731501	MINOR CONCRETE (CURB)	CY	81		
102	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	69		
103	510501	MINOR CONCRETE	CY	19		
104	731504	MINOR CONCRETE (CURB AND GUTTER)	CY	510		
105	731508	MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)	CY	2.4		
106	731511	MINOR CONCRETE (ISLAND PAVING)	CY	120		
107	731516	MINOR CONCRETE (DRIVEWAY)	CY	240		
108	731518	MINOR CONCRETE (BRUSHED CONCRETE)	SQFT	10,600		
109	731521	MINOR CONCRETE (SIDEWALK)	CY	750		
110	022133	MINOR CONCRETE (TEXTURED PAVING) ISLAND PAVING	SQFT	6,610		
111	731623	MINOR CONCRETE (CURB RAMP)	CY	170		
112 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	28,573		
113	820141	OBJECT MARKER (TYPE K-1)	EA	20		
114	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	43,300		
115	840505	6" THERMOPLASTIC TRAFFIC STRIPE	LF	1,830		
116	021595	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 8-4)	LF	480		
117	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	8,300		
118	840508	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	240		
119	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	23,400		
120	840521	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)	LF	310		

BID ITEM LIST**03-0A5804**

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	3,360		
122	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	22,200		
123	840655	PAINT TRAFFIC STRIPE (1-COAT)	LF	7,900		
124	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	3,230		
125	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
126	BLANK					
127	021596	FLAG POLE LIGHTING	LS	LUMP SUM	LUMP SUM	
128	021597	INTELLEAGENT TRANSPORTATION SYSTEM	LS	LUMP SUM	LUMP SUM	
129	860890	MODIFY TRAFFIC MONITORING STATION (COUNT)	LS	LUMP SUM	LUMP SUM	
130	860990	CLOSED CIRCUIT TELEVISION SYSTEM	LS	LUMP SUM	LUMP SUM	
131	128601	TEMPORARY SIGNAL SYSTEM	LS	LUMP SUM	LUMP SUM	
132	861501	MODIFY SIGNAL AND LIGHTING	LS	LUMP SUM	LUMP SUM	
133	021598	FIBER OPTIC SYSTEM	LS	LUMP SUM	LUMP SUM	
134	BLANK					
135	022134	MINOR CONCRETE (TEXTURED PAVING) CROSSWALK	SQFT	6,210		
136	022135	MINOR CONCRETE (TEXTURED PAVING) SIDEWALK	SQFT	1,780		
137	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$ _____