

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
OFFICE ENGINEER, MS 43
1727 30TH STREET
P.O. BOX 168041
SACRAMENTO, CA 95816-8041
FAX (916) 227-6214
TTY 711



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June 24, 2009

03-Pla-80-4.5/8.3
03-367834
NCIPLN-6203(026)
HPLULN-6203(044)

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN PLACER COUNTY IN ROSEVILLE AND ROCKLIN FROM MINERS RAVINE BRIDGE TO 1.6 KM EAST OF ROUTE 65/80 SEPARATION.

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, July 7, 2009.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid book, the Federal Minimum Wages with Modification Number 29 dated June 12, 2009, and the Information Handout.

Project Plan Sheets 2, 3, 6, 13, 15, 16, 22, 31, 66, 77, 82, 86, 88, 90, 91, 94, 105, 106, 127, 128, 129, 130, 131, 132, 133, 134, 135, 263 and 267 are revised. Half-sized copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheet 127A is added. A half-sized copy of the added sheet is attached for addition to the project plans.

Project Plan Sheets 382, 383 and 384 are deleted.

Project Plan Sheets 4, 14, 17, 19, and 20 are revised as follows:

The structural section callout for number 1 "(AC 90 mm, AB Var)" is revised to number 13 "(AC 90 mm, AB Var 620 –530 mm)"

Project Plan Sheet 5 revised as follows:

The structural section callout for number 1 "(AC 90 mm, AB Var)" is revised to number 13 "(AC 90 mm, AB Var 620 –530 mm)"

The existing structural section for the westbound on-ramp was not called out. The existing structural section for the westbound on ramp is structural section number "13."

Project Plan Sheet 181 is revised as follows:

Under "STAGE 4 CONSTRUCTION," third note is revised to "CONSTRUCT EB Rte 80 MAINLINE AND TAYLOR RD LOOP OFF-RAMP GORE SECTION AND RAMP: STA "AM1" 57+03 TO "T1" 60+85 (222 HOUR RAMP CLOSURE)."

In the Special Provisions, Section 5-1.10, "SUPPLEMENTAL PROJECT INFORMATION," the following item is added to the table under "Included in the Information Handout."

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"16. Geotechnical Design Report, dated 11/21/08."

In the Special Provisions, Section 10-1.18A, "EROSION CONTROL (NETTING)," is added as attached.

In the Special Provisions, Section 10-1.26, "MAINTAINING TRAFFIC," lane closure chart No. 3, under closure limits, the last paragraph is revised as follows:

"EB I-80 off-ramp to EB Taylor."

In the Special Provisions, Section 10-1.77, "OVERSIDE DRAIN," the following paragraph is added after the last paragraph.

"Full compensation for 300 mm alternative pipe tee at drainage system 21 shall be considered as included in the contract price paid per meter for 300 mm alternative pipe down drain and no separate payment will be made therefor."

In the Special Provisions, Section 10-3.17, "MICROWAVE VEHICLE DETECTION SYSTEM-SIDE FIRE," is deleted.

In the Bid book, in the "Bid Item List," Items 77, 85, 87, 88, 89, 90, 143, 147, 151, 153, 154 and 156 are revised, Items 196, 197, 198 and 199 are added and Item 195 is deleted as attached.

To Bid book holders:

Replace pages 6, 7, 10 and 12 of the "Bid Item List" in the Bid book with the attached revised pages 6, 7, 10 and 12 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Attached is a CD copy of the Information Handout (Geotechnical Design Report).

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 GSO overnight mail to Bid book holders to ensure that each receives it. A copy of this addendum and the modified wage rates are 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

Attachments

10-1.18A EROSION CONTROL (NETTING)

GENERAL

Summary

This work includes installing erosion control (netting).

Submittals

Submit a Certificate of Compliance under Section 6-1.07, "Certificates of Compliance," of the Standard Specifications for:

1. Netting
2. Fastener

MATERIALS

Netting

Netting must comply with the following:

1. Netting Type: C.
2. Machine-made mats provided in rolled strips.
3. Minimum thickness: 7.6 millimeters.
4. Minimum width: 1.8 meters.
5. U.V. Stability under ASTM D 4355 (500 hours exposure): 80%

Netting must comply with the following:

Type	Number Of Nets	Net Type	Matrix	Maximum "C" Factor ¹	Minimum Sheer Stress ²	Functional Longevity (months)	Minimum Tensile Strength ³
A ⁴	Single Net	Organic	100% Woven Coir (Coconut Fiber)	0.25	148	36	125
B ⁵	Single Net	Organic	100% Woven Coir (Coconut Fiber)	0.25	213	36	125
C ⁶	Single Net	Organic	100% Woven Coir (Coconut Fiber)	0.25	221	36	125

¹ Universal Soil Loss Equation (USLE) C-Factor for a 1:1.5(V:H) unvegetated slope.

² kN/m² under ASTM D 6460

³ kN/m under ASTM D 5035.

⁴ Average open area of 65%, with a tolerance of \pm two percent. Minimum weight of 400 grams per square meter under ASTM D 3776

⁵ Average open area of 48%, with a tolerance of \pm two percent. Minimum weight of 700 grams per square meter under ASTM D 3776

⁶ Average open area of 38%, with a tolerance of \pm two percent. Minimum weight of 900 grams per square meter under ASTM D 3776

Fasteners

Fastener must be:

9 gauge, 150 millimeter staple U-shaped with 150 millimeter legs, and 25 millimeter crown

CONSTRUCTION

Not used.

MEASUREMENT AND PAYMENT

The quantity of erosion control (netting) will be measured by the square meter as determined from actual slope measurements of the areas covered by the erosion control (netting) excluding overlaps.

The contract price paid per square meter for erosion control (netting) includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in erosion control (netting), complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

BID ITEM LIST
03-367834

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	157564	BRIDGE REMOVAL (PORTION), LOCATION D	LS	LUMP SUM	LUMP SUM	
62	157565	BRIDGE REMOVAL (PORTION), LOCATION E	LS	LUMP SUM	LUMP SUM	
63	157566	BRIDGE REMOVAL (PORTION), LOCATION F	LS	LUMP SUM	LUMP SUM	
64	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
65	190101	ROADWAY EXCAVATION	M3	82 100		
66	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
67 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	M3	158		
68 (F)	192020	STRUCTURE EXCAVATION (TYPE D)	M3	179		
69 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	M3	6356		
70 (F)	192050	STRUCTURE EXCAVATION (TIEBACK WALL)	M3	752		
71 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	M3	91		
72 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	M3	4388		
73 (F)	193026	STRUCTURE BACKFILL (TIEBACK WALL)	M3	63		
74 (F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	M3	479		
75	194001	DITCH EXCAVATION	M3	35		
76	200001	HIGHWAY PLANTING	LS	LUMP SUM	LUMP SUM	
77	203016	EROSION CONTROL (TYPE D)	HA	4.5		
78	203026	MOVE-IN/MOVE-OUT (EROSION CONTROL)	EA	3		
79	204099	PLANT ESTABLISHMENT WORK	LS	LUMP SUM	LUMP SUM	
80	206401	MAINTAIN EXISTING IRRIGATION FACILITIES	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST
03-367834

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	208000	IRRIGATION SYSTEM	LS	LUMP SUM	LUMP SUM	
82	260201	CLASS 2 AGGREGATE BASE	M3	48 800		
83	390095	REPLACE ASPHALT CONCRETE SURFACING	M3	2450		
84	015558	HOT MIX ASPHALT (TEXTURED PAVING)	M2	2600		
85	390131	HOT MIX ASPHALT	TONN	58 300		
86	390138	RUBBERIZED HOT MIX ASPHALT (OPEN GRADED)	TONN	13 400		
87	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	M	180		
88	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	M	1790		
89	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	M	330		
90	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	M2	990		
91	490511	FURNISH STEEL PILING (HP 250 X 85)	M	377		
92	490512	DRIVE STEEL PILE (HP 250 X 85)	EA	24		
93	490657	600 MM CAST-IN-DRILLED-HOLE CONCRETE PILING	M	108		
94	490676	600 MM CAST-IN-DRILLED-HOLE CONCRETE PILING (ROCK SOCKET)	M	137		
95	498027	400 MM CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	M	630		
96	498030	600 MM CAST-IN-DRILLED-HOLE CONCRETE PILING (SOUND WALL)	M	1160		
97	500050	TIEBACK ANCHOR	EA	391		
98 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	M3	73		
99 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	M3	420		
100 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	M3	2589		

BID ITEM LIST
03-367834

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	664019	600 MM CORRUGATED STEEL PIPE (1.63 MM THICK)	M	6		
142	680933	200 MM PERFORATED PLASTIC PIPE UNDERDRAIN	M	140		
143	698091	300 MM ALTERNATIVE PIPE DOWNDRAIN	M	80		
144	698162	450 MM ALTERNATIVE PIPE DOWNDRAIN	M	40		
145	700617	DRAINAGE INLET MARKER	EA	61		
146	705224	600 MM CONCRETE FLARED END SECTION	EA	3		
147	705334	300 MM ALTERNATIVE FLARED END SECTION	EA	9		
148	705336	450 MM ALTERNATIVE FLARED END SECTION	EA	7		
149	705337	600 MM ALTERNATIVE FLARED END SECTION	EA	1		
150	719598	CLASS 4 CONCRETE (BACKFILL)	M3	45		
151	721008	ROCK SLOPE PROTECTION (LIGHT, METHOD B)	M3	42		
152 (F)	721810	SLOPE PAVING (CONCRETE)	M3	35		
153	729010	ROCK SLOPE PROTECTION FABRIC	M2	2020		
154	731502	MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	M3	67		
155 (F)	731517	MINOR CONCRETE (GUTTER)	M	562		
156 (F)	750001	MISCELLANEOUS IRON AND STEEL	KG	14 984		
157	800391	CHAIN LINK FENCE (TYPE CL-1.8)	M	600		
158	802584	0.9 M CHAIN LINK GATE (TYPE CL-1.8)	EA	2		
159	015560	CONCRETE BARRIER DELINEATOR (400 MM)	EA	9		
160	820107	DELINEATOR (CLASS 1)	EA	160		

BID ITEM LIST
03-367834

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
181	840563	200 MM THERMOPLASTIC TRAFFIC STRIPE	M	2410		
182	840564	200 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 3.66 M - 0.92 M)	M	2300		
183	840567	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 1.83 M - 0.30 M)	M	18		
184	840570	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 10.98 M - 3.66 M)	M	28 600		
185	840571	100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 5.18 M - 2.14 M)	M	700		
186	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	3760		
187	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
188	860501	SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
189	860930	TRAFFIC MONITORING STATION	LS	LUMP SUM	LUMP SUM	
190	860990	CLOSED CIRCUIT TELEVISION SYSTEM	LS	LUMP SUM	LUMP SUM	
191	861100	RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
192	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
193	015565	FIBER OPTIC SYSTEM	LS	LUMP SUM	LUMP SUM	
194	869080	TRAINING	LS	LUMP SUM	LUMP SUM	
195	BLANK					
196	203018	EROSION CONTROL (NETTING)	M2	1980		
197	721010	ROCK SLOPE PROTECTION (BACKING NO.1, METHOD B)	M3	66		
198	721011	ROCK SLOPE PROTECTION (BACKING NO.2, METHOD B)	M3	715		
199	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

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